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DEPARTMENT OF  
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# 1967 CENSUS OF MANUFACTURES

Vol. 1



SUMMARY  
AND SUBJECT  
STATISTICS

U.S. DEPARTMENT  
OF COMMERCE  
Bureau of  
the Census

SOCIAL AND ECONOMIC STATISTICS ADMINISTRATION LIBRARY

# CENSUS REGIONS AND GEOGRAPHIC DIVISIONS





# OF THE UNITED STATES



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# 1967 CENSUS OF MANUFACTURES

Vol. I

## SUMMARY AND SUBJECT STATISTICS

Issued January 1971



U.S. DEPARTMENT OF COMMERCE  
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Harold C. Passer, Assistant Secretary for Economic Affairs

BUREAU OF THE CENSUS George Hay Brown, Director

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### INDUSTRY DIVISION

Owen C. Gretton, Chief

## Acknowledgments

The 1967 Census of Manufactures was conducted under the direction of Owen C. Gretton, Chief, and Milton Eisen, Assistant Chief. Elmer S. Biles, assisted by John S. Berube, Clifford Bennett, and Kenneth I. Hansen, was responsible for the overall management of the census and was the Industry Division's liaison officer with other Divisions.

Program responsibility along industry lines was shared by the following individuals who participated importantly in the entire census program: Robert J. Nealon, Foods, Textiles, and Apparel; Cyril M. Wildes, Chemicals and Wood Products; and Paul F. Berard, Metals and Metal Products. Willis K. Jordon was responsible for preparation of the introductory text and appendix materials. Edward A. Robinson made significant contributions to the basic concepts and content of the census. Donald F. Clark and Carl J. Bostrom, under the direction of Jack L. Ogus, developed the mathematical techniques utilized in editing the data and in sampling the respondents. Louis J. Owen, assisted by William R. Gray was responsible for the inquiries relating to fuel, electric energy, and water data. William Cooper had staff responsibility for industry classification and the system of classifying products and materials. Wayne M. McCaughey and Angela R. Daly also participated importantly in various phases of the project.

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## Preface

This is one of a series of volumes presenting the final results of the 1967 Census of Manufactures, which was part of the economic censuses covering that year. In addition to the manufacturing sector, the 1967 economic censuses included wholesale and retail trade, certain services, transportation, construction, commercial fishing, and mining. The censuses measured the activities of nearly 4,000,000 business establishments, including 300,000 engaged in manufacturing.

As in previous census years, the advice and counsel of trade and professional associations, individual companies, Federal and State agencies, labor unions, and research and educational organizations were most valuable in planning the content of the census reports. The Advisory Council on Federal Reports, comprised of representative businessmen, provided special assistance in determining the feasibility of collecting the various types of data. Other advisory committees which counsel the Census Bureau regularly contributed significantly in the planning and preparatory stages. Timely publicity was given by chambers of commerce, newspapers, trade periodicals, and television and radio stations.

As essential element in the Census of Manufactures was the excellent cooperation of the many thousands of manufacturing companies which completed the necessary census questionnaires.





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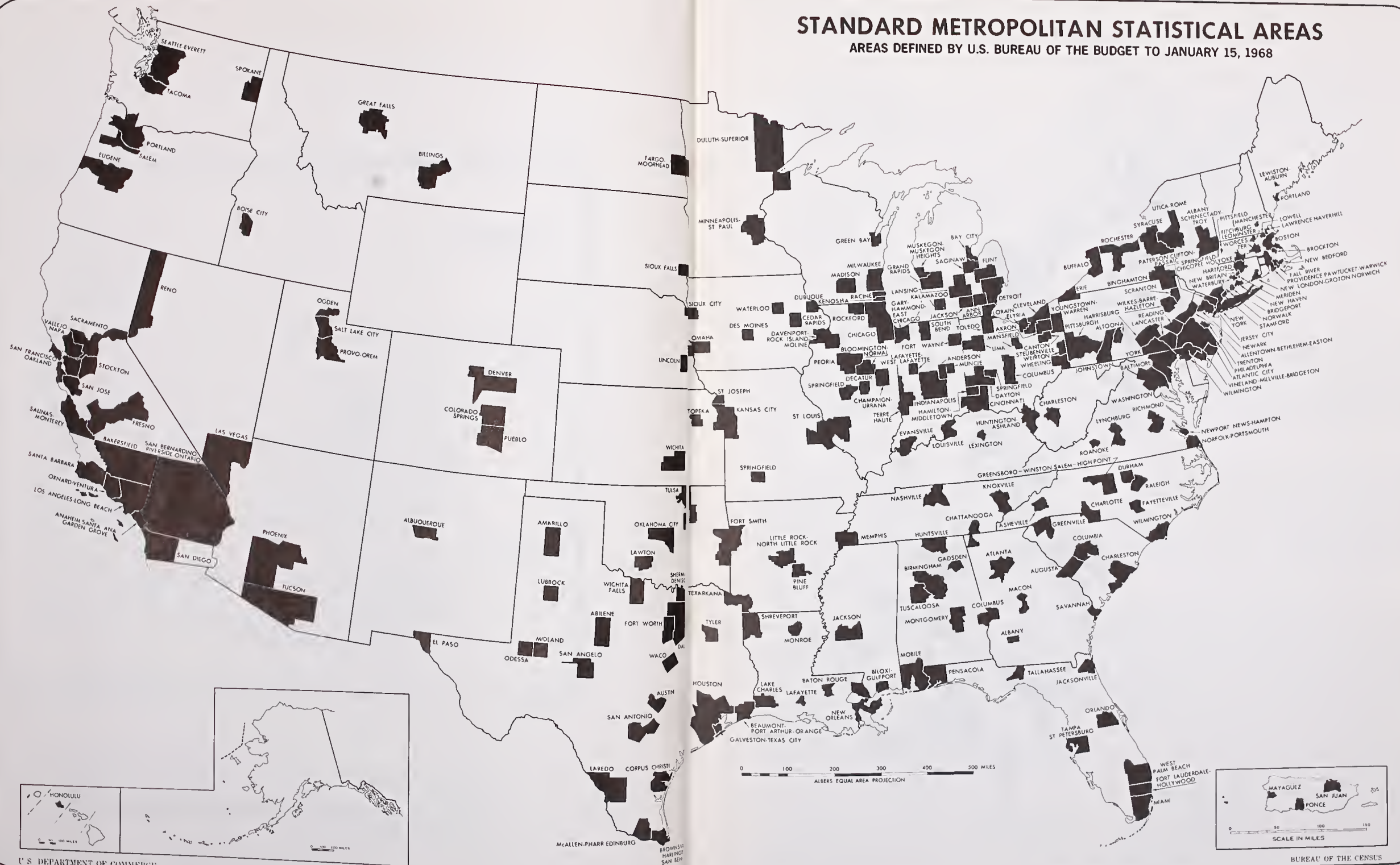
The chapters of this volume were published earlier as separate reports in the 1967 Census of Manufactures series MC67(1).

Data in this volume include all significant corrections uncovered after publication of the separate reports. The 1963 and other historical data include all significant corrections made since the latest publication of these figures.



# STANDARD METROPOLITAN STATISTICAL AREAS

AREAS DEFINED BY U.S. BUREAU OF THE BUDGET TO JANUARY 15, 1968



U.S. DEPARTMENT OF COMMERCE

BUREAU OF THE CENSUS





# Chapter 1

## INTRODUCTION

### I. GENERAL BACKGROUND

1. The Economic Censuses
2. Characteristics of the Industrial Sector
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## I. GENERAL BACKGROUND

### 1. THE ECONOMIC CENSUSES

**General.**—The economic censuses provide a comprehensive statistical profile of a large segment of the national economy. In 1967, these censuses accounted for nearly 70 percent of the \$555 billion of national income originating in the private sector. The principal industry groups not covered were finance, insurance, and real estate; agriculture and forestry; communications; and electric, gas, and sanitary services.

**Uses and Users of Census Data.**—The economic censuses are the primary source of facts about the structure and functioning of the economy and therefore provide information essential both for government and business. They furnish an important part of the framework for such composite measures as the national accounts. The census measures also provide weights and serve as benchmarks for current surveys of industrial activity and for indexes of industrial production, productivity, and price, all of which are essential in developing the general background for understanding particular economic situations.

There is widespread use of the economic censuses by manufacturers and distributors who need to establish measures of their potential markets in terms of areas, kinds of business, and kinds of products; and by management in various industries and trades which need facts for purposes of economic or sales forecasting, for analysis of sales performance, for the layout of sales territories, for the allocation of advertising budgets, and for the location of plants, warehouses, and stores. For these business purposes, census facts are invaluable. Likewise, trade and professional associations need census information to learn how their industry is changing; chambers of commerce need to know how their community is changing. State and local governments need to understand the business structure and changes occurring in their areas. Business magazines rely on census facts as background for many of their articles.

Following every census, reports are purchased by thousands of business and other users; likewise, census facts are widely disseminated by trade associations, business journals, and the daily press; census volumes are available in all the major public and college libraries.

**History.**—The first statistical survey which can be called an economic census covered the year 1809, when inquiries on manufacturing were included with the 1810 census of population. Although the results of this pioneer effort were unsatisfactory by modern standards,<sup>1</sup> continued interest in measurement of the Nation's economic progress led to successive improvements during the 19th century. By 1890, the statistical standards and procedures followed in conducting the censuses were of a fully professional quality.

All of the decennial censuses from 1810 through 1940, with the exception of 1830, included questions on manufacturing. Inquiries on mining first appeared in 1840, and censuses of mineral industries were conducted decennially through 1940. Although some business-related data were collected in 1840, the first census of business was taken for the year 1929. This included retail trade, wholesale trade, and construction; selected service trades were covered beginning with 1933. Dates of these and other economic censuses from 1809 are shown in table A.

**Enterprise Statistics.**—The coordinated collection and tabulation of comparable data for several sectors beginning with 1954 has permitted the Census Bureau to develop its enterprise statistics program, which relates census company-level data to the establishment data. Thus, a measurement of the integration and diversification of the American enterprise system becomes available. Also, through the enterprise statistics program, it has become possible to link census establishment-based data on a modified basis to other statistical systems such as the Internal Revenue Service's "Statistics of Income" for corporations.

**Legal Provisions.**—Title 13 of the United States Code specifies the frequency of the censuses, the kinds of activities to be covered, the obligation to report, the penalties for failure to report, and the confidentiality of returns. It also authorizes the use of sampling techniques in conducting censuses. As amended

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<sup>1</sup>For an appraisal of early censuses of manufacturing, see Meyer H. Fishbein, *The Censuses of Manufactures 1810-1890*. National Archives Publication No. 63-22, June 1963. Government Printing Office.



TABLE A. Years Covered by U.S. Economic Censuses: 1809 to 1967

Year covered	Manufactures	Minerals	Fisheries	Construction	Retail and wholesale trade	Selected services	Transportation
1809.....	x	-	-	-	-	-	-
1819.....	x	-	-	-	-	-	-
1839.....	x	-	-	-	-	-	-
1840.....	-	x	-	-	-	-	-
1849.....	x	-	-	-	-	-	-
1850.....	-	x	-	-	-	-	-
1859.....	x	-	-	-	-	-	-
1860.....	-	x	-	-	-	-	-
1869.....	x	-	-	-	-	-	-
1870.....	-	x	-	-	-	-	-
1879.....	x	-	-	-	-	-	-
1880.....	-	x	x	-	-	-	-
1889.....	x	x	x	-	-	-	-
1899.....	x	-	-	-	-	-	-
1902.....	-	x	-	-	-	-	-
1904.....	x	-	-	-	-	-	-
1908.....	-	-	x	-	-	-	-
1909.....	x	x	-	-	-	-	-
1914.....	x	-	-	-	-	-	-
1919.....	x	x	-	-	-	-	-
1921.....	x	-	-	-	-	-	-
1923.....	x	-	-	-	-	-	-
1925.....	x	-	-	-	-	-	-
1927.....	x	-	-	-	-	-	-
1929.....	x	x	-	x	x	-	-
1931.....	x	-	-	-	-	-	-
1933.....	x	-	-	-	x	-	-
1935.....	x	x	-	x	x	x	-
1937.....	x	-	-	-	-	-	-
1939.....	x	x	-	x	x	x	-
1947.....	x	-	-	-	-	-	-
1948.....	-	-	-	-	x	x	-
1954.....	x	x	-	-	x	x	-
1958.....	x	x	-	-	x	x	-
1963.....	x	x	x	-	x	x	x
1967.....	x	x	x	x	x	x	x

in 1964, Title 13 requires the economic censuses to be taken at 5-year intervals, covering the years ending in "2" and "7." The next censuses will cover the year 1972. The pertinent portions of Title 13 are quoted in appendix E.

## 2. CHARACTERISTICS OF THE INDUSTRIAL SECTOR

**General.**—In terms of the major industry divisions established in the national accounts, manufacturing is the largest sector of the economy. In 1967, manufacturing plants employed 19 million persons, 26 percent of the civilian labor force of 74 million. Over the past 20 years, as shown in table B, national income originating in manufacturing has averaged 30 percent of the total. The next largest sector, wholesale and retail trade, declined from 19 percent in 1947 to 15 percent in 1967.

**Cyclical Changes.**—The need for frequent and comprehensive statistics on manufacturing derives as much from its sensitivity to

cyclical influences as from its relative size. Cyclical changes in income originating in manufacturing tend to be relatively larger than in the economy as a whole.

Within manufacturing, durable goods industries accounted for about 58 percent of all manufactures during recent periods. This category tends to be more volatile than nondurable goods, generally accounting for a smaller percentage of all manufactures during periods of contraction and a larger percentage during periods of expansion. In the early thirties, for example, as shown in table C, durable goods manufacturing amounted to only about one-third of the total.

**Geographic Distribution.**—In the 19th century, manufacturing activity was concentrated in the Northeast. Over the past hundred and twenty years, as shown in table D, there has been a steady decline in the proportion accounted for by the Northeastern States, and a marked growth in the South and West.



TABLE B. National Income by Industry Division for Selected Years

Industry	1929	1939	1947	1954	1958	1963	1967
	Billions of dollars						
All industry divisions, total.....	86.8	72.6	199.0	303.1	367.8	481.9	653.3
Manufacturing.....	21.9	18.1	59.5	94.6	107.8	143.8	195.2
Nondurable goods.....	10.6	9.1	28.0	39.7	45.7	57.5	75.5
Durable goods.....	11.3	9.0	31.5	54.9	62.0	86.3	119.7
Wholesale and retail trade.....	13.5	12.6	37.6	48.3	58.2	73.3	97.5
Government and government enterprises....	5.1	8.5	18.7	36.1	46.9	64.8	93.8
Services.....	8.8	7.6	18.1	27.8	38.4	54.1	78.5
Finance, insurance, and real estate.....	12.8	8.0	16.1	32.0	40.9	53.6	71.9
Contract construction.....	3.8	2.3	8.4	15.6	19.0	24.1	33.2
Transportation.....	6.6	4.6	11.6	14.6	16.6	20.0	25.2
Agriculture, forestry, and fisheries.....	8.5	6.0	18.9	16.4	18.0	18.6	21.6
Electric, gas, and sanitary services.....	1.6	1.8	2.8	5.9	7.4	10.3	12.6
Communication.....	1.1	1.1	2.3	5.1	7.0	9.8	13.1
Mining.....	2.1	1.6	4.2	5.3	5.7	6.0	6.3
Rest of the world.....	0.8	0.3	0.8	1.6	2.0	3.4	4.5
	Percent of total						
All industry divisions, total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Manufacturing.....	25.2	24.9	29.8	31.2	29.2	29.8	29.9
Nondurable goods.....	12.2	12.5	14.0	13.0	12.4	12.0	11.6
Durable goods.....	13.0	12.4	15.8	18.1	16.8	17.8	18.3
Wholesale and retail trade.....	15.5	17.3	18.8	15.9	15.8	15.2	14.9
Government and government enterprises....	5.8	11.7	9.3	11.9	12.7	13.4	14.4
Services.....	10.1	10.4	9.0	9.1	10.4	11.2	12.0
Finance, insurance, and real estate.....	14.7	11.0	8.1	10.5	11.1	11.0	11.0
Contract construction.....	4.4	3.2	4.2	5.1	5.1	5.0	5.1
Transportation.....	7.6	6.3	5.8	4.8	4.5	4.2	3.9
Agriculture, forestry, and fisheries.....	9.7	8.3	9.4	5.4	4.8	3.8	3.3
Electric, gas, and sanitary services.....	1.8	2.4	1.4	1.9	2.0	2.1	1.9
Communication.....	1.2	1.4	1.1	1.6	1.9	2.0	2.0
Mining.....	2.4	2.2	2.1	1.7	1.5	1.2	1.0
Rest of the world.....	0.9	0.4	0.4	0.5	0.5	0.6	0.7

Source: Survey of Current Business, August 1965, pp. 42-45; July 1966, p. 15; and July 1970, p. 21.

**Size Distribution.**—While there are many small manufacturing plants, they account for a relatively small part of the total output of goods. As shown in table E, over half of the plants covered in the 1967 census had less than 10 employees but they accounted for less than 3 percent of the total value added by manufacture.

### 3. ROLE OF THE CENSUS OF MANUFACTURES

In the farm-oriented economy of the 19th century, industrial statistics played a relatively small role in government policy formation. A few series on physical output of commodities originated either from private sources (flour, iron, and steel, etc.) or as a byproduct of tax collection or other government functions (liquors, beer, tobacco products, etc.). Other than these, the only sources of information on the manufacturing sector were the censuses of manufactures, then taken at 10-year intervals. Today, the need for industrial statistics has greatly increased, and the user finds a vast array of detailed information covering virtually every measurable aspect of industrial activity including employment, payrolls, hours worked, production, prices, inventories, orders, investment in structures, machinery, and equipment, and consumption of raw materials,

fuels, and water. Many of these statistics are available at frequent intervals and on a timely basis. Sophisticated indicators of economic progress have also been developed such as price and production indexes, gross national product, and national income, published at monthly or quarterly intervals.

In this setting, the census of manufactures still plays an essential role since no other source provides such comprehensive and detailed information on the structure of the industrial sector. In effect, the census obtains, for every manufacturing plant with one employee or more, data on its input of labor, materials, and capital, its output of products and services, its location, and the legal form of organization of the owning firm.<sup>2</sup> These facts are obtained in sufficient detail to permit classification by industry, by size of plant, by homogeneity of output and, where desirable, by type of operation, extent of vertical integration, kind of equipment, relationship to other plants of the same firm, and other characteristics.

<sup>2</sup> For 1967, some of this information for 120,000 small companies was not obtained directly but estimated from administrative records. See the discussion of coverage of establishments in sections 4 and 6 below.

TABLE C. Total National Income and Amounts Originating in Durable and Nondurable Manufactures for Selected Years

(Dollar values in billions)

Year	National income	National income originating in manufacturing			Manufacturing as a percent of national income	Durable goods industries as a percent of total manufacturing
		Total	Nondurable goods industries	Durable goods industries		
1967.....	653.6	195.2	75.5	119.7	30	61
1966.....	620.6	191.5	72.9	118.5	31	62
1965.....	564.3	172.6	66.5	106.1	31	61
1964.....	518.1	155.6	61.9	93.6	30	60
1963.....	481.9	143.8	57.5	86.3	30	60
1962.....	457.7	137.0	55.6	81.4	30	59
1961.....	427.3	125.1	52.8	72.3	29	58
1960.....	414.5	125.8	52.2	73.6	30	59
1959.....	400.0	124.0	51.1	72.9	31	59
1958.....	367.8	107.7	45.7	62.0	29	58
1957.....	366.1	116.3	46.4	69.9	32	60
1956.....	350.8	113.1	46.2	66.8	32	59
1955.....	331.0	107.9	44.0	63.8	33	59
1954.....	303.1	94.6	39.7	54.9	31	58
1953.....	304.7	100.4	40.3	60.1	33	60
1952.....	291.4	92.5	38.2	54.3	32	59
1951.....	278.0	90.2	38.4	51.8	32	57
1950.....	241.1	76.2	33.3	42.9	32	56
1949.....	217.5	64.8	30.5	34.2	30	53
1948.....	224.2	68.7	32.9	35.8	31	52
1947.....	199.0	59.5	28.0	31.5	30	53
1943.....	170.3	58.3	19.6	38.6	34	66
1939.....	72.6	18.1	9.1	9.0	25	50
1935.....	57.2	13.4	7.3	6.1	23	46
1933.....	40.3	7.7	4.9	2.8	19	36
1932.....	42.8	7.3	5.2	2.1	17	29
1929.....	86.8	21.9	10.6	11.3	25	52

Source: Survey of Current Business, August 1965, pp. 42-45; July 1966, p. 15; July 1968, p. 23; and August 1970, p. 21.

General statistics (that is, total employment, payroll, production-worker employment, man-hours, wages, cost of materials, value of shipments, inventories, capital expenditures, and value added by manufacture) from the census of manufactures are published by industry, by area, by employment size of establishment, by degree of product specialization within plant, and by type of ownership. Information is supplied on the detailed industrial characteristics of each State and large standard metropolitan statistical area (SMSA); and overall measures of manufacturing activity are shown at the county and individual city level down to cities of 10,000 or more population. The compilation entitled "Location of Manufacturing Plants" shows, for each of the 3,100 counties in the United States, the number of manufacturing plants, by size, for each of 420 industries. Information such as this constitutes a periodic inventory of the Nation's manufacturing economy that provides a benchmark for measuring the changes in its structure.

The census of manufactures also provides benchmarks from which more frequent surveys can be developed on a sample basis. In fact, the present legislation specifying that censuses be conducted every 5 years authorizes an Annual Survey of Manufactures (ASM) on a sample basis during the intervening years. After each 5-year census, a new sample is drawn utilizing the characteristics recorded for each company in the census. The sample, constituting about one-fifth of the establishments but with complete coverage of all large ones, provides an annual

updating of the census of manufactures in terms of broad measures of economic activity. It provides the same basic measures of economic activity of the plant such as employment, payrolls, value of shipments, value added by manufacture, as does the census of manufactures, but contains less detailed information on products, materials consumption, and equipment.<sup>3</sup>

The census of manufactures not only is a benchmark for many of the surveys conducted by the Census Bureau itself on a more frequent basis but also is the means of updating other indicators of economic activity. It provides very important information on the manufacturing segment used in the national income accounts. Census data on materials consumed and product output are basic to the manufactures sector of the input-output studies of the Office of Business Economics. The information derived from the census of manufactures is also used to develop indexes of industrial production for census years. These indexes are used as benchmarks for the monthly Federal Reserve Board Index of Industrial Production—a key indicator of

<sup>3</sup>Since the ASM is based on a sample, the cross-classifications by industry and by area are fewer than in the census of manufactures. At the U.S. level, statistics are published in the annual survey for practically all of the 420 industries. However, at the State and SMSA levels, statistics are published only for 3-digit and 2-digit industry groupings, respectively. At the county level, information is published for about 10 percent of the 3,100 counties. These 300-odd counties are the larger ones in terms of manufacturing activity and account for about 80 percent of total manufacturing employment. No information is published at the city level.



TABLE D. Employment in Manufacturing Establishments,  
by Region: 1849 to 1967

Year	United States	Northeast	North Central	South	West
Number of employees (thousands)					
1967.....	18,492	5,573	6,059	4,553	2,305
1963.....	16,235	5,190	5,239	3,780	2,025
1958.....	15,423	5,242	5,017	3,382	1,779
1947.....	14,294	5,429	5,109	2,710	1,054
1939.....	9,527	3,879	3,184	1,852	612
1929.....	10,198	4,246	3,516	1,758	675
1899.....	5,077	2,629	1,474	793	181
1849.....	957	696	110	146	4
Percent of U.S. total					
1967.....	100	30	33	25	12
1963.....	100	32	32	23	13
1958.....	100	34	33	22	12
1947.....	100	38	36	19	7
1939.....	100	41	34	20	6
1929.....	100	42	35	17	7
1899.....	100	52	29	16	4
1849.....	100	73	12	15	-

Source: Census of Manufactures.

Note: Detail may not add to totals because of independent rounding. 1849 data include hand and neighborhood industries, which were excluded from the censuses of manufactures beginning with 1899.

TABLE E. Cumulative Percentage of Number of Manufacturing Establishments and Value Added by Manufacture, by Size Class of Establishment: 1967

Size class	Number of establishments	Value added by manufacture
1 to 4 employees.....	38.4	1.1
1 to 9 employees.....	51.3	2.3
1 to 19 employees.....	64.9	5.1
1 to 49 employees.....	80.9	12.1
1 to 99 employees.....	89.0	20.0
1 to 249 employees.....	95.5	34.9
1 to 499 employees.....	98.0	48.7
1 to 999 employees.....	99.2	62.0
1 to 2,499 employees.....	99.7	77.0
All establishments, total...	100.0	100.0

current economic activity. The census and ASM also provide benchmarks for hundreds of monthly and quarterly surveys of commodity output conducted by the Census Bureau, other government agencies, and by manufacturers' associations.

#### 4. INDUSTRY AND PRODUCT CLASSIFICATION

Structure of the Standard Industrial Classification.—The basic classification system employed in the economic censuses is the Standard Industrial Classification (SIC). The SIC was developed for use in the classification of establishments by type of activity in which engaged. It covers the entire field of economic activities, subdivided as follows:

Industrial division	Title	Major groups
A	Agriculture, forestry, and fisheries	01-09
B	Mining	10-14
C	Contract construction	15-17
D	Manufacturing	19-39
E	Transportation, communication, electric, gas, and sanitary services	40-49
F	Wholesale and retail trade	50-59
G	Finance, insurance, and real estate	60-67
H	Services	70-89
I	Government	91-94
J	Nonclassifiable establishments	99

Below the major group level, the SIC provides for 3-digit groups and finally for 4-digit industries. To illustrate—

##### Division D.—Manufacturing

Major Group 20 .....	Food and kindred products
Industry group 202 .....	Dairy products
Industry 2023 .....	Condensed and evaporated milk

The SIC is the responsibility of an intragovernmental technical committee headed by the Office of Management and Budget (formerly Bureau of the Budget). The system is used by all Federal Government agencies engaged in the classification of establishments. To facilitate comparison with Federal statistics and the filing of reports, many state and local governments and business concerns organize their own records along SIC lines.

The first SIC manual was issued in 1939. For the manufacturing sector, the nucleus of the manual was the census of manufactures industry classifications developed over a period of many years.<sup>4</sup>

Structure of the SIC Manufacturing Division.—For the manufacturing division, the 21 2-digit SIC Major Groups (19 to 39) are subdivided into 149 3-digit SIC Groups (191 to 399) and into 422 4-digit industries (1911 to 3999). While the SIC contains 422 industries, the Bureau of the Census has combined two small industries with others for a total of 420 industries.

Most of the 422 manufacturing industries are defined in terms of a specific group of related products. Usually, the products are made of similar materials and by similar processes, and are competitive. In determining the boundaries of product-

<sup>4</sup>For the manufacturing industries, a revised manual was issued in 1945 which, with minor modifications, was used in the 1947 census of manufactures. For the 1954 census, the classification structure used in 1947 was again employed, again with minor modifications. In 1957, the SIC system was extensively revised for manufacturing industries and historical comparability of some data was seriously affected. This revision and its effects on census series are described in the introduction and appendixes to the 1958 census volumes. Minor revisions of the SIC between 1958 and 1967 introduced some 4-digit industry changes but none of them crossed 3-digit group lines. Another extensive revision of the SIC, now under way, is scheduled to be effective with 1972.



defined industries,<sup>5</sup> it is essential that each industry comprise a group of establishments whose output of products defining the industry (primary products) accounts for a relatively high proportion of the total shipments of the industry as well as of the total shipments of these primary products by establishments in all manufacturing industries. Some industries are defined in terms of the processes or equipment used regardless of the final product of the establishment. A small number of industries are basically defined by material used as well as final product of the plant.

There are wide differences among industries in the extent to which the establishments classified in the industry (a) account for the total production of commodities "primary" to the industry, (b) produce products or services "belonging" to other industries (that is, secondary products), and (c) use similar materials or processes. While these variations are frequently construed to be shortcomings, the fact is that the limitations observed in the classification structure arise from the inherent complexity of our economic system and from the disparity in the methods of production among the individual producing units of which it is comprised. The data collected in the census of manufactures provide a statistical basis for a critical evaluation of the classification system; that is, for assessing the boundaries between industries, the growth and decline of industries, and the impact of technological change on the classification of industries.<sup>6</sup>

No general-purpose system of industrial classification can hope to satisfy all users of census data. Some business users will be interested primarily in data relating only to themselves and to their competitors in the production of a narrow range of products; others will wish data relating to all products, including complementary and substitutable products, competing in a particular market; others may wish data relating to the consumers of one or more types of materials. Some may be interested only in the data for plants producing a specific product; others only for those plants producing a "full line" of products. The large number of SIC industries provides the analyst with the "building blocks" for obtaining useful approximations, if not "clean" data, relevant to many of these problems. But, at best, a single general-purpose system of classification can only partially satisfy these diverse needs; a point is soon reached beyond which the adaptation of a system to serve one use somewhat better will reduce its ability, often disproportionately, to serve an alternative use.

Accordingly, users of data frequently regroup detailed SIC industries into broad groupings along lines different from those in the SIC 2- and 3-digit categories. The Federal Reserve Board for many years has made combinations to stress such criteria as durable, nondurable, consumers, producers, finished, intermediate goods, etc. Other public and private agencies also recombine the detailed classes. By and large, the 4-digit industries are susceptible to allocation to such categories, while the 2-digit SIC groups are not.

**Subindustries.**—To increase the usefulness or improve the editing of the data, the Census Bureau frequently has further classified the basic 4-digit SIC industries into "subindustries." This device is employed where there are wide disparities in the operating

ratios of the plants in the industry because of differences among plants in the degree of vertical integration, technology, methods of distribution, geographic location, types of materials used, etc. This technique was used for about 65 manufacturing industries for editing purposes and many were regarded as significant enough to be used for publication: For example, the bakery industry (SIC 2051) is subdivided into wholesale bakeries, chain-store bakeries, home-service bakeries, and retail multi-outlet bakeries and many apparel industries (Group 23) are subclassified into manufacturers, contractors, and jobbers.

To provide a further measurement of variations within 4-digit industries, the Bureau also subclassifies establishments by the degree to which they produce the primary products or specific classes of primary products of the 4-digit industry. This is in effect a subindustry classification based on degree of product specialization which is published in table 8 of the industry chapters.

**Definition of Manufacturing.**—As defined in the SIC, manufacturing is the mechanical or chemical transformation of inorganic or organic substances into new products. The assembly of component parts of products is also considered to be manufacturing if the resulting product is neither a structure nor other fixed improvement. These activities are usually carried on in plants, factories, or mills, which characteristically use power-driven machines and materials-handling equipment.

Manufacturing production is usually carried on for the wholesale market, for transfer to other plants of the same company, or to the order of industrial users rather than for direct sale to the household consumer. However, some manufacturers (for example, baking, milk bottling, etc.) sell chiefly at retail to household consumers through the mail, through house-to-house routes, or through salesmen. Some activities of a service nature (enameling, binding, platemaking, etc.) are included in manufacturing when they are performed primarily for trade; but they are considered nonmanufacturing when they are performed primarily to the order of the household consumer. On the other hand, some manufacturing industries include business firms which perform only the entrepreneurial functions of buying the materials and designing and marketing the product, but have the actual production done on contract (for example, apparel jobbers).

**Auxiliary Units.**—In addition to the production of goods and manufacturing services, manufacturing plants engage in related and diverse supporting activities. These activities encompass the acquisition of materials to be processed, their movement into the manufacturing facility, their storage at the manufacturing site, the operation and maintenance of plant and equipment, the design of flow of work through the production process, and necessary arrangements for shipment of output to customers. Also included are a host of subsidiary activities associated with the operation of the establishment as a manufacturing entity (for example, management and policy formation, product and market orientation, engineering and quality control, recordkeeping and accounting, physical security of plant and equipment, and the like). Such subsidiary activities may be performed by personnel located at the manufacturing facility or at an auxiliary unit serving one or more manufacturing locations of the same company. Where these activities are carried on at a different physical location or are performed for more than one plant, they are excluded from the figures for operating manufacturing establishments and are included in the data shown for central administrative offices and auxiliaries. (See the description of the questionnaire used for these establishments, Form NC-X6, in section 7, below.)

<sup>5</sup>Frequently, business analysts and other data users look at a group of products from more than one point of view. For example, modern high-speed computers are classified as office machines. This describes the purpose of the product. In a physical sense, however, such computers would be described as electronic devices. Similarly, paper bags, wooden boxes, glass bottles, tin cans, and steel barrels may all be classified as containers or they may be individually grouped with other products of similar materials such as converted paper products, wood products, glass products, etc.

<sup>6</sup>See *Industry Classification and Sector Measures of Industrial Production* by James W. McKie, Bureau of the Census Working Paper No. 20, 1965, and *Historical Comparability of Census of Manufactures Industries, 1929-1958* by Harold T. Goldstein, Bureau of the Census Working Paper No. 9, 1959.



**Marginal Activities.**—The following types of activities, while having some of the characteristics usually found in manufacturing, are considered as nonmanufacturing and, therefore, are excluded from the census:

(a) Processing on farms when the raw materials are grown on the farm and the manufacturing activities (poultry dressing, milk and butter production, logging) are on a small scale without extensive use of paid labor. Also custom milling, cotton ginning, egg hatching, and similar activities closely associated with agriculture are excluded.

(b) Mineral preparation such as the crushing, screening, and concentrating of ores. However, mining performed as a secondary activity in conjunction with manufacturing is included in the census unless a separate report for the mining activity was filed; for example, stone and clay mining at cement, lime, and clay products plants.

(c) Custom work to the individual order of household consumers. Examples are custom tailoring, woodworking, lettering on monuments, setting of diamonds, and the making of orthopedic appliances.

(d) Repair and other service activities, except specified services performed "for the trade." Repair shops of railroads are also excluded.

(e) Production of coke for own use by establishments owned by public utility companies.

In the 1967 census, no attempt was made to measure the extent of manufacturing at locations which are not primarily manufacturing plants, such as retail establishments which sell most of their products on the premises directly to household consumers (retail bakeries,<sup>7</sup> ice cream stores, etc.), or manufacturing by construction contractors at the site (for example, production of paving mixtures).

Conversely, it is not unusual for manufacturing establishments to engage also in nonmanufacturing activities such as repair work, merchandising of products without further processing, and installation work. Ordinarily, these nonmanufacturing receipts are small in relation to the manufacturing activities and, therefore, it is not difficult to determine that the establishments should be included in the manufactures area. However, if the nonmanufacturing activities account for a significant proportion of total receipts of an establishment, the classification of that establishment into the appropriate major economic sector is more difficult.

In the 1967 economic censuses, an establishment engaged in a combination of manufacturing and merchandising was assigned either to the manufacturing or the trade industries depending on which of these activities was estimated to account for the larger share of its "value added" or "income produced." This criterion, even though based on approximation, was considered preferable to reported dollar volume of receipts from each type of activity in determining the primary industry, since manufacturing requires considerably more man-hours, salaries and wages, and capital inputs per dollar of receipts than either wholesaling or retailing. However, in classifying establishments engaged in manufacturing and also in mining, repair work, installation, construction, or other nonmanufacturing services, dollar receipts were used as the basis of classification because these activities require substantially comparable input per dollar of receipts.

<sup>7</sup>Separate data for retail bakeries with baking on the premises were included in the retail census publications, however.

**Establishment Basis of Reporting.**—The SIC is an establishment classification system, and the census of manufactures is conducted on an establishment basis. That is, a company operating establishments at more than one location is required to submit a report for each location; also, a company engaged in distinctly different lines of activity at one location is required to submit separate reports if the plant records permit such a separation and if the activities are substantial in size.

The requirement that distinct lines of activity at the same location be separately reported was selectively applied where the establishment produced and shipped significant amounts of products classified in different SIC industries. In widely varying degrees, this product overlap exists in many manufacturing establishments. Generally, the amounts involved are not significant enough to warrant the filing of separate reports, even if feasible. However, there are a number of locations at which large numbers of employees are engaged in each of two or more distinct lines of manufacturing as defined in the SIC. Frequently, companies organize their operations and their records separately where diverse activities are large (for example, with more than 100 employees in each line of activity) and choose to report them as separate plants. When they do not do so on their own initiative, the Census Bureau requests separate reports. For the most part, companies have responded favorably, particularly for very large operations where failure to "split out" the different activities would significantly distort the relationship of the industry and product statistics. Not infrequently, though, the two groups of products were made on the same production lines by many of the same employees and could not be distinguished sufficiently in company records to provide establishment-type reporting.

SIC industry definitions take account of special situations where otherwise separately classifiable activities are frequently combined at one location. For example, in the lumber area the definition of industry 2421, Sawmills and Planing Mills, General, recognizes the situation that sawmills may include logging operations. Similarly, in the pulp and paper area, pulpmills operated in combination with papermills are included in one report.

**Coverage of Establishments.**—The censuses of manufactures for 1947 to date have included establishments with one employee or more. In the 1967 census, for the first time, reports were not obtained directly from all such establishments. Approximately 120,000 small manufacturing firms<sup>8</sup> were excused from filing reports; under special arrangements which safeguarded the confidentiality of both tax and census records, limited data on payrolls, sales, and industry classification from the administrative records of the Social Security Administration (SSA) and the Internal Revenue Service (IRS) were made available to the Census Bureau for use in the 1967 economic censuses. Estimates for data other than payrolls and sales for these small establishments were constructed from historical industry ratios. The effect on industry aggregates is slight in most industries; for manufacturing as a whole, they account for only 1.2 percent of the value added. Detailed product and materials data for these small establishments were not estimated; the entire value of product shipments and cost of materials was imputed to a "not specified by kind" category.

In the censuses of 1921 through 1939, establishments with less than \$5,000 value of products were excluded. For 1899 to 1919, the limit was \$500. The change in the minimum size limit to an employment basis in 1947 did not appreciably affect the overall comparability of earlier census figures, except for the number of establishments.<sup>9</sup>

<sup>8</sup>The characteristics of these firms are discussed below in section 15.

<sup>9</sup>This point is discussed at greater length in the Introduction to the 1947 volumes.



A sample survey of manufacturing plants with no paid employees was conducted in conjunction with the 1958 census. While there were nearly 52,000 establishments in this category in that year, they accounted for only about one-quarter of 1 percent of the total value of shipments of all manufacturing industries. The proportion was higher for certain industry groups such as lumber and wood products and printing and publishing.

As indicated above, report forms were not mailed to 120,000 very small establishments. These establishments were assigned the industry classifications to which they had been coded in the 1963 Census of Manufactures, or if they had begun in business after 1963, on the basis of brief descriptions of the general activity of the establishment as reported to the Social Security Administration. Where the description is incomplete or there are relatively fine lines of demarcation between industries or between manufacturing and nonmanufacturing activity, the code assigned to an establishment could differ from that which would have been assigned on the basis of more complete product information. Therefore, the total establishment count should be viewed as an approximation rather than a precise measurement. The counts for establishments with 20 or more employees are far more reliable than the total number of establishments.

**Primary and Secondary Products.**—As applied in the economic censuses, the SIC coding system operates in such a way that the definitions become progressively narrower with successive additions of numerical digits. At one extreme are the 21 very broad 2-digit groups and at the other about 10,500 individual 7-digit products. In between are approximately 150 3-digit groups, 420 4-digit industries, and 1,200 5-digit product classes. The 7-digit products and 5-digit product classes are considered the primary products of the industry with the same first four digits as the product code. Accordingly, an establishment is classified in a particular industry if its production of the primary products of that industry exceeds in value its production of products of any other single industry. The industry code assigned to the establishment is derived from a summation of values for 7-digit product codes to their 4-digit industry and the selection of the largest such value as the establishment's industry classification. However as mentioned earlier, the industry classification of an establishment may be determined not only by the products it makes but also by the processes employed or materials used in making those products.

While some establishments produce only the primary products of the industry in which they are classified, it rarely happens that all the establishments in an industry specialize to this extent. Therefore, the general statistics (employment, payrolls, inventories, value added by manufacture, total value of shipments, capital expenditures, etc.) shown for an industry (tables 1 to 4 of the industry chapters in Volume II) reflect not only the primary activities of the establishments in that industry but also their activities of a secondary nature. The product statistics in table 6 of the industry chapters represent the total output of specific products whether they are produced by establishments classified in the same industry as the product or not. For this reason, in relating the industry statistics in the industry chapters, especially the industry total value of shipments (tables 1 to 4), to the product statistics (table 6), the composition of the industry's output as shown in tables 5A and 5B should be considered.

The extent to which industry and product statistics may be matched with each other is measured by the two ratios which are computed from tables 5A and 5B. The first of the ratios, called the primary product specialization ratio, describes the proportion of product shipments (both primary and secondary) of the industry represented by primary products. The second, defined as the coverage ratio, is the proportion of primary products

shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

**Degrees of Integration.**—In many industries, establishments making products falling into the same industry category use a wide variety of processes and materials to produce them. Also, within the same industry classification based on end products, may be included those establishments which are vertically integrated and those which put only the finishing touches on an already highly fabricated purchased item. For example, in the refrigeration industry, there are instances of almost complete process integration in which the production of the compressor and condensing unit, electric motor, and even the castings for those intermediate products, as well as the stamping of the case and the final assembly, are all carried on at one plant. In other plants, the condensing unit, the motor, and the case may be purchased and merely assembled into the finished product.

In some instances, nonintegrated plants have been placed in separate industry categories from the integrated plants. In many industries, the census provides separate statistics on departmental operations or on the production of intermediate commodities made and used in the producing plant. When an industry includes plants which ship a significant proportion of their output to other plants of the same company, separate figures are usually shown on the interplant transfers.

These differences in the integration of production processes, types of operations, and types of materials used should be taken into account when relating the general items (employment, payrolls, value added, etc.) to the product and materials data. For those industries where the integrated type of operations is of consequence, that fact is pointed out in the explanatory text for the industry.

**Industry Code Resistance.**—The production of many establishments is so evenly divided among two or more industry-determining product groups that the predominant groups (which can represent less than half of the total value if there are three or more groups) changes from year to year. In the ASM, these plants are prevented from shifting back and forth among industries due to minor shifts in product mix, by the application of a "resistance formula" in assigning industry classifications.

A resistance formula of the ASM type was first used in the 1963 Census of Manufactures and again applied in the 1967 census. In the 1967 census, the formula was applied only to establishments included in the 1966 ASM sample panel with certainty (that is, included with a probability of "1"). In general, certainty cases included all establishments of companies with at least one manufacturing plant with 100 employees or more (250 employees or more in the apparel manufacturing and printing and publishing industries). The formula gives approximately equal weight to the need for maintaining continuity in the establishment composition of an industry, thus improving the measurement of change, and the need for reflecting the industry's exact status at a point in time.

In the 1967 census, the industry classification of a certainty case was allowed to change from that assigned in 1966 under one of the following conditions:

- (1) The value of the 1967 primary products constituted 60 percent or more of its total value of product shipments, or

- (2) The value of the 1967 primary products, while less than 60 percent, was at least twice the value of the 1966 primary products in 1967, or



TABLE F. Value Added by Manufacture, by Regions, Divisions, and States: 1967

Region, division, and State	Value added by manu- facture, 1967	Percent of U.S. total	Region, division, and State	Value added by manu- facture, 1967	Percent of U.S. total
United States, total...	261,983.8	100.0	South Region--Con.		
Northeast Region.....	76,233.8	29.1	South Atlantic Div.--Con.		
New England Division.....	18,972.1	7.2	Virginia.....	4,067.7	1.6
Maine.....	1,069.5	.4	West Virginia.....	2,169.5	.8
New Hampshire.....	931.9	.4	North Carolina.....	6,606.5	2.5
Vermont.....	515.0	.2	South Carolina.....	3,030.3	1.2
Massachusetts.....	8,715.0	3.3	Georgia.....	4,683.6	1.8
Rhode Island.....	1,350.9	.5	Florida.....	3,682.7	1.4
Connecticut.....	6,389.8	2.4	East South Central Division	13,717.9	5.2
Middle Atlantic Division...	57,261.7	21.9	Kentucky.....	3,636.0	1.4
New York.....	25,246.7	9.7	Tennessee.....	4,921.1	1.9
New Jersey.....	12,738.2	4.9	Alabama.....	3,525.5	1.4
Pennsylvania.....	19,276.8	7.4	Mississippi.....	1,635.3	.6
North Central Region.....	91,788.1	35.1	West South Central Division	16,616.6	6.3
East North Central Division	75,015.6	28.6	Arkansas.....	1,557.7	.6
Ohio.....	20,435.4	7.8	Louisiana.....	2,790.3	1.1
Indiana.....	10,308.0	3.9	Oklahoma.....	1,346.2	.5
Illinois.....	20,016.5	7.6	Texas.....	10,922.4	4.2
Michigan.....	17,241.6	6.6	West Region.....	34,196.8	13.1
Wisconsin.....	7,014.1	2.7	Mountain Division.....	4,521.9	1.7
West North Central Division	16,772.5	6.4	Montana.....	311.6	.1
Minnesota.....	4,080.2	1.6	Idaho.....	503.4	.2
Iowa.....	3,250.9	1.2	Wyoming.....	86.2	-
Missouri.....	5,895.0	2.3	Colorado.....	1,509.2	.6
North Dakota.....	112.8	-	New Mexico.....	204.5	.1
South Dakota.....	171.3	.1	Arizona.....	995.3	.4
Nebraska.....	1,150.0	.4	Utah.....	777.9	.3
Kansas.....	2,112.4	.8	Nevada.....	133.8	.1
South Region.....	59,647.3	22.8	Pacific Division.....	29,674.9	11.3
South Atlantic Division....	29,312.8	11.2	Washington.....	3,764.2	1.4
Delaware.....	958.4	.4	Oregon.....	2,060.5	.8
Maryland.....	3,781.3	1.4	California.....	23,393.6	8.9
District of Columbia.....	332.8	.1	Alaska.....	130.4	.1
			Hawaii.....	326.2	.1

(3) The value of 1967 primary products, while not meeting either of the two prior conditions, exceeded the value of the 1966 primary industry's products in both 1967 and 1966 by at least 20 percent.

**The Classification of Products and Materials.**—In census industrial statistics, a commodity classification system based on the SIC is employed. The code numbers used in this system relate the commodity to the industry in which it is produced. For example, the 7-digit product code number 2023212 refers to canned evaporated milk. The first five digits of this code number, 20232, refer to the "product class" canned milk, and the first four digits, 2023, refer to the industry in which these products are made (the condensed and evaporated milk industry). The system is also applied to the coding of materials insofar as the first four digits are concerned; for example, the code number 013205 refers to whole milk used as a materials, and the first four digits of this code number, 0132, refer to the agricultural industry, dairy farms, where this product originates.

This SIC-based system is simpler than other systems for the coding of industrial products and materials used, since there is a

direct numerical relationship between commodities and industries. Complications occur in the few SIC industries defined in terms of processes or equipment used as well as products made. As an example, women's sweaters are produced in knitting mills (industry 2253) and also in cut-and-sew shops (industry 2339). To retain the industry-of-origin concept, therefore, it is necessary to assign different product code numbers to women's sweaters, depending on where they are made.

The SIC-based commodity classification is used in the Census Bureau's entire industrial statistics program, including monthly, quarterly, and annual surveys, and also in the census of wholesale trade. The Bureau also publishes data on imports and exports in terms of SIC-based categories as well as the traditional Schedule B and TSUSA systems.<sup>10</sup>

## 5. GEOGRAPHIC CLASSIFICATION

**Census Divisions and Regions.**—In order to present census data at a level intermediate between the U.S. total and those for the

<sup>10</sup>Schedule B is the U.S. export classification while TSUSA is applied to imports.

TABLE G. The 50 Largest SMSA's Ranked by Value Added by Manufacture: 1967 and 1963

Standard metropolitan statistical area	Number of employees (thousands)	Value added by manufacture	1967 rank	1963 rank	Standard metropolitan statistical area	Number of employees (thousands)	Value added by manufacture	1967 rank	1963 rank
New York, N.Y.....	1,147.4	13,803.5	1	1	Indianapolis, Ind.....	134.7	1,855.6	26	25
Chicago, Ill.....	983.1	13,755.3	2	2	Dallas, Tex.....	148.9	1,810.8	27	28
Los Angeles-Long Beach, Calif.....	855.4	12,088.2	3	3	Gary-Hammond-East Chicago, Ind.....	105.0	1,806.6	28	20
Detroit, Mich.....	584.5	8,498.1	4	4	Atlanta, Ga.....	117.2	1,604.0	29	30
Philadelphia, Pa.-N.J....	573.8	7,958.8	5	5	Jersey City, N.J.....	107.2	1,584.9	30	24
Cleveland, Ohio.....	306.8	4,297.0	6	6	Greensboro-Winston-Salem-High Point, N.C...	110.9	1,567.0	31	-
St. Louis, Mo.-Ill.....	295.5	4,158.9	7	7	Providence-Pawtucket-Warwick, R.I.....	138.0	1,533.9	32	32
Boston, Mass.....	316.2	4,155.5	8	9	Hartford, Conn.....	110.6	1,432.3	33	35
Newark, N.J.....	263.7	4,071.1	9	8	Akron, Ohio.....	101.1	1,400.8	34	33
Pittsburgh, Pa.....	299.6	3,838.1	10	10	Youngstown-Warren, Ohio..	82.9	1,260.5	35	38
San Francisco-Oakland, Calif.....	197.8	3,160.1	11	11	Toledo, Ohio-Mich.....	77.7	1,200.8	36	37
Milwaukee, Wis.....	216.5	2,982.5	12	13	Fort Worth, Tex.....	78.4	1,200.7	37	-
Rochester, N.Y.....	145.7	2,914.9	13	19	Beaumont-Port Arthur-Orange, Tex.....	33.2	1,166.4	38	-
Houston, Tex.....	138.1	2,873.0	14	18	Columbus, Ohio.....	83.0	1,162.2	39	34
Baltimore, Md.....	209.7	2,858.8	15	12	Bridgeport, Conn.....	79.5	1,150.0	40	41
Minneapolis-St. Paul, Minn.....	203.7	2,819.4	16	17	Denver, Colo.....	74.1	1,121.5	41	36
Cincinnati, Ohio-Ky.-Ind.....	166.8	2,704.1	17	15	Portland, Oreg.-Wash....	79.8	1,115.4	42	44
Buffalo, N.Y.....	176.2	2,653.5	18	14	Allentown-Bethlehem-Easton, Pa.-N.J.....	102.6	1,093.2	43	40
Paterson-Clifton-Passaic, N.J.....	190.0	2,506.6	19	16	Grand Rapids, Mich.....	75.7	1,091.4	44	42
Louisville, Ky.-Ind.....	110.0	2,082.5	20	22	Springfield-Chicopee-Holyoke, Mass.-Conn.....	73.3	947.7	45	47
Kansas City, Mo.-Kans....	129.4	2,070.7	21	23	Syracuse, N.Y.....	68.2	941.1	46	43
Seattle-Everett, Wash....	162.2	2,038.5	22	21	Birmingham, Ala.....	68.0	906.5	47	39
Anaheim-Santa Ana-Garden Grove, Calif.....	125.8	1,963.8	23	27	Canton, Ohio.....	62.5	896.6	48	48
Dayton, Ohio.....	126.2	1,908.4	24	26	Albany-Schenectady-Troy, N.Y.....	65.3	892.5	49	46
San Jose, Calif.....	120.3	1,907.5	25	29	New Orleans, La.....	55.5	860.1	50	50

Note: The Flint, Mich., SMSA falls within the top 50 SMSA's, but is excluded from this table to avoid disclosing figures for individual companies.

individual 50 States and the District of Columbia, the Census Bureau has used regional groupings for over a century. Since the 1909 Census of Manufactures, the present nine geographic divisions have been used. Beginning with the 1939 census, the nine divisions were also classified into four geographic regions: Northeast, South, North Central, and West.

Not only are these groupings convenient for the summary presentation of census data below the U.S. level, but they are also essential to presenting a maximum of geographic information where the individual State data cannot be shown without disclosing figures for individual companies. (See section 22, "Confidentiality".) The relative importance of manufacturing among the regions, divisions, and States is shown in table F.

**Standard Metropolitan Statistical Areas.**—In addition to the data for the legally constituted geographic units (States, counties, and cities), all manufacturing totals are shown for approximately 230 standard metropolitan statistical areas (SMSA).<sup>11</sup> In the 1967 tables, detail for 2-, 3-, and 4-digit industries is shown for any

SMSA when it would not disclose data for individual companies and the industry had at least 250 manufacturing employees. Prior to 1967, detail had not been shown for SMSA's with under 40,000 total manufacturing employment and only industry group figures were shown for SMSA's with 40,000 to 190,000 employees.

Standard metropolitan statistical areas are integrated economic and social units with a large volume of daily travel and communication between the central city (having 50,000 or more population) and outlying parts of the area. Each area (except in New England) consists of one or more whole counties. An area may contain not only highly industrialized counties but also adjoining counties which, though primarily residential in character, contribute significantly to the industrial counties' labor force and are socially and economically integrated with the central city. These areas were defined by the Federal Committee on Standard Metropolitan Statistical Areas for general-purpose use in presenting economic and social data. In the New England States, similar integration criteria have been applied in defining standard metropolitan statistical areas, but on a city and town basis, because towns are regarded as the significant unit in this region of the country.

<sup>11</sup>See appendix F for a description of each SMSA.



The requirement that each SMSA consist of county units (except in New England) sometimes results in the inclusion in an area of a considerable amount of territory which would not ordinarily be considered "metropolitan," much less "industrial." It is recognized that metropolitan areas could be more accurately defined in terms of smaller area segments such as minor civil divisions, but the usefulness of areas so defined would be limited by the fact that many types of economic and social data are available only on a county basis.

Each SMSA is designated by the name of the principal city of the area. In addition to the name of the principal city, the area title may include one or two additional city names.

**Industrial Counties.**—In addition to industry statistics for standard metropolitan statistical areas, table 7 of each State report,

presents data by county for each industry group (2- and 3-digit) that had at least 450 manufacturing employees where it would not result in disclosure of figures reported by individual companies.

**Cities with 450 Manufacturing Employees or More.**—Summary totals and industry detail at the 2-digit level are shown for individual cities with 450 manufacturing employees or more, provided the data do not disclose information for individual companies.

Value added by manufacture in all SMSA's accounted for 76 percent of the U.S. total in 1967. The relative importance of the 50 largest SMSA's is shown in table G.

## II. METHODS

### 6. PLANNING AND PREPARATION

**General.**—The Census Bureau has an obligation to meet public needs for timely and reliable information while holding costs and the burden on respondents to a minimum. During the planning stages of the 1967 economic censuses, the advice of trade and professional associations, Federal and State government agencies, individual companies, labor unions, and research and educational organizations was solicited in an effort to reach both the users of data and the respondents who supply the basic figures. Simultaneously, studies of the problems encountered in the 1963 censuses were undertaken, and proposals to improve the methods of collection, processing, and tabulation were explored.

**A Major Processing Innovation.**—Beginning with the 1954 economic censuses, the basic mailing lists have been obtained from Internal Revenue Service (IRS) and Social Security Administration (SSA) records.<sup>12</sup> These records were also sampled to develop statistics for retail and service establishments with no employees. After the 1963 censuses, it was decided to investigate the feasibility of making greater use of the data in the IRS-SSA records. This effort led, in the 1967 censuses, to the exemption of over 2,000,000 firms from the filing requirement, including 120,000 small manufacturers. Instead, census-type statistics for this group were developed from IRS-SSA records. Well in advance of the data collection phase of the censuses, plans for using these records for small employers were developed in close cooperation with those agencies. Specific procedures for this use and for assuring confidential treatment of individual tax returns were set forth in Executive Order No. 10911, dated January 17, 1961, and Treasury Decision No. 6547 of the same date. The basic records used were business income tax returns (IRS forms 1040C, 1065, 1120, and 1120S) and payroll tax returns (IRS form 941). The information obtained from these reports was the name and address, payrolls, and gross business receipts. In addition, an SIC industrial activity code was assigned by use of the permanent SSA records which indicate the industry or kind of business of each employer. Other census statistics for these small firms were imputed, using industry average ratios to payrolls and sales.<sup>13</sup>

**Planning the Content of Questionnaires.**—As in previous censuses, the content of the 1967 questionnaires was developed in consultation with a large number of organizations and individuals, representing both the manufacturers who supply the basic data and those who use the resulting statistics. Those consulted included government agencies, individual firms, labor unions, the American Statistical Association, the American Economic Association, the American Marketing Association, the National Association of Manufacturers, and all national manufacturers' associations covering specific industries.

A special effort was made to obtain the advice of individual manufacturers and their trade associations as to the content of the sections of the report forms dealing with the output of specific products. Drafts of the proposed 1967 product sections were circulated among 800 trade associations and about 4,000 manufacturing companies, both large and small. These inquiries followed the pattern of the 1963 census inquiries, with the introduction of new product detail reflecting suggestions received by the Census Bureau after the 1963 canvass. Small items (those valued at \$5 million or less) were not retained in the list unless they were needed to simplify the classification of other products or were of strategic importance. The manufacturers and others consulted in this clearance procedure were requested to comment particularly as to whether the proposed detail was readily reportable from business records, and whether it represented the most appropriate set of items for the industry. A restriction was placed on proposals for additional detail; it was stipulated that the 1967 value of any new product category should exceed \$15 million.

The thousands of comments and suggestions received in this clearance procedure were analyzed by the census staff. Finally, a detailed account of the review procedure and the decisions reached was forwarded to the Office of Statistical Standards, Bureau of the Budget, along with the Census Bureau's recommendations for the content of the product sections.

The final review of the content was performed by the Office of Statistical Standards with the assistance of the Advisory Council on Federal Reports. The latter organization is a group of business executives representing a cross section of industries and various professions within companies such as controllers, economists, and market research directors.

<sup>12</sup>The 1947 Census of Manufactures list was also obtained from the SSA.

<sup>13</sup>As discussed elsewhere in this introduction, the amount of imputation introduced by this procedure was only about 1 percent of the overall totals.



## 7. REPORTING FORMS

A representative selection of the reporting forms used in the 1967 census is reproduced in appendix D. The uses of each of them are discussed below.

**General Forms.**—This group of forms was used in the economic censuses generally, either as companywide reports or as reports for establishments whose classification was not known precisely in advance of mailing.

**NC-X1A, Report of Company Organization.**—This companywide report and its companion form NC-X1B were used in the precensus of multiunit companies conducted in 1967. A more detailed account of their use is given in section 8, "The Mailing Lists."

**NC-X3, General Schedule.**—This questionnaire was designed to obtain information from small companies for which the industry code available in the SSA records was not precise enough to indicate which one of the standard census questionnaires should be mailed. The information provided on form NC-X3 was used to classify these companies by industry and tabulate their data in the appropriate census.<sup>14</sup>

**NC-X6, Central Administrative Offices or Auxiliary Establishments.**—Many multiunit companies maintain separate establishments to provide centralized administrative, management, or other supporting services for other establishments of the same company, but not for the general public or other companies. These establishments were asked to complete form NC-X6. The form contained questions on approximate employment for such functions as centralized administration, research and development, warehousing, and other auxiliary activities, and on the cost of research and development work performed by these nonmanufacturing establishments.

### Annual Survey of Manufactures Forms.

**MA-100.**—This form is the establishment report used in the ASM since 1949 (with modifications). As mentioned above, this form was used in 1967 as the first sheet of the census of manufactures report for the establishments included in the ASM sample. The establishment's 1966 data were imprinted on the report form before mailing, thus aiding the respondent in following the instructions for the census. Item 9, "Quantity and value of products shipped and other receipts," on form MA-100 corresponds to item 18 on the census form MC-36B and its companion forms, the difference being that item 18 called for more detailed information on product shipments.

**MA-101, Expenditures for Plant and Equipment for Manufacturing Establishments Under Construction.**—This form was designed to obtain data on capital expenditures by large manufacturing firms for new plants not yet in operation at the end of the year. It was mailed to all multiunit companies with 250 employees or more. It was also mailed to any other company which indicated on one of its establishment report forms, in a special check-box section, that it had a plant under construction but not yet in operation. Each such plant was coded geographically and to a 4-digit industry from the description given of its expected activity. The information obtained on form MA-101 was included in the capital expenditures figures in the 1967 census tabulations. (For further discussion, see section 18, "Capital Expenditures.")

**Other Related Forms.**—Form CB-51J-1, "Manufacturers Sales Branches and Sales Offices," which is reproduced in appendix D, is typical of the several forms used for these establishments in the census of business. The forms differed only in the kinds of products sold as listed in item 12. In item 5, line b provided verification of the classification of the establishment as a sales branch or sales office. If the line-b percentage indicated that more than half of the goods sold were not manufactured by the parent company, the establishment was reclassified into one of the merchant wholesaler categories.

**NC-K1, Company Summary Report.**—Each multiunit company with 250 employees or more received a form NC-K1, Company Summary Report, along with the appropriate questionnaires for its establishments. The NC-K1 requested consolidated company totals for key data items, such as receipts, new capital expenditures, inventories, and fixed assets. In addition, each company was asked to distribute the 1967 employment reported on its establishment questionnaires by its IRS-SSA employer identification numbers (EI numbers) and to compare these totals to the figures reported on its Treasury Form 941 tax returns. This comparison provided assurance that all domestic establishments of each large multiunit firm and its subsidiaries would be included in the censuses. Form NC-K1 served this operational purpose and also provided essential data for the enterprise statistics program described above in section 1.

**Census of Manufactures Forms.**—The questionnaire reproduced in the appendix, form MC-36B, is typical of the 180 forms used for operating manufacturing establishments. Each of these forms was designed to be used for a specific group of industries. For establishments included in the Annual Survey of Manufactures sample, form MA-100 was substituted for the front sheet of form MC-36B and its companion forms, since the content was virtually the same and it was desired to maintain continuity of reporting in the ASM. Whether or not form MA-100 was used, the inquiries on the 180 forms were identical except for the detailed questions on products shipped, materials used, and miscellaneous topics such as operations performed, equipment used, and delivery of products.

**MC-171, Department of Defense Establishments, and MC-D4, Penal Institutions.**—These forms were used to collect information on government-owned and government-operated manufacturing establishments. They were used for two types of establishments: (1) Manufacturing facilities owned and operated by the Department of Defense, and (2) prison industries (Federal, District of Columbia, and State). The data were prepared with the cooperation of the Department of Defense, the Department of Justice, and the District of Columbia and State prison systems. For Department of Defense installations, information was provided on employment, man-hours, payrolls, cost, and value of work done, by industry group and by State. For prison industries, however, only product data was requested. The data are presented in a special report included in Volume I and are not included in the totals for operating manufacturing establishments.

## 8. THE MAILING LISTS

**General.**—As discussed in section 6 above, the basic lists for 1967 were obtained from IRS-SSA records, supplemented importantly by the inclusion of the ASM list of 60,000 establishments. Since the IRS-SSA lists consist essentially of the names and addresses of companies rather than establishments,<sup>15</sup> however, it was

<sup>14</sup>The use of Form NC-X3 is also discussed in section 8, "The Mailing Lists."

<sup>15</sup>The SSA records for multiunit companies identify "reporting units," which in many instances correspond to census establishments. The differences are such, however, that it was found necessary to obtain up-to-date lists of establishments as described in this section. Also, the Census Bureau concept of a company differs from the IRS-SSA definition, since the Census company includes all establishments under common ownership or control; in the IRS-SSA records, subsidiary corporations are often treated as independent companies.



necessary to follow separate procedures for multiunit companies (those operating at more than one location).

**The Precanvass.**—Multiunit companies were required to file at least one establishment report<sup>16</sup> covering each location. In order to select the appropriate questionnaires, it was necessary to determine in advance the nature of operations at each location. Beginning early in 1967, therefore, a "Report of Company Organization" (form NC-X1A)<sup>17</sup> was obtained from firms known to be multiunits from previous census records. All multiunit firms included in the ASM reported on form NC-X1A. A shorter questionnaire, form NC-X1B,<sup>17</sup> was also sent to other firms which were regarded as possible multiunits, including all manufacturers with 500 employees or more who were not on the NC-X1A list.

Both of these forms consisted essentially of a report on company affiliation and a list of the domestic establishments operated by the company. Before the forms were mailed, the company's establishments as identified in census records were prelisted. In the instructions for form NC-X1A, the respondents were asked to make any necessary corrections to this list. In addition, they were asked to supply descriptions of any new establishments not already listed, including their approximate size.

Approximately 700 large multiunit companies were segregated for special handling in the prec canvass because problems involving overlap and duplication were anticipated. Many of these companies were active in retail and wholesale trade as well as in manufacturing. The instructions for the prec canvass were reviewed with these firms in personal discussions with officials of their accounting departments, in order to make certain that the procedure was understood and the establishments properly described on form NC-X1A.

**Initial Control File.**—This file, consisting of about 7 million names and addresses of companies, was assembled from IRS-SSA records and other sources including the 1963 economic census records. For manufacturing, the ASM records were incorporated in the file.

**Single-Unit Companies.**—The mailing lists for single-unit companies (those operating at only one location) were developed from the initial control file by removing out-of-scope companies (those whose activities were not to be surveyed in the economic censuses) and those identified as multiunits in the prec canvass. A special survey of out-of-scope companies with more than 50 employees in selected industries was conducted to doublecheck their eligibility, and some names were added to the mailing list as a result.

The final step was to set aside the records of the small companies for which census-type statistics were to be developed from administrative records. The remaining records constituted the mailing lists for single-unit companies.

**General Schedule.**—While the lists assembled in these ways were generally adequate in providing sufficient industry information to determine the proper form for mailing, a number of the records did not have precise industry information associated with them. Form NC-X3, "General Schedule," which is reproduced in appendix D, was mailed to all such companies. Since it was

assumed that these companies were quite small, only a few key figures were requested. On the basis of the information reported, these reports were coded and included in the basic tabulations. If form NC-X3 indicated that the company was actually large, it was later requested to file one or more of the appropriate standard questionnaires.

## 9. GEOGRAPHIC AREA CODING

Accurate and complete information on the physical location of each establishment is required in order to tabulate the census data by SMSA's, counties, and cities. As in previous censuses, the post office address and ZIP code of the establishment were not always accepted as defining the physical location, but respondents were required to describe the actual location in terms of street address, city, town or village, county, and State. For establishments located in rural territory, the name or number of the nearest highway was requested and the distance from the nearest town or other urban place.

In censuses prior to 1963, clerks assigned geographic code numbers to each establishment based on the description furnished by the respondent. This process was slow and required careful verification. Beginning with 1963, a computerized system was developed which assigned an area code number and a prefix symbol to the mailing address before the questionnaires were mailed. The prefix symbol indicated whether or not the mailing address was clearly acceptable as describing the physical location. If there was any question about its acceptability, the respondent's description was later carefully reviewed after the questionnaire was received. The assignment of tentative code numbers by the computer was based on extensive reference files containing nearly a million business names and addresses.

The geographic coding system used in the 1967 economic censuses was based on the 1963 system with some improvements and revisions. The major changes included expanding the address reference file, and use of the ZIP code as part of the procedure for matching addresses against the reference file.

## 10. DATA COLLECTION

**General.**—Although the greater use of administrative records in 1967 substantially reduced the number of companies canvassed directly, there remained nearly 2 million which were required to file, including about 175,000 manufacturers. The assembly of several hundred different questionnaires into mailing packages, correctly labeled and coded, combined with the correct instruction booklets, was an extensive operation.

**Instructions.**—Several general instruction booklets were prepared to assist respondents in completing questionnaires for the 1967 economic censuses. In addition, separate detailed instruction manuals were printed for establishments in a few kinds of business and in certain mineral industries with peculiar reporting problems, as well as for manufacturing establishments reporting on the detailed standard forms.

**Timing.**—The bulk of the 1967 questionnaires were mailed in mid-February 1968 with a due date of April 30, about 2 months later than the corresponding due date for the 1963 censuses. Adoption of the April 30 due date, which had been urged by accountants, was based on the assumption that reports would be filed more promptly if their preparation followed that of Federal income tax returns, which were due April 15, and that the "lost" 2 months would be gained back. This turned out not to be the case. The collection phase was not completed until early November 1968, about 2 months behind the 1963 record.

<sup>16</sup>If two or more distinct lines of activity were carried on at one location, separate reports were obtained under some circumstances. (For a complete discussion, see "Establishment Basis of Reporting" in section 4, above.)

<sup>17</sup>This form is reproduced in appendix D.



**Followup.**—Companies which did not return their questionnaires by the due date had to be reminded that their returns were overdue. A reminder card was used for the first followup, and form letters used in the five subsequent mailings. Two basic letter formats were used, one for multiunit companies that had returned questionnaires for some but not all establishments, and the other for companies that had not responded at all.

The last followup letter was mailed in October 1968. Estimates based on data from administrative records were included in the census tabulations for the relatively small number which had not responded by the closeout date in November 1968. Thus, all companies and establishments included in the original mailing list (except those determined to be inactive during 1967) were represented in the final statistical results, either by actual returns or by proxy returns generated from administrative records. A special effort was made to obtain actual returns from all large firms, so that the volume of business represented by proxy returns was relatively very small.

## 11. DATA PROCESSING

**General.**—The editing,<sup>18</sup> coding, and tabulation of data for the 5 million establishments represented in the 1967 economic censuses was a complicated task requiring extensive advance planning and careful coordination among the Census Bureau's organization subdivisions. Automatic data processing and other advanced techniques were used in all phases to a considerable extent.

**Facilities.**—In the mail collection phase, the questionnaires were returned by respondents to the Census office at Jeffersonville, Ind., where most noncomputer (that is, clerical) processing operations were performed. The Jeffersonville functions consisted mainly of preliminary screening of questionnaires, carrying on routine correspondence with respondents, punching cards, and transmitting the punched data to Washington on a high speed transmission system. The Washington staff handled computer operations, and all operations in connection with the use of IRS and SSA records.

**Preliminary Screening.**—After checking in against control lists and assigning geographic codes, the questionnaires were reviewed clerically to see that they conformed to certain minimum requirements before further processing. In the case of multiunit companies, the sum of employment and payrolls reported on its establishment questionnaires was compared with the control totals reported on form NC-K1, "Company Summary Report." Questionnaires received from ostensibly single-unit firms were reviewed to ascertain whether they had become multiunits through merger or acquisition. All questionnaires were reviewed to see that the entries were legible and punchable, and that entries appeared for a number of key items. For manufacturing establishment returns, the key items were payrolls and value of shipments. Questions arising in the screening operation were resolved by writing or telephoning the respondents. Complex problems involving multiunit companies were either handled by a special task force of experienced analysts in Jeffersonville or were referred to the Washington office.

**Computer Editing.**—All of the establishment records from the 1967 censuses of manufactures and mineral industries underwent computerized processes of screening and detailed testing of data. While most of these programs were newly devised in 1967, they

were largely based on similar programs in use during the 1963 censuses. As in 1963, average values and tolerance limits for key operating ratios (for example, cost of materials per dollar of shipments, payroll per employee, production-worker wages per man-hour, etc.) played a fundamental role in the editing process. However, more extensive testing and more sophisticated routines for adjusting data which failed the tests were incorporated into the 1967 programs. The need for computer editing may be judged by the fact that more than half of all 4-digit SIC industries had one or more data cells changed by more than 5 percent as a result of application of these programs.

In sequence, the computer programs used included a Housekeeping and Screening Edit, a Coverage Control and Matching Edit, a Magnitude Edit, a General Statistics Edit, an Inter-card Inter-column Edit, a Product and Materials Edit, a Duplicate Removal Program, and various programs of referral and of aggregate testing. These programs are described in outline form below. Also included within this sequence were programs of geographic coding and of industry coding, which are described elsewhere in this introduction.

The Housekeeping and Screening Edit was designed to inspect each record for the presence of basic information such as identification numbers, geographic codes, and source codes (that is, ASM, census of manufactures, or census of minerals). This program also included some simple data adjustments, such as the replacement of a missing total by a corresponding sum of detail.

The Coverage Control and Matching Edits were a system of programs which checked the consistency of clerically assigned coverage codes with reported information on the ownership status of the establishment. For ASM establishments, the program included matching with the 1966 ASM record file to identify corresponding prior-year records. In the 1967 Census of Manufactures, nearly 339,000 establishments were initially defined as being within the scope of manufacturing. Of this number, approximately 26,000 were identified as having no activity during 1967. Of the remainder, more than 11,000 were rejected from the combined output of the Housekeeping and Screening Edit and from the Coverage Control and Matching Edit. This latter number was clerically reviewed, corrected where necessary, and recycled back into the computer.

The Magnitude Edit was designed to test the size of two key items, payrolls and value of shipments. For ASM establishments, these items were compared with the corresponding entries for 1966, and were accepted if satisfactory. If not accepted, the ASM records were channeled through the standard edit, which compared payrolls to a historical employment-size code. Payroll figures passing the test were then used, in conjunction with cost of materials, in testing the value of shipments.

When failures in the magnitude tests were encountered, a fixed sequence of attempts to adjust the data were performed, which included dividing a reported figure by 1,000 (a common error was the reporting of values in dollars rather than in thousands of dollars as requested), or replacing a total by a sum of detail where these differed. If the corrective procedures of the Magnitude Edit were unsuccessful, the schedule was rejected for clerical inspection, correction where necessary, and recycling. This occurred for about 18,000 establishments.

The General Statistics Edit tested key operating ratios and adjusted the record or flagged it for later attention if it failed the test. Fifty-two such ratios were assigned for use in testing census of manufactures records, and 41 1966-67 ratios of change were used in testing the ASM reports. The tolerance limits and average values for these 93 ratios were based on the limits used for the corresponding tests in the 1963 census, with some correction and updating based on more recent ASM information.

<sup>18</sup>In data processing, the term "editing" means the review of information collected on questionnaires or from other sources, with the objective of locating and correcting erroneous entries.



In the presence of ratio failures, the computer program was designed to determine the component of the ratio which was most likely to have caused the failure. This was done by a process of inspecting other ratios containing each of the suspect components, and by computing an overall weighted-reliability index for each. The component with the lowest reliability index was judged to be incorrect. The computer then attempted to adjust the questionable figure by a process of "rounding" (multiplying or dividing by successive powers of 10), substitution of a total by a sum of detail, or by imputation based on one of the several ratios in which the suspect component was contained. After each such attempted adjustment, the new figure was accepted if it resulted in an improved reliability index.

In addition to testing and correction of reported information, the General Statistics Edit was the vehicle for the imputation of data for the 120,000 companies designated as administrative-record cases, as well as data for companies which failed to report in the mail canvass. Imputation for all reasons, failure to report as well as administrative records, accounted overall for about 3 percent of the total value of shipments. Records were not rejected and removed from the computer tapes in the General Statistics Edit, but were flagged and printed out for review by an analyst whenever the computer made a large adjustment, found a large year-to-year change, or could not make an acceptable adjustment after test failure. Excluding administrative records, about 40,000 such cases were printed out for review and possible correction.

The Inter-card Inter-column Edit was designed to test specific relationships among products, materials, and special inquiries. The record was flagged for inspection if the test failed; some 64,000 records were printed out for review from this edit.

The Product and Materials Edits were performed after the data on products and materials had been extracted from the basic establishment records, and assembled in product (or material) sequence. The edits were designed to inspect the reported quantities of production and of consumption after the corresponding values were tested and found acceptable. Unit values, in terms of dollar value per unit of quantity, were computed and ranked from highest to lowest. The most extreme values were removed, and the truncated data were used in the formulation of parameters (average deviation, central value, and upper and lower tolerance limits) which were printed out for review by analysts. This routine differs from those in other edits in that the parameters for editing were developed from the data at hand rather than from historic data or predetermined reasonableness limits.

The Duplicate Removal program was designed to identify and eliminate duplicate establishment records from the census.

The sources of duplication were many; imputed records which were followed by the late receipts of a report from the respondent was typical. The program resulted in the elimination of nearly 6,000 duplicate establishment records from the census file.

As in the 1963 census, this preliminary round of computer editing and professional correction was followed by a more detailed review of establishment records. Among the devices used at this stage were an "outlier" program which printed out establishment reports of dubious quality in terms of their internal consistency. The outlier program used some of the same ratios as the General Statistics Edit, but with parameters updated to reflect the characteristics of 1967, rather than earlier, data. Records with one or more suspicious ratios were printed out for review. In addition, aggregates of records at the industry and the geographic cell level were inspected with ratio tolerance limits adjusted to reflect the number of establishments contributing to the cell.

## 12. COVERAGE AND ACCURACY

Since the list of companies obtained from IRS and SSA records was considered to be complete, no field coverage check was conducted. The precensus and other special procedures for multiunit companies described in section 8, "The Mailing Lists," and section 10, "Data Collection," were designed to secure complete lists of establishments, thereby amplifying the IRS-SSA company list. Control totals in terms of employment and payrolls of multiunit companies were also used to verify the completeness of establishment coverage. This procedure is discussed in section 11, "Data Processing."

Comparison of statistics tabulated from the census of manufactures with the Census Bureau's Current Industrial Reports series, or with data originating with other agencies was possible in many instances, thus providing a further confirmation of completeness and accuracy. These figures range from employment and wage totals compiled by the Bureau of Labor Statistics to detailed commodity output figures published by the Internal Revenue Service, the Fish and Wildlife Service, and the Department of Agriculture. In the industry reports in Volume II, differences between the census of manufactures and other statistics are explained wherever possible. Census of manufactures comparability with broad measures such as national income, new capital expenditures, and production indexes are discussed elsewhere in this introduction. The Census Bureau's other procedures designed to improve the accuracy of the census data are discussed above in the sections on data collection and processing. Comments on the valuation of intracompany shipments by multiunit companies are included in section 15.

## III. COMMENTS ON STATISTICAL MEASURES AND TABLES

*(Explanations and definitions of the various measures of activity for which statistics are compiled in the census of manufactures are presented in appendix A. In the following sections, the limitations and other characteristics of some of these measures are discussed, the content of the statistical tables is described, and comparisons with other statistical series are presented.)*

### 13. EMPLOYMENT AND PAYROLLS IN ADMINISTRATIVE OFFICES AND AUXILIARY ESTABLISHMENTS

In the industry chapters of Volume II, the data on employment and payrolls refer to operating manufacturing establishments and

are so described. In the summary tables, the employment and payrolls of central administrative offices and auxiliary establishments are also included. However, whereas the operating establishments were coded to a 4-digit manufacturing industry, the administrative offices and auxiliaries were coded only to the 2-digit industry group of the establishments they served. In most of the tables with industry detail, the administrative offices and auxiliaries are shown as a separate industry group, but statistics for them by 2-digit industry appear in each volume in the General Summary tables. The relative importance of administrative offices and auxiliaries has increased substantially in recent years, because of a tendency to centralize functions formerly



performed in manufacturing plants. Such functions include accounting (particularly where computerized), warehousing, repair services, and miscellaneous others. As indicated in table H, this tendency was quite marked between 1954 and 1963, but there was less relative increase between 1963 and 1967.

TABLE H. Employment in Central Administrative Offices and Auxiliaries and in Operating Manufacturing Plants: 1967 and Earlier Census Years

Census year	Employees in operating manufacturing establishments		Employees in central administrative offices and auxiliaries		
	Thous- ands of em- ployees	Percent change from previous Census year	Thous- ands of em- ployees	Percent change from previous Census year	Percent of total employ- ment <sup>1</sup>
1967.....	18,492	+14.0	830	+14.3	4.3
1963.....	16,235	+5.3	726	+20.6	4.3
1958.....	15,423	-1.4	602	<sup>2</sup> +32.9	3.8
1954.....	15,645	(NA)	453	(NA)	2.8

Source: Census of Manufactures.

Standard notes: (NA) Not available.

<sup>1</sup>The total includes manufacturing establishments, central administrative offices, and auxiliaries.

<sup>2</sup>The apparent increase from 1954 to 1958 is believed to be somewhat overstated, because coverage of administrative offices and auxiliaries was more complete in the 1958 census.

## 14. MATERIALS

In addition to the total cost of materials which every establishment was requested to report, quantity and cost information was collected for approximately a thousand specific materials.<sup>19</sup> About 360 of these were "complete coverage" materials; i.e., every industry that consumed appreciable quantities of the material was canvassed so that the data would represent at least 90 percent of manufacturing consumption. For the remaining materials, information on consumption was obtained on a more limited basis, generally only in those industries in which the materials were important inputs. Detailed consumption information was collected in the standard materials inquiry, in the product inquiries (for items which were produced and consumed in the same plant), or in a few instances in special inquiries. The resulting statistics are presented mainly in tables 6A and 7A of the industry chapters, Volume II.

Because American industry uses an enormous variety of materials, the choice of materials for which "complete coverage" consumption data (90 percent or higher) were obtained had to be strictly limited. The selection of a particular material for such coverage was based on the following criteria:

- (1) The importance of the material as measured by the total value of U.S. consumption of the material;
- (2) The percentage of total consumption accounted for by manufacturing establishments;

<sup>19</sup>See 1967 Censuses of Manufactures and Mineral Industries, *List of Materials Consumption Items*, MC67-6, for a more detailed account of the collection of data on materials consumed.

- (3) The availability of consumption information from manufacturers' records; and
- (4) In certain instances, other factors such as the strategic importance of the material or the availability of historical data on the use of the material.

The materials included on a limited-coverage basis were chosen not only because they constituted important inputs for particular industries but frequently because they provided information necessary to classify plants by SIC industry. In using the detailed data on materials consumed which appear in table 7A in the industry chapters of Volume II, the following limitations should be noted:

- (1) Materials were reported for the establishment as a whole and no attempt was made to ascertain how much of the material was used in each of various products. Thus, the industry totals appearing in table 7A represent consumption in secondary products as well as primary products of the industry represented. The extent of secondary production is measured by the specialization and coverage ratios shown in table 5A of the industry chapters.
- (2) Attention should be paid to the codes ending in "000" and captioned "materials, parts, containers, and supplies, not specified by kind." The amounts appearing on these lines represent imputed totals for establishments whose statistics were developed by use of administrative records, and totals for other establishments which failed to report their consumption in specific terms. Thus, for most industries, the specific categories are understated. A judgment on the statistical significance of the understatement for each industry may be made on the basis of the relationship of the value shown for the "not specified by kind" (code 000) line compared with the total of materials, components, parts, containers, and supplies for the industry.
- (3) Establishments consuming less than a specified amount of material were not requested to report consumption of the material separately. For the majority of individual materials, the minimum amount was \$5,000. The use of this cutoff is not believed to have had a significant effect on the totals.

## 15. VALUE OF SHIPMENTS BY MULTIUNIT COMPANIES

**General.**—Except for a few industries as indicated in appendix A, the respondents were instructed to report net selling values, f.o.b. plant, after discounts and allowances and excluding freight charges and excise taxes. Multiunit companies were instructed to report for each establishment as if it were a separate economic unit and, in particular, to report interplant transfers at their full economic value, including not only the cost of production but also a reasonable proportion of company overhead and profits. Since there is no advertising or other selling cost involved, it would be expected that the value per unit of such transfers would be less than that for commercial sales. The plant receiving the transferred goods was instructed to include them in its cost of materials, valued as at the shipping point plus the cost of freight and other handling charges.

In the case of goods transferred to sales branches, or sold through separate sales offices, the implication of the "f.o.b. plant" instruction is that the value is at a somewhat lower level than the final invoice value, because the cost of selling (mainly the cost of operating the sales branch or office) is excluded.



In practice, there is reason to believe that these instructions were not followed by all companies. In a recordkeeping practices study of 54 multiunit companies conducted a few years ago, it was found that about half of them had reported interplant transfers of semifinished products at commercial or market prices, which tend to be somewhat higher than the "cost plus overhead and profit" requested in the census instructions. In the case of finished products transferred to separate selling organizations, half of the companies interviewed valued the products at their final or invoice price, which again would be somewhat higher than the "f.o.b. plant" transfer value requested. It appears from this study and other observations that the value of shipments of products reported by multiunit companies tends to be overstated. For products characterized by a substantial amount of interplant shipments, separate quantity and value figures were requested on the census forms. Data on these shipments, the unit value of which is less accurate than the unit value for shipments outside the company, are presented separately in table 6A in the industry chapters of Volume II.

**Individual Products.**—In the 1967 census program, information was collected on the output of approximately 10,500 individual product items.<sup>20</sup> The term "product" as used in the census of manufactures represents the finest level of detail for which output information was requested. Consequently, it is not necessarily synonymous with the term product as used in the marketing sense. In some cases it may be much more detailed and in other cases it is more aggregative. For example, pharmaceutical preparations were reported in terms of 160 products, while canned meats was a single product. Frequently, large aggregative values at the product level indicated that detailed production figures were available from other government sources or reliable private surveys.

Some 5,500 of the product items were listed separately on the 1967 census report forms. Data for the remaining 5,000 products were obtained in the monthly, quarterly, or annual commodity surveys comprising the Current Industrial Reports series of the Census Bureau. Totals for the year 1967 for these items as derived from the commodity surveys are shown in the "product shipped" table (table 6) in the industry chapters of Volume II together with the tieline total value collected in the census for reconciliation.

Typically, both quantity and value of shipments information was collected. However, if there was no meaningful physical quantity measure that could be reported by manufacturers, only value of shipments was collected. For products which are used to a large degree within the same establishment as materials or components in the fabrication of other products, total quantities produced and often the quantities consumed within the plant were collected. Typically, the information on production was also collected for products for which there are significant differences between total production and shipments in a given year because of wide fluctuations in finished goods inventories. Alternate measures of output of products, such as value of work done for products with long production cycles, were used as appropriate and feasible.

**Classes of Products.**—For the purpose of summarizing the product information, the separate products were aggregated into classes of products which were, in turn, grouped into all primary products of each industry. The code structure used is a 7-digit number for the individual product, a 5-digit code for the class of product, and a 4-digit code for the total primary products in an industry (see section 4 for application of coding structure to the assignment of SIC codes for establishments).

The 10,500 product items in the 1967 census (including products from the Current Industrial Reports program) were grouped into approximately 1,200 separate classes. Products were grouped into product classes to bring out significant differences in the broad types of products within a 4-digit industry. General similarity of the kind or purpose of the products or of the manufacturing processes, type of markets, or of materials used, were the basis for product combinations. The economic significance of the class was also taken into account; residual products of an industry were grouped when the products were not sufficiently significant in dollar value to warrant separate classes.

As a result of the increased number of respondents included in the product-class shipments totals, these categories lend themselves to many more cross tabulations than do the 7-digit products, without disclosing information about the operations of individual companies. In the industry chapters of Volume II, table 6B provides information on the value of shipments of product classes by State; and table 5B, by industry of the establishment producing them. The latter table is the best vehicle for showing the primary and secondary product mix of an industry, as well as the interrelationship between the 4-digit industry value of shipments and the 4-digit product group value of shipments. In table 8, the product class is used to provide finer industry-type general statistics by classifying establishments within an industry according to the degree to which they specialize in producing a specific class of products.

The class-of-product concept was incorporated by the Census Bureau into its own program with the 1947 Census of Manufactures after it developed the technique in the compilation of World War II production statistics. Product classes formed the basis of collecting product information in the annual survey of manufactures when that survey was initiated in 1949. The classes have been revised over the succeeding years to improve the balance and significance of product combinations within each industry and to keep abreast of the growth and decline of products.

**Effect of Use of Administrative Records on Product Data.**—As noted elsewhere in this introduction, 1967 census statistics for about 120,000 small manufacturers were developed by use of IRS and SSA records. Since the SSA records were coded only to the 4-digit SIC level, it was not considered feasible to estimate the product output of these small companies in terms of specific 5-digit product classes or 7-digit products. The total value of output was therefore coded to the 4-digit level and published separately in table 6A of the industry chapters of Volume II. In table I, page 18, these data have been summarized together with other undistributed 4-digit totals reported by the larger companies. It will be seen from table I that the contribution of the small companies to product totals was of little importance except in lumber, furniture, and printing and publishing (groups 24, 25, and 27). The large companies which for various reasons reported only in terms of group totals were of somewhat more importance, accounting overall for about 3 percent of the total value of product shipments.

Nominally, the shipments of "small companies" as shown in table I represent the output of all establishments with less than 10 employees. Actually, less than half of the value of shipments of establishments with less than 10 employees was obtained from administrative records. This was due to several factors, the most important of which were—

- (1) Many of the establishments with less than 10 employees were owned by multiunit companies and were covered in the mail canvass.

<sup>20</sup>See 1967 Census of Manufactures, MC67-1, *Numerical List of Manufactured Products*, and MC67-2, *Alphabetic List of Manufactured Products*.



TABLE I. Value of Products Not Specified by Kind: 1967

(Millions of dollars)

Product group code	Total value of product shipments	Products not specified by kind			
		Total	Large companies	Small companies <sup>1</sup>	Percent attributable to small companies
Total.....	539,470.1	23,387.2	17,884.6	5,430.6	1.0
20.....	78,650.9	4,088.2	3,326.7	761.5	1.0
21.....	4,589.7	46.4	44.2	2.2	.1
22.....	20,141.0	691.2	550.1	69.1	.3
23.....	19,748.9	1,992.5	1,686.0	306.5	1.6
24.....	10,585.7	1,614.7	774.7	840.0	7.9
25.....	8,110.2	702.6	485.7	216.9	2.7
26.....	20,049.3	575.3	512.4	62.9	.3
27.....	20,878.9	1,805.2	923.1	882.1	4.2
28.....	40,013.1	1,030.3	851.9	178.4	.5
29.....	20,992.8	159.2	130.0	29.2	.1
30.....	12,236.8	512.5	414.6	97.9	.8
31.....	4,849.8	238.8	180.8	58.0	1.2
32.....	13,596.9	585.6	404.3	181.3	1.3
33.....	55,926.8	670.6	607.9	62.7	.1
34.....	32,928.9	2,720.7	2,342.1	378.6	1.2
35.....	46,076.8	2,874.8	2,223.4	651.4	1.4
36.....	39,429.2	937.8	793.5	144.3	.4
37.....	64,976.3	854.7	718.3	136.4	.2
38.....	8,759.5	340.2	263.3	76.9	.9
39 plus 19.....	16,928.6	945.9	651.6	294.3	1.7

Note: Based on preliminary data. These values represent product shipments, irrespective of the industry in which the products were made, and therefore differ from the industry group totals shown in the General Summary tables.

<sup>1</sup>Estimates derived from administrative records. See text for further discussion.

(2) Questionnaires were mailed to about 6,000 of the companies identified as having less than 10 employees. Part of these were the small companies included in the ASM sample; the rest were included in the mail canvass to improve the estimates of general statistics, products, and materials.

(3) Some companies identified originally as having 10 employees or more turned out to have less than 10 in 1967.

(4) Some companies identified originally as having less than 10 employees were found to have been out of business in 1967.

Another factor tended to reduce the value of products not specified by kind attributed to small companies, thus affecting table I particularly. This was the fact that some 4-digit industries were represented by only one product category (an example is industry 3273, Ready-Mixed Concrete). Administrative-record estimates for products such as this were treated as specific information and not tabulated under the "not specified by kind" heading.

These factors taken together explain why the value of products "not specified by kind" attributed to small companies in table I is only 1 percent of the total, while the 157,000

establishments with less than 10 employees account for 2.3 percent of the total.

The data for many of the specific 7-digit products shown in table 6A are understated.

## 16. DUPLICATION IN COST OF MATERIALS AND VALUE OF PRODUCTS

The aggregate of the cost of materials and value of shipments figures for industry groups and for all manufacturing industries includes large amounts of duplication since the products of some industries are used as materials by others. With some important exceptions, such as SIC 3312, Blast Furnaces and Steel Mills, this duplication is not significant within individual 4-digit industries. However, it is significant at the 2-digit and 3-digit industry level because these group totals often include industries which represent successive stages in the production of a finished manufactured product. Examples are the addition of flour mills to bakeries in the total value of shipments of SIC Major Group 20 and the addition of pulpmills to papermills in Group 26. Economists have estimated that the value of manufactured products exclusive of such duplication—the value of finished manufactures—tends to approximate two-thirds of the total value of shipments reported in the census of manufactures.



Because the amounts of duplication contained in the cost of materials and value of products figures cannot be measured with any degree of precision, caution is urged with their use when they are provided at the 2- and 3-digit industry group level.

Even where no significant amount of duplication is involved, value of shipments figures are of limited use as measures of the relative economic importance of individual manufacturing industries or geographic areas because of the wide variation in ratio of materials, labor, and other processing costs to value of shipments, both among industries and within the same industry. To a large extent, value added by manufacture does not have these limitations and is therefore a better measure for comparison.

## 17. VALUE ADDED BY MANUFACTURE

**General.**—Value added by manufacture is derived by subtracting the total cost of materials (including materials, supplies, fuel, electric energy, cost of resales, and miscellaneous receipts) from the value of shipments (including resales) and other receipts and adjusting the resulting amount by the net change in finished

products and work-in-process inventories between the beginning and end of the year.<sup>21</sup>

Value added avoids the duplication in the value of shipments figure which results from the inclusion of the shipments of establishments producing materials and components along with the shipments of establishments producing finished products. It does not exclude purchased business services, as does the national income concept described below.<sup>22</sup> Nevertheless, it is considered to be the best value measure now available for comparing the relative economic importance of manufacturing among industries and geographic areas.

<sup>21</sup>For a few industries (for example, aircraft, ship building) where value of work done is substituted for value of shipments, no adjustment is made for change in inventories. In a few other industries where value of production is collected, the inventory adjustment is made only on the basis of change in work-in-process inventories.

<sup>22</sup>Collection of data on the cost of purchased business services at the plant level presents many problems. Advertising by multiunit companies, for example, is frequently charged at the company level and the cost either not allocated, to plants or if allocated, only as part of a broader company overhead category. National income data, on the other hand, are compiled in part from company rather than plant data, such as the *IRS Statistics of Income* in which advertising is presented as a separate cost item based on company reports.

TABLE J. Comparison of National Income Originating and Value Added by Major Industry Group: 1967  
(Billions of dollars)

SIC code	Industry group description	National income originating <sup>1</sup> (1)	Value added by manufacturing (2)	Col. (1) divided by col. (2)
	Manufacturing.....	195.2	262.0	0.75
	Nondurable goods.....	75.5	109.5	.69
20	Food and kindred products.....	16.3	26.6	.61
21	Tobacco manufactures.....	1.3	2.0	.65
22	Textile mill products.....	6.2	8.2	.76
23	Apparel and other fabricated textile products.....	7.5	10.1	.74
26	Paper and allied products.....	6.7	9.8	.68
27	Printing, publishing, and allied industries.....	9.9	14.4	.69
28	Chemicals and allied products.....	14.1	23.6	.60
29	Petroleum refining and related industries.....	6.5	5.4	1.20
30	Rubber and miscellaneous plastics products.....	4.7	6.8	.69
31	Leather and leather products.....	2.2	2.6	.85
	Durable goods.....	119.7	152.7	.78
24	Lumber and wood products, except furniture.....	4.2	5.0	.84
25	Furniture and fixtures.....	3.2	4.2	.76
32	Stone, clay, and glass products.....	5.8	8.4	.69
33	Primary metal industries.....	15.3	20.0	.77
34	Fabricated metal products.....	13.4	18.0	.74
35	Machinery, except electrical.....	21.8	27.8	.78
36	Electrical machinery.....	18.6	24.5	.76
19	{ Transportation equipment and ordnance, except motor vehicles.....	15.3	} 33.8	.86
37		13.6		
38		5.2		
39		3.3		
	Miscellaneous manufacturing industries.....		4.6	.72

<sup>1</sup>Source: Survey of Current Business, July 1970.

National income originating in the manufacturing sector, as developed in the national accounts maintained by the Office of Business Economics (OBE) is somewhat similar to value added in concept, but there are important differences. National income is the aggregate earnings of labor and capital which arise in the current production of goods and services in the manufacturing sector. Thus it measures the total factor costs incurred, and is a more "net" conception of value added than that which it has been found feasible to compile in the economic censuses, on an establishment basis. National income excludes, in addition to cost of materials, such other costs as depreciation charges, State and local taxes (other than corporate income taxes), allowance for bad debts, and purchases of services from nonmanufacturing enterprises, such as contract costs involved in maintenance and repair, services of development and research firms, services of engineering and management consultants, advertising, telephone and telegraph expense, insurance, royalties, patent fees, etc.

In part, the national income estimates are prepared from company rather than establishment data. This method results in the inclusion of some part of the net value added by nonmanufacturing establishments of companies classified as being primarily manufacturing, and conversely, in the exclusion of some part of the net value added by manufacturing establishments of companies classified as primarily nonmanufacturing. It is believed that for manufacturing as a whole the net effect increases national income. In the Petroleum and Coal Products major industry group, nonmanufacturing activities of manufacturing companies are so significant that this is the one group in which national income exceeds value added, as shown in table J.

**Historical Comparison.**—Whatever changes have taken place in the relative importance of the costs included in value added but excluded from national income have been gradual. As shown in table K, the ratio between the two figures has been fairly constant over the past decade, and the 1967 ratio is rather close to that for 1939.

TABLE K. National Income Originating in Manufacturing and Value Added by Manufacture: 1939 to 1967

(Billions of dollars)

Year	National income originating in manufacturing (1)	Value added by manufacture (2)	Col. (1) divided by col. (2)
1967.....	195.2	262.0	0.75
1966.....	191.5	250.9	.76
1965.....	172.6	226.9	.76
1964.....	155.6	206.2	.75
1963.....	143.8	192.1	.75
1962.....	137.0	179.3	.76
1961.....	125.1	164.2	.76
1960.....	125.8	164.0	.77
1959.....	124.0	161.3	.77
1958.....	107.7	141.5	.76
1957.....	116.3	147.8	.79
1956.....	113.1	144.9	.78
1954.....	94.6	117.0	.81
1947.....	59.5	<sup>1</sup> 74.3	.80
1939.....	18.1	<sup>1</sup> 24.5	.74

Sources: National income, Survey of Current Business; value added, Census of Manufactures and Annual Survey of Manufactures.

<sup>1</sup>Unadjusted.

**Reconciliation with National Income Components.**—Figures are not available to permit a reconciliation of the estimates for value added in manufacturing and the national income originating in manufacturing for the current period. However, in 1957, the Census Bureau conducted a special survey, MC-D11, "Selected Costs and Assets of Manufacturing Establishments," which collected information on some of the costs included in value added for services purchased from other sectors or excluded from the national income estimates. These specific costs which accounted for about \$15 billion of the \$148 billion of value added in 1957 were maintenance and repairs, \$4.5 billion; insurance, \$.7 billion; property taxes, \$1.5 billion; rental payments, \$1.4 billion; and depreciation, \$7.3 billion. The residual value added, \$132 billion, was approximately \$16 billion in excess of national income of \$116 billion.

Table L presents an approximate reconciliation of national income and value added figures for manufacturing in 1957. The national income estimates for payrolls and other factor income in that year are based on the unrevised national income figures which are somewhat lower than the revised estimate appearing in table K. It should be noted that the labor costs included in national income and value added are reasonably close despite the fact that they are computed on a slightly different basis. If the proprietary and profit incomes of the company-based national income estimates are allocated to the establishments included in the census of manufactures, value added exceeds national income by \$35 billion of which \$15 billion is attributable to costs reported on survey MC-D11. Somewhat more than half of the \$35 billion excess represents the inclusion in value added by manufacture of purchased business services arising in other economic sectors; the remainder reflects conceptual differences arising from the inclusion, in value added, of indirect business taxes and depreciation which are excluded by definition from national income.

## 18. CAPITAL EXPENDITURES

Under this heading, manufacturers were instructed to report expenditures of the type chargeable to fixed assets accounts, for which depreciation reserves are normally maintained. Actual capital outlays during the year were requested, not the final value of equipment put in place or structures completed during the year.

The Census Bureau estimates of capital expenditures tend to be lower than those published in the joint Office of Business Economics-Securities and Exchange Commission survey. In addition to normal sampling variation, a major source of difference is to be found in the scope of the two series. Census data relate only to manufacturing establishments, whereas the OBE-SEC series covers all establishments of manufacturing companies—nonmanufacturing as well as manufacturing. This factor is particularly important in the petroleum industry where company expenditures for developing new wells and new distribution facilities are ordinarily much larger than their capital expenditures at refineries. On the other hand, manufacturing establishments of companies engaged primarily in nonmanufacturing activities are excluded from the OBE-SEC series but included in census figures. The OBE-SEC and census data for recent years are shown in tables M and N.

## 19. PLANT SPECIALIZATION

As discussed in section 4 above, the primary products of a plant are those which determine its industry classification; all other products are referred to as secondary products. The value of a plant's primary products in comparison to its total production is referred to as its degree of specialization. For each plant, two



TABLE L. 1957 Comparative Statistics on Value Added and National Income in Manufacturing  
(Billions of dollars)

Item	Value added	National income <sup>1</sup>
Total.....	147.8	112.5
Payrolls.....	89.4	87.9
Payrolls of operating manufacturing establishments.....	76.4	} <sup>2</sup> 80.6 <sup>3</sup> 7.2
Supplements to wages in operating manufacturing establishments.....	6.0	
Payrolls of central administrative offices and auxiliaries, sales branches and offices of manufacturing companies.....	47.0	
Other factor incomes (Corporate profits, proprietary income).....	24.6	24.6
Costs of manufacturing establishments reported on MC-D11.....	15.4	(X)
Not part of national income:		
Depreciation.....	7.3	(X)
Property taxes.....	1.5	(X)
Probably included in other sectors:		
Maintenance and repairs.....	4.5	(X)
Rental payments.....	1.4	(X)
Insurance.....	.7	(X)
Other costs (company overhead other than payrolls included above; e.g., depreciation, business taxes, and services purchased at the company level, and services purchased directly by plants: advertising, legal, accounting, and other professional services; communications, patent fees, royalties, travel costs, etc.....	18.4	(X)

Standard notes: (X) Not applicable.

<sup>1</sup>Prior to 1958 revisions of national income. The revised total was \$116.3 billion. <sup>2</sup>Payrolls.

<sup>3</sup>Supplements to wages. <sup>4</sup>Estimate based on figures reported in the 1958 economic censuses.

TABLE M. Expenditures for New Plant and Equipment—OBE—SEC  
Series and Census: 1967 and Earlier Years  
(Billions of dollars)

Year	OBE—SEC series 1 <sup>1</sup> (1)	Census (census of manu- factures and ASM) (2)	Col. (2) divided by col. (1)
1967.....	26.7	<sup>2</sup> 21.4	<sup>2</sup> 0.80
1966.....	27.0	20.2	.75
1965.....	22.5	16.6	.74
1964.....	18.6	13.3	.72
1963.....	15.7	11.4	.73
1962.....	14.7	10.0	.68
1961.....	13.7	9.8	.72
1960.....	14.5	10.0	.69
1959.....	12.1	9.3	.77
1958.....	11.4	9.6	.84
1954.....	11.0	8.2	.74
1947.....	8.7	<sup>3</sup> 6.0	.69

<sup>1</sup>Source: 1969 Business Statistics, Office of Business Economics, issued September 1969.

<sup>2</sup>Preliminary.

<sup>3</sup>Excludes data for establishments under construction but not yet in operation.

measures of specialization were computed: (1) A 4-digit primary product-specialization ratio, which is the sum of the values of all the plant's primary products divided by the sum of all its primary and secondary products; and (2) a 5-digit primary product-class specialization ratio, which is the sum of the largest 5-digit product-class value divided by the sum of its primary and secondary products (the miscellaneous receipts of the establishment were not included in these calculations). For example, assume that an establishment reported the following:

Total value of shipments and other receipts	\$1,000
Miscellaneous receipts (resales, etc.)	15
Total value of products shipped	985
32721 Concrete pipe products	100
32722 Precast concrete products	785
32730 Ready-mixed concrete	100

This plant would be coded into SIC industry 3272, Concrete Products, with a primary product specialization ratio of 90 percent ( $\$885 \div 985$ ); it would be subclassified into the 5-digit class 32722, Precast Concrete, with a primary product class specialization ratio of 80 percent ( $\$785 \div 985$ ).

In the 1967 census, selected general statistics (number of establishments, employment, payrolls, value added, cost of materials, value of shipments, and capital expenditures) were tabulated to primary product-class levels by assigning the plant totals to the principal 5-digit codes. These data are presented in table 8 of the industry chapters, Volume II. For most product

TABLE N. Expenditures for New Plant and Equipment—OBE—SEC Series and Census of Manufactures, by Industry Group: 1967  
(Billions of dollars)

Industry groups	OBE—SEC series (1)	Census of Manufactures, 1967 (2)	Column (2) divided by column (1) (1)
		(prelim.)	(prelim.)
All manufacturing, total.	26.69	21.44	0.80
Durable goods, total.....	13.70	11.70	.85
Primary metals.....	3.21	3.03	.94
Electric machinery.....	1.24	1.56	1.26
Machinery, except electric...	2.95	1.88	.64
Transportation equipment....	2.75	1.81	.66
Stone, clay, and glass.....	.73	.87	1.19
Other durables.....	2.83	2.55	.90
Nondurable goods, total....	13.00	9.72	.75
Food and beverages.....	1.41	1.73	1.23
Textiles.....	.89	.74	.83
Paper.....	1.64	1.59	.97
Chemicals.....	2.88	2.88	1.00
Petroleum.....	4.65	1.00	.22
Rubber.....	.49	.68	1.39
Other nondurables.....	1.04	1.10	1.06

Source: 1969 Business Statistics, Office of Business Economics, issued September 1969, and census of manufactures.

classes, table 8 also provides general statistics for establishments specializing in the class to the extent of 75 percent or more.

Table 8 permits analysis of an industry in terms of the differences introduced by variation among establishments in the degree of specialization in the products of the industry or a subgroup (5-digit). For example, where the ratios among various statistics tend to be different for establishments specializing to different degrees in the products of the industry or in different product classes, the ratios for the industry as a whole would be significantly affected by changes in its product mix.

## 20. OPERATING RATIOS

Since all of the data collected in the census on establishment reports are interrelated, comparisons of the various measures of activity are of considerable interest. Beginning with the 1963 census, several ratios have been routinely computed and presented in the industry chapters of Volume II. For 1967 and earlier years, the following nine ratios were published for each 4-digit industry:

- Payroll per employee
- Production workers as percent of total employment
- Annual man-hours of production workers
- Average hourly earnings of production workers
- Cost of materials per dollar of shipments
- Cost of materials and payrolls per dollar of shipments
- Value added per employee
- Payrolls as percent of value added
- Value added per man-hour of production worker

## 21. SUBJECT REPORTS SHOWN IN VOLUME I, SUMMARY AND SUBJECT STATISTICS

Volume I includes 3 tables representing summaries of rearrangements of data appearing in the industry and area volumes, and 2 special reports presenting statistics which are not published elsewhere. The contents of Volume I are as follows:

**Chapter 1. General Summary.**—This chapter, which appears in other volumes as well as Volume I, provides summary tabulations of data presented in greater detail in other census tables.

**Chapter 2. Size of Establishments.**—This chapter provides a summary of the general statistics by size of establishment which appear in table 4 of the industry chapters, Volume II. Also included are data on central administrative offices and auxiliary establishments, classified by size.

**Chapter 3. Type of Organization.**—This report presents data for manufacturing establishments classified as to the legal form of ownership (corporate, individual proprietor, or partnership) and as to whether the owner was a multiunit or single-unit company.

**Chapter 4. Manufacturers' Inventories.**—These tables summarize the inventory data published in table 3 of the industry chapters, Volume II. A description of the statistics is given in appendix A.

**Chapter 5. Expenditures for Plant and Equipment.**—These tables summarize the expenditures data published in table 3 of the industry chapters, Volume II. A description of the data is given in appendix A and in section 18, "Capital Expenditures."

**Chapter 6. Materials Consumed.**—This chapter consists of a compilation of detailed statistics on consumption of materials, fuels, and electricity. These figures also appear in Volume II, Industry Statistics, as tables 7A and 7B.

**Chapter 7. Water Use in Manufacturing.**—This report presents the results of a survey of the 1968 consumption of water in establishments consuming 20 million gallons or more annually. A more detailed description of the report and definitions of the terms employed, is given in the introduction to chapter 7.

**Chapter 8. Selected Metalworking Operations.**—This report presents the results of an inquiry concerning employment in metalworking plants such as foundry, forge shop, die casting department, heat treating, etc. The number of establishments in which these facilities are operated is presented, as well as the number of production workers engaged.

**Chapter 9. Concentration Ratios.**—This special report presents concentration ratios and other information on the share of industrial activity accounted for by the largest companies, both for the United States as a whole and for each of the 420 manufacturing industries. A more detailed description of the report, and explanations of the terms employed, is given in the introduction to chapter 9.

**Chapter 10. Manufacturing Activity in Government Establishments.**—This special report presents data on manufacturing activities in selected types of government establishments in the United States. The statistics are not included in other census of manufactures tables, which cover only privately operated establishments. A more detailed description of the report is given in the introduction to chapter 10.



## 22. CONFIDENTIALITY

The Bureau of the Census is prohibited by law from publishing any statistics that disclose information reported by individual companies. In suppressing figures to avoid disclosing information of individual companies, geographic region and division totals are given precedence over individual States; States are given precedence over standard metropolitan statistical areas; standard metropolitan statistical areas over counties; and counties over cities. In tables showing industry detail, major industry group (2-digit) totals take preference over industry group (3-digit) totals which, in turn, take precedence over individual (4-digit) industries. Similarly, in product tables, 4-digit product groupings take precedence over 5-digit product classes and the latter over individual 7-digit products.

Such order of precedence was used because (1) it was considered preferable to show regional data for an industry, even at the cost of withholding data for another (usually the least significant) State in a region, rather than to show all publishable data for the individual States and group the disclosure States throughout the United States in an "all other" category as was done in the 1939 and earlier censuses; and (2) by giving preference to industry-group statistics over individual industries within each State, the extent to which individual States can be compared within the SIC industry classification framework is greatly increased.

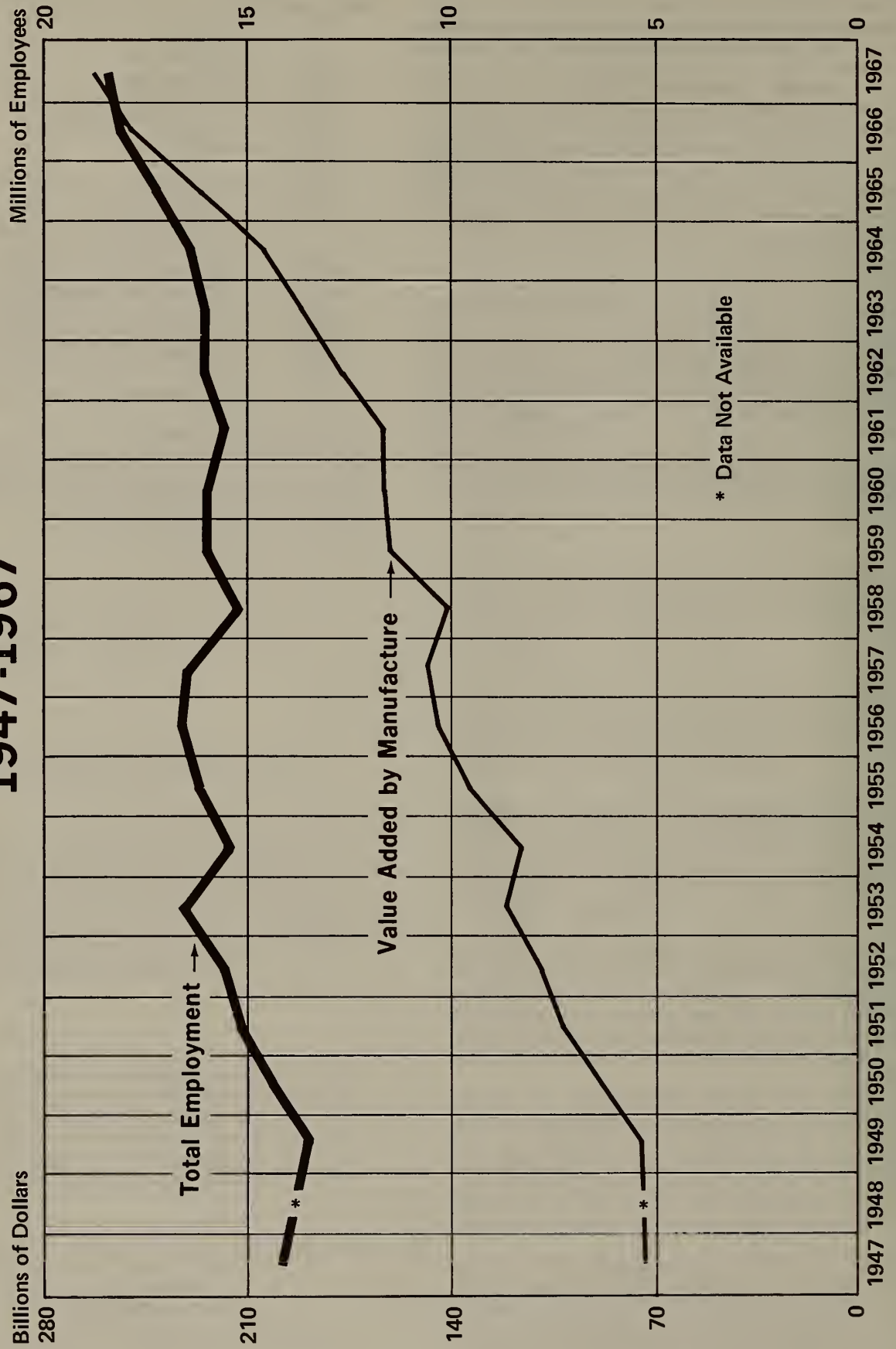
## 23. ABBREVIATIONS

The following abbreviations and symbols occur frequently in text, tables, and footnotes:

—	Zero
X	Not applicable
NA	Not available
n.e.c.	Not elsewhere classified
n.s.k.	Not specified by kind
lin.	Linear
equiv.	Equivalent
hp	Horsepower
kw.-hrs.	Kilowatt-hours
D	Withheld to avoid disclosing figures for individual companies
SIC	Standard Industrial Classification
IRS	Internal Revenue Service
SSA	Social Security Administration
ASM	Annual Survey of Manufactures
CIR	Current Industrial Reports
OBE	Office of Business Economics
SEC	Securities and Exchange Commission

Other abbreviations, such as lb., gal., yd., doz., and bbl., are used in the customary sense. Where the term "tons" only is used, it refers to short tons of 2,000 pounds; where the figures are expressed in tons of 2,240 pounds, the unit of measure is specified as "long tons" or "gross tons."

# Value Added by Manufacture and Total Employment: 1947-1967





## General Summary Tables

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TABLE 1. General Statistics for Operating Manufacturing Establishments: 1967 and Earlier Years

Year	Establishments		Proprietors and partners	All employees <sup>1</sup>		Production workers			Value added by manufacture <sup>3</sup> (million dollars)	Capital expenditures, new <sup>4</sup> (million dollars)	Index of industrial production <sup>5</sup> 1957-1959=100
	Total (number)	With 20 employees or more (number)		Number <sup>2</sup> (1,000)	Payroll (million dollars)	Number <sup>2</sup> (1,000)	Man-hours (millions)	Wages (million dollars)			
1967.....	305,680	107,138	(NA)	18,492.0	123,480.6	13,955.3	27,837.6	81,393.6	261 983.8	21 503.0	158
1966 <sup>6</sup> .....	(NA)	(NA)	(NA)	18,200.3	117,157.4	13,826.5	28,102.5	78,256.4	250,880.1	20,235.8	156
1965 <sup>6</sup> .....	(NA)	(NA)	(NA)	17 250.5	106,643.2	13,076.0	26,567.8	71,361.5	226,939.9	16,615.0	143
1964 <sup>6</sup> .....	(NA)	(NA)	(NA)	16,485.7	98,685.3	12,403.3	25,245.5	65,838.9	206,193.6	13,294.3	132
1963.....	306,617	99,352	168,674	16,231.9	93,283.3	12,232.0	24,509.4	62,093.6	192,082.9	11,370.0	124
1962 <sup>6</sup> .....	(NA)	(NA)	(NA)	16,154.7	89,819.2	12,126.5	24,269.5	59,134.1	179,071.1	10,436.2	118
1961 <sup>6</sup> .....	(NA)	(NA)	(NA)	15,729.6	83,677.4	11,778.5	23,289.4	54,764.6	164,281.1	9,779.8	110
1960 <sup>6</sup> .....	(NA)	(NA)	(NA)	16,149.9	83,672.5	12,209.5	24,174.4	55,555.5	163,998.5	10,097.8	109
1959 <sup>6</sup> .....	(NA)	(NA)	(NA)	16,062.9	81,203.6	12,272.6	24,443.6	54,714.1	161,535.8	9,140.0	106
1958 <sup>7</sup> .....	299,017	95,278	185,732	15,423.1	73,875.2	11,681.1	22,679.2	49,605.2	141,540.6	9,543.5	94
1957 <sup>8</sup> .....	(NA)	(NA)	(NA)	16,621.1	76,314.6	12,838.9	25,208.0	52,569.0	147,838.4	12,144.0	101
1956 <sup>8</sup> .....	(NA)	(NA)	(NA)	16,694.4	74,015.1	13,131.3	26,088.5	52,040.8	144,909.3	11,233.2	100
1955 <sup>8</sup> .....	(NA)	(NA)	(NA)	16,335.5	69,096.6	12,954.4	25,898.3	49,217.9	135,022.5	8,233.1	97
1954.....	286,814	90,470	197,850	15,645.5	62,962.7	12,372.0	24,334.1	44,590.5	117,032.3	8,200.7	86
1953 <sup>9</sup> .....	285,000	(NA)	(NA)	16,693.1	66,492.9	13,500.9	27,065.6	48,979.1	121,659.1	8,047.9	91
1952 <sup>9</sup> .....	267,000	(NA)	(NA)	15,732.7	59,598.2	12,706.0	25,617.6	43,763.6	109,162.1	7,883.4	84
1951 <sup>9</sup> .....	262,000	(NA)	(NA)	15,309.6	54,741.5	12,508.9	25,263.8	40,654.8	102,085.8	7,781.7	81
1950 <sup>9</sup> .....	260,000	(NA)	(NA)	14,467.1	46,642.8	11,778.8	23,716.5	34,600.0	89,749.8	5,041.3	75
1949 <sup>9</sup> .....	(NA)	(NA)	(NA)	13,566.9	41,482.0	11,016.3	21,769.7	30,254.0	75,366.5	5,066.9	65
1947 <sup>9</sup> .....	240,807	(NA)	188,948	14,294.0	39,695.6	11,917.9	24,316.5	30,244.0	74,290.5	5,998.1	66
1939.....	173,802	(NA)	<sup>9</sup> 123,655	<sup>10</sup> 9,527.3	<sup>8</sup> 12,706.1	7,808.2	(NA)	8,997.5	24,487.3	(NA)	38
1937.....	166,794	(NA)	99,268	9,786.4	12,829.7	8,569.2	(NA)	10,112.9	25,173.5	(NA)	40
1935.....	167,916	(NA)	81,521	8,262.3	9,564.8	7,203.8	(NA)	7,311.3	18,552.6	(NA)	31
1933.....	139,325	(NA)	72,267	<sup>16</sup> 6,557.9	<sup>9</sup> 6,237.8	5,787.6	(NA)	4,940.1	14,007.5	(NA)	24
1931.....	171,450	(NA)	(NA)	(NA)	(NA)	6,163.1	(NA)	6,688.5	18,600.5	(NA)	27
1929.....	206,663	(NA)	132,686	9,659.7	14,284.3	8,369.7	(NA)	10,884.9	30,591.4	(NA)	38
1927.....	187,629	(NA)	132,151	9,072.1	13,123.1	7,848.1	(NA)	10,099.5	26,325.4	(NA)	33
1925.....	183,877	(NA)	132,971	9,142.4	12,957.7	7,871.4	(NA)	9,979.6	25,667.6	(NA)	32
1923.....	192,096	(NA)	147,958	9,474.7	12,996.5	8,194.2	(NA)	10,148.6	24,569.5	(NA)	30
1921.....	192,059	(NA)	172,291	7,557.4	9,870.2	6,475.5	(NA)	7,451.3	17,252.8	(NA)	20
1919.....	270,231	(NA)	249,865	9,836.8	12,426.9	8,464.9	(NA)	9,660.0	23,841.6	(NA)	25
1914.....	268,436	(NA)	258,560	7,514.2	5,016.0	6,602.3	(NA)	3,782.3	9,385.6	(NA)	(NA)
1909.....	264,810	(NA)	272,421	7,021.1	4,105.5	6,261.7	(NA)	3,205.2	8,160.1	(NA)	(NA)
1904.....	213,444	(NA)	225,115	5,674.9	2,990.9	5,181.7	(NA)	2,440.9	6,019.2	(NA)	(NA)
1899.....	204,754	(NA)	(NA)	4,850.0	2,258.7	4,501.9	(NA)	1,892.6	4,647.0	(NA)	(NA)
1899 <sup>12</sup> .....	509,490	(NA)	(NA)	5,478.3	2,595.6	5,097.6	(NA)	2,206.5	5,474.9	(NA)	(NA)
1889.....	353,864	(NA)	(NA)	4,586.5	2,209.1	4,129.4	(NA)	1,820.9	4,102.3	(NA)	(NA)
1879.....	253,852	(NA)	(NA)	(NA)	(NA)	2,732.6	(NA)	948.0	1,972.8	(NA)	(NA)
1869.....	252,148	(NA)	(NA)	(NA)	(NA)	2,054.0	(NA)	620.5	1,395.1	(NA)	(NA)
1859.....	140,433	(NA)	(NA)	(NA)	(NA)	1,311.2	(NA)	378.9	854.3	(NA)	(NA)
1849.....	123,025	(NA)	(NA)	(NA)	(NA)	957.1	(NA)	236.8	464.0	(NA)	(NA)

Note: See appendix A for an explanation of terms used.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

<sup>1</sup>The figures for 1939 to 1967 include data for employees at manufacturing establishments who were engaged in distribution and in construction work. The extent to which data for such employees were included in the figures for earlier years is not known. In addition to the employment and payroll for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.) which service the manufacturing establishment(s) of a company. These figures were collected by the Bureau of the Census for 1967, 1963, 1958, and 1954. The data for 1967, 1963, and 1958 are shown in table 2.

<sup>2</sup>The method of compiling these figures has varied, as follows: All employees: for 1955-1967, figures represent the average of the number of production workers for the payroll period ended nearest the 15th of March, May, August and November, plus all other employees for the payroll period ended nearest the 15th of March; for 1949-1954, they represent an average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947, an average of 12 monthly figures for all employees; and for 1939 and prior years, the average number of production workers based on 12 monthly figures, plus the number of nonproduction workers for one payroll period (usually in October). Production workers: for 1949-1963, figures are based on employment for the payroll period ended nearest the 15th of March, May, August, and November; and for 1947 and prior years, they represent the average of 12 monthly figures.

<sup>3</sup>For the period 1954 to 1967 value added by manufacture represents adjusted value added and for earlier years, unadjusted value added. Unadjusted value added is obtained by subtracting the cost of materials, supplies and containers, fuel, purchased electric energy, and contract work from the value of shipments for products manufactured plus receipts for services rendered. Adjusted value added also takes into account (a) value added by merchandising operations (that is, the difference between the sales value and cost of merchandise sold without further manufacture, processing, or assembly), plus (b) the net change in finished goods and work-in-process inventories between the beginning and end of the year. For 1849-1933, cost of contract work was not subtracted from value of shipments in calculating value added by manufacture.

<sup>4</sup>The figures for 1951 to 1967 include expenditures for plants under construction and not yet in operation. This information was not collected prior to 1951.

<sup>5</sup>Based on current Federal Reserve Board bulletins.

<sup>6</sup>These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period.

<sup>7</sup>The 1958 and subsequent years figures include establishments classified in industry 3273, Ready Mixed Concrete, and establishments classified in industry 3599, Miscellaneous Machinery, that were engaged exclusively or almost exclusively in machine shop repair work. The data for such establishments are excluded from the figures for the period 1939 to 1957, but are included for 1929 and earlier years. The 1954 to 1967 figures include data for establishments engaged in the processing and distribution of fluid milk, industry group 202, dairies. These establishments were not included in the figures for earlier census years. In addition, beginning with 1954, the figures include data for Logging Camps and Contractors, industry 2411, which were not included within the scope of the 1947 census. There were also a number of changes in the definition of manufacturing industries during earlier census years that affect the comparability of the historical series. Among the more important of these were the following: Figures for 1935 and later years exclude data for railroad repair shops and manufactured gas which were included in 1899 to 1933 figures; the minimum size of establishment included for 1947 to 1967 was 1 employee; for 1921 to 1939, manufacturing establishments reporting value of shipments of \$5,000 or more were within scope whereas for 1919 and earlier years the cutoff was \$500. (These changes in procedure have not appreciably affected the comparability of the historical data except for the figures on number of establishments.)

<sup>8</sup>The figures for 1939, but not for earlier years, have been revised on the basis of retabulation of the returns to exclude data for establishments classified as manufacturing in 1939 and prior years but classified as nonmanufacturing beginning with 1947. Value added by manufacture for 1939, prior to revision and on a basis comparable with 1937 and previous years, was \$24.7 billion.

<sup>9</sup>Not revised to exclude data for establishments classified as manufacturing in 1939 and prior years but classified as nonmanufacturing beginning with 1947.

<sup>10</sup>The 1939 figures for "all employees" were revised on the basis of estimates rather than by retabulation of the 1939 reports. The estimates were made in the following manner: for number of employees, by multiplying the retabulated figure for number of production workers by the ratio of all employees to production workers computed from the unrevised 1939 statistics; for salaries and wages, by multiplying the retabulated wage figure by the ratio for salaries and wages also derived from the unrevised 1939 statistics.

<sup>11</sup>Not including data for salaried officers of corporations and their salaries and, therefore, not strictly comparable with figures for other years.

<sup>12</sup>These figures for 1899 and earlier years represent hand and neighborhood manufacturing operations.



TABLE 2. Manufacturing Employment: 1967, 1963, and 1958

Code	Major industry group	Year	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries	
			Employees (1,000)	Payroll (million dollars)	Employees (1,000)	Payroll (million dollars)	Employees (1,000)	Payroll (million dollars)
	All industries, total.....	1967	19,322.9	132,208.5	18,492.3	123,480.6	830.9	8,727.9
		1963	16,958.4	99,898.8	16,231.9	93,283.3	726.5	6,615.5
		1958	16,025.2	78,348.9	15,423.1	73,875.2	602.1	4,473.7
20	Food and kindred products.....	1967	1,725.9	10,841.5	1,649.6	10,076.8	76.3	764.7
		1963	1,714.6	9,233.9	1,643.1	8,637.2	71.5	596.8
		1958	1,781.4	8,064.4	1,718.1	7,622.3	63.3	442.1
21	Tobacco manufactures.....	1967	83.1	451.2	75.1	376.8	8.0	74.4
		1963	83.8	381.3	77.3	330.5	6.5	50.8
		1958	92.0	341.7	84.5	294.6	7.5	47.1
22	Textile mill products.....	1967	954.0	4,610.6	929.0	4,390.9	25.0	219.7
		1963	883.1	3,538.0	863.2	3,385.0	19.9	152.9
		1958	918.6	3,043.1	903.2	2,942.9	15.4	100.2
23	Apparel and other textile products.....	1967	1,372.9	5,722.2	1,356.7	5,582.2	16.2	140.0
		1963	1,290.5	4,508.8	1,279.5	4,423.0	11.0	85.8
		1958	1,188.5	3,637.7	1,181.0	3,586.6	7.5	51.2
24	Lumber and wood products.....	1967	561.7	2,872.6	554.0	2,798.9	7.7	73.7
		1963	568.7	2,385.4	563.1	2,338.7	5.6	46.7
		1958	591.0	2,042.2	585.4	2,007.5	5.7	34.8
25	Furniture and fixtures.....	1967	430.0	2,305.1	425.3	2,258.3	4.7	46.8
		1963	381.2	1,767.1	376.5	1,726.7	4.7	40.4
		1958	357.2	1,436.0	354.2	1,413.7	3.0	22.3
26	Paper and allied products.....	1967	670.7	4,786.7	638.9	4,436.2	31.8	350.5
		1963	613.8	3,746.4	588.0	3,508.2	25.8	238.2
		1958 <sup>1</sup>	573.6	2,920.9	551.3	2,759.4	22.3	161.5
27	Printing and publishing.....	1967	1,052.1	7,323.5	1,031.0	7,151.5	21.1	172.0
		1963	925.1	5,611.5	913.2	5,514.8	11.8	96.7
		1958	871.7	4,533.9	864.6	4,489.2	7.1	44.6
28	Chemicals and allied products.....	1967	982.7	7,932.1	841.4	6,443.0	141.3	1,489.1
		1963	853.1	6,013.6	737.4	4,969.8	115.7	1,043.8
		1958	783.9	4,604.5	698.3	3,940.5	85.6	664.0
29	Petroleum and coal products.....	1967	210.7	1,960.5	141.6	1,216.1	69.1	744.4
		1963	219.9	1,762.9	153.5	1,133.8	66.4	629.1
		1958 <sup>1</sup>	247.4	1,655.9	179.1	1,116.7	68.3	539.2
30	Rubber and plastics products, n.e.c....	1967	531.0	3,421.8	516.7	3,286.5	14.3	135.3
		1963	426.7	2,470.8	415.0	2,364.0	11.8	106.7
		1958	356.1	1,785.5	347.8	1,723.3	8.3	62.2
31	Leather and leather products.....	1967	336.6	1,518.2	328.7	1,458.8	7.9	59.4
		1963	335.0	1,278.0	327.5	1,227.8	7.6	50.2
		1958	358.5	1,192.2	349.2	1,146.0	9.3	46.2
32	Stone, clay, and glass products.....	1967	620.6	4,133.8	589.9	3,825.5	30.7	308.3
		1963	602.8	3,462.5	573.9	3,212.5	28.9	250.0
		1958	574.8	2,754.0	552.5	2,586.4	22.3	167.6
33	Primary metal industries.....	1967	1,329.1	10,395.7	1,281.0	9,850.9	48.1	544.8
		1963	1,167.0	8,149.0	1,126.5	7,734.1	40.4	414.8
		1958	1,129.5	6,600.3	1,091.9	6,280.5	37.6	319.8
34	Fabricated metal products.....	1967	1,375.1	9,670.0	1,341.8	9,319.5	33.3	350.5
		1963	1,110.6	6,644.0	1,082.1	6,387.5	28.5	256.5
		1958	1,090.3	5,634.2	1,060.5	5,425.3	29.8	208.9
35	Machinery, except electrical.....	1967	1,929.4	14,930.2	1,864.5	14,226.3	64.9	703.9
		1963	1,520.6	10,146.6	1,459.4	9,571.0	61.2	575.6
		1958	1,385.8	7,577.6	1,350.3	7,314.3	35.5	263.4
36	Electrical equipment and supplies.....	1967	1,980.6	14,106.5	1,874.9	12,968.0	105.7	1,138.5
		1963	1,612.2	10,207.1	1,511.8	9,284.3	100.4	922.9
		1958	1,218.6	6,323.4	1,140.8	5,755.2	77.8	568.2
37	Transportation equipment.....	1967	1,935.5	16,342.4	1,834.1	15,173.7	101.4	1,168.7
		1963	1,689.7	12,735.6	1,601.2	11,858.2	88.6	877.4
		1958	1,641.9	9,793.2	1,562.4	9,185.7	79.4	607.5
38	Instruments and related products.....	1967	409.6	2,980.8	394.3	2,821.6	15.3	159.2
		1963	316.4	2,010.4	305.5	1,912.5	11.0	98.0
		1958	293.8	1,564.0	286.4	1,509.5	7.4	54.5
39,19	Miscellaneous manufacturing industries and ordnance and accessories.....	1967	831.6	5,903.5	823.5	5,819.4	8.1	84.1
		1963	645.8	3,851.3	639.3	3,794.5	9.2	82.3
		1958	569.5	2,838.6	560.5	2,770.1	9.0	68.4

Note: See appendix A for explanation of terms used.

<sup>1</sup>The 1967, 1963, and most of the 1958 figures represent data for establishments located in the conterminous United States, Alaska, and Hawaii. However when the 1958 figures were previously published they did not include data for Alaska and Hawaii since these areas did not achieve statehood until 1959. The addition of the 1958 Alaska and Hawaii figures to the previously published figures for major industry groups 26 and 29 would have resulted in a disclosure. Therefore the 1958 Alaska and Hawaii data are excluded from these major groups but are included at the "all industries" level.

TABLE 3. General Statistics for Establishments by Industry Groups and Industries:  
1967 and 1963

Code	Industry group and industry	1967									
		Companies	Establishments		All employees		Production workers			Value added by manufacture	Value of shipments
			Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages		
	ALL MFG. ESTABS. INCL. C+A+O.'S.	269 471	311 140	110 257	19 322.9	132 208.4	13 955.3	27 837.6	81 393.6	261 983.8	557 397.8
2D	FOOD AND KINDRED PRODUCTS. . . . .	26 749	32 518	13 514	1 649.6	10 076.8	1 121.7	2 259.4	6 062.6	26 620.9	<sup>2</sup> 83 975.2
21	TOBACCO MANUFACTURES. . . . .	209	329	195	75.1	376.8	66.2	125.5	303.6	2 032.0	<sup>2</sup> 4 903.6
22	TEXTILE MILL PRODUCTS. . . . .	5 773	7 080	4 453	929.0	4 390.9	828.2	1 689.7	3 556.6	8 153.2	<sup>2</sup> 19 815.2
23	APPAREL, OTHER TEXTILE PRODUCTS. . . . .	24 500	26 393	12 705	1 356.7	5 582.2	1 200.4	2 178.6	4 340.6	10 064.4	<sup>2</sup> 21 326.9
24	LUMBER AND WOOD PRODUCTS. . . . .	35 573	36 795	5 803	554.0	2 798.9	495.7	977.0	2 290.6	4 973.4	<sup>2</sup> 11 205.7
25	FURNITURE AND FIXTURES. . . . .	9 518	10 008	3 449	425.3	2 258.3	357.5	715.7	1 653.7	4 169.5	<sup>2</sup> 7 749.8
26	PAPER AND ALLIED PRODUCTS. . . . .	3 913	5 890	3 812	638.9	4 436.2	507.7	1 071.2	3 205.5	9 756.3	<sup>2</sup> 20 969.9
27	PRINTING AND PUBLISHING. . . . .	36 431	37 989	8 035	1 031.0	7 151.5	631.6	1 196.1	4 011.3	14 355.1	<sup>2</sup> 21 738.4
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	8 556	11 799	4 348	841.4	6 443.0	541.4	1 086.1	3 555.2	23 550.1	<sup>2</sup> 42 148.3
29	PETROLEUM AND COAL PRODUCTS. . . . .	1 200	1 880	704	141.6	1 216.1	99.4	202.1	786.4	5 425.8	<sup>2</sup> 22 043.4
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	5 624	6 456	3 122	516.7	3 286.5	410.1	815.5	2 312.5	6 799.5	<sup>2</sup> 12 758.6
31	LEATHER AND LEATHER PRODUCTS. . . . .	3 262	3 685	1 967	328.7	1 458.8	293.3	549.2	1 147.0	2 626.5	<sup>2</sup> 5 169.0
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	13 044	15 580	4 911	589.9	3 825.5	469.3	948.4	2 784.1	8 333.4	<sup>2</sup> 14 449.4
33	PRIMARY METAL INDUSTRIES. . . . .	5 538	6 837	4 082	1 281.0	9 850.9	1 041.5	2 088.7	7 457.3	19 978.2	<sup>2</sup> 46 730.9
34	FABRICATED METAL PRODUCTS. . . . .	25 262	27 418	10 742	1 341.8	9 319.5	1 056.9	2 160.9	6 541.6	18 042.6	<sup>2</sup> 34 577.8
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	36 008	37 892	10 627	1 864.5	14 226.3	1 349.0	2 785.0	9 236.1	27 836.4	<sup>2</sup> 48 477.2
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	8 799	10 706	5 572	1 874.9	12 968.0	1 323.8	2 611.3	7 607.0	24 487.3	<sup>2</sup> 43 361.0
37	TRANSPORTATION EQUIPMENT. . . . .	6 563	7 483	3 354	1 834.1	15 173.7	1 336.5	2 745.6	9 918.2	28 173.9	<sup>2</sup> 68 512.3
38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	4 020	4 453	1 614	394.3	2 821.6	265.9	530.2	1 569.0	6 418.4	<sup>2</sup> 9 907.2
39	MISC. MANUFACTURING INDUSTRIES. . . . .	13 614	14 072	3 845	423.1	2 291.0	344.4	662.0	1 552.5	4 599.4	<sup>2</sup> 8 310.7
19	ORONANCE AND ACCESSORIES <sup>3</sup> . . . . .	324	417	285	400.4	3 528.4	214.8	439.4	1 502.2	5 587.8	<sup>2</sup> 9 267.7
--	ADMINISTRATIVE AND AUXILIARY <sup>4</sup> . . . . .	(NA)	5 460	3 119	830.9	8 727.9	-	-	-	-	-
20	FOOD AND KINDRED PRODUCTS. . . . .	26 749	32 518	13 514	1 649.6	10 076.8	1 121.7	2 259.4	6 062.6	26 620.9	83 975.2
2D1	MEAT PRODUCTS. . . . .	4 492	4 914	2 029	310.1	1 953.5	248.9	508.0	1 435.1	3 551.0	<sup>2</sup> 21 520.1
2D11	MEATPACKING PLANTS. . . . .	2 529	2 697	955	170.5	1 258.1	130.8	274.1	920.8	2 220.5	<sup>2</sup> 15 576.3
2D13	SAUSAGES AND OTHER PREPARED MEATS. . . . .	1 294	1 374	560	54.4	378.4	40.4	84.0	250.8	742.5	<sup>2</sup> 3 007.7
2D15	POULTRY DRESSING PLANTS. . . . .	709	843	514	85.2	317.1	77.7	149.9	263.5	588.0	<sup>2</sup> 9 361.1
202	DAIRY PRODUCTS. . . . .	5 141	6 188	2 506	231.7	1 449.3	107.3	222.1	604.5	3 466.4	<sup>2</sup> 12 815.1
2D21	CREAMERY BUTTER. . . . .	510	540	138	8.7	45.4	6.4	13.9	31.3	113.2	<sup>2</sup> 958.8
2D22	CHEESE, NATURAL AND PROCESSED. . . . .	891	1 026	238	20.0	103.6	16.6	33.9	80.0	226.5	<sup>2</sup> 1 707.8
2D23	CONDENSED AND EVAPORATED MILK. . . . .	179	291	169	13.2	83.4	10.0	20.7	59.3	373.1	<sup>2</sup> 1 263.0
2D24	ICE CREAM AND FROZEN DESSERTS. . . . .	713	850	325	24.6	156.4	13.8	27.2	77.2	403.0	<sup>2</sup> 1 059.4
2D26	FLUID MILK. . . . .	2 988	3 481	1 636	165.2	1 060.5	60.5	126.4	356.7	2 350.7	<sup>2</sup> 7 826.0
2D3	CANNED, CURED, AND FROZEN FOODS. . . . .	2 800	3 528	1 843	259.9	1 231.1	226.7	435.9	952.3	3 588.2	<sup>2</sup> 9 231.5
2D31	CANNED AND CURED SEAFOODS. . . . .	268	320	161	15.8	69.1	14.0	23.6	54.8	181.0	<sup>2</sup> 523.1
2D32	CANNED SPECIALTIES. . . . .	150	175	83	27.2	157.3	22.4	45.0	115.1	602.1	<sup>2</sup> 1 361.9
2D33	CANNED FRUITS AND VEGETABLES. . . . .	930	1 223	732	100.1	473.8	88.9	174.0	376.0	1 413.3	<sup>2</sup> 3 467.8
2D34	DEHYDRATED FOOD PRODUCTS. . . . .	134	178	81	11.1	58.0	9.4	18.1	44.0	167.7	<sup>2</sup> 420.8
2D35	PICKLES, SAUCES, AND SALAD DRESSINGS. . . . .	479	527	182	19.8	100.5	16.2	31.7	72.0	295.5	<sup>2</sup> 818.9
2D36	FRESH OR FROZEN PACKAGED FISH. . . . .	463	497	241	21.4	77.2	19.4	32.8	60.0	164.9	<sup>2</sup> 557.4
2D37	FROZEN FRUITS AND VEGETABLES. . . . .	495	608	363	64.5	295.2	56.4	110.7	230.4	763.7	<sup>2</sup> 2 081.6
2D4	GRAIN MILL PRODUCTS. . . . .	2 463	3 202	1 087	111.8	758.2	77.9	167.5	480.1	2 881.9	<sup>2</sup> 9 894.5
2D41	FLOUR AND OTHER GRAIN MILL PRODUCTS. . . . .	438	541	213	20.5	142.9	14.8	33.2	95.5	491.3	<sup>2</sup> 2 457.4
2D42	PREPARED FEEDS FOR ANIMALS AND FOWLS. . . . .	1 835	2 355	721	53.3	325.9	34.6	75.3	187.1	1 226.8	<sup>2</sup> 4 796.9
2D43	CEREAL PREPARATIONS. . . . .	30	45	28	12.2	93.8	10.1	20.2	71.9	473.3	<sup>2</sup> 793.0
2D44	RICE MILLING. . . . .	54	68	46	4.2	24.4	3.2	7.2	15.0	103.8	<sup>2</sup> 548.4
2D45	BLENDED AND PREPARED FLOUR <sup>7</sup> . . . . .	126	148	56	7.5	55.0	5.5	11.3	35.4	233.1	<sup>2</sup> 547.5
2D46	WET CORN MILLING. . . . .	32	45	23	14.1	116.1	9.8	20.3	75.2	353.6	<sup>2</sup> 751.3
205	BAKERY PRODUCTS. . . . .	3 720	4 390	1 808	264.2	1 664.8	159.6	320.1	891.5	3 494.6	<sup>2</sup> 6 466.5
2D51	BREAD, CAKE, AND RELATED PRODUCTS. . . . .	3 445	4 042	1 608	221.7	1 414.0	125.3	252.3	710.8	2 753.0	<sup>2</sup> 5 102.7
2D52	COOKIES AND CRACKERS. . . . .	286	348	200	42.5	250.8	34.2	67.8	180.7	741.6	<sup>2</sup> 1 363.8
2D6	SUGAR. . . . .	93	182	162	30.9	209.6	24.9	53.5	160.9	652.0	<sup>2</sup> 2 305.0
2D61	RAW CANE SUGAR. . . . .	61	83	74	7.9	48.5	6.2	14.5	35.4	133.8	<sup>2</sup> 368.5
2D62	CANE SUGAR REFINING. . . . .	22	34	27	11.5	92.7	8.7	18.7	69.2	308.5	<sup>2</sup> 1 375.7
2D63	BET SUGAR. . . . .	15	65	61	11.5	68.4	10.1	20.3	56.3	209.7	<sup>2</sup> 560.7
2D7	CONFECTIONERY AND RELATED PRODUCTS. . . . .	1 128	1 240	463	83.1	434.2	68.7	132.4	312.1	1 248.0	<sup>2</sup> 2 694.4
2D71	CONFECTIONERY PRODUCTS. . . . .	1 091	1 183	424	67.9	338.7	57.1	109.3	246.4	861.5	<sup>2</sup> 1 870.2
2D72	CHOCOLATE AND COCOA PRODUCTS. . . . .	27	34	23	8.4	53.9	6.6	13.4	39.2	196.2	<sup>2</sup> 520.5
2D73	CHEWING GUM. . . . .	19	23	16	6.8	41.6	4.9	9.7	26.5	190.3	<sup>2</sup> 303.7
2D8	BEVERAGES. . . . .	3 827	4 376	2 144	220.7	1 525.4	113.5	226.8	725.4	4 790.1	<sup>2</sup> 9 102.8
2D82	MALT LIQUORS. . . . .	125	185	150	59.6	519.7	40.0	76.8	331.4	1 545.7	<sup>2</sup> 2 929.7
2D83	MALT. . . . .	32	43	30	2.0	17.1	1.5	3.1	12.7	47.5	<sup>2</sup> 216.5
2D84	WINES, BRANDY, AND BRANDY SPIRITS. . . . .	175	205	68	6.8	47.3	4.3	8.6	25.1	196.8	<sup>2</sup> 410.2
2D85	DISTILLED LIQUOR, EXCEPT BRANDY. . . . .	70	112	95	19.4	141.6	15.6	31.9	104.0	736.7	<sup>2</sup> 1 364.2
2D86	BOTTLED AND CANNED SOFT DRINKS. . . . .	3 057	3 400	1 691	123.3	726.7	46.6	95.3	219.3	1 679.4	<sup>2</sup> 3 173.2
2D87	FLAVORING EXTRACTS AND SIRUPS, NEC. . . . .	401	543	110	9.7	73.0	5.5	11.0	33.0	584.0	<sup>2</sup> 1 009.1
2D9	MISC. FOODS AND KINDRED PRODUCTS. . . . .	3 569	4 498	1 472	137.0	850.7	94.3	193.1	500.5	2 948.7	<sup>2</sup> 9 945.3
2D91	COTTONSEED OIL MILLS. . . . .	91	150	112	5.4	26.5	4.2	9.4	17.1	65.4	<sup>2</sup> 405.9
2D92	SOYBEAN OIL MILLS. . . . .	60	102	78	8.0	54.9	5.5	12.2	34.4	215.4	<sup>2</sup> 148.3
2D93	VEGETABLE OIL MILLS, NEC. . . . .	34	41	17	1.7	10.8	1.4	3.1	7.9	41.8	<sup>2</sup> 236.7
2D94	ANIMAL AND MARINE FATS AND OILS. . . . .	477	588	226	13.7	91.3	9.5	21.7	58.2	206.0	<sup>2</sup> 557.9
2D95	ROASTED COFFEE. . . . .	206	268	126	16.3	119.5	9.4	19.0	62.1	726.4	<sup>2</sup> 2 092.2
2D96	SHORTENING AND COOKING OILS. . . . .	63	115	92	15.0	113.2	10.5	22.7	74.0	390.7	<sup>2</sup> 1 725.6
2D97	MANUFACTURED ICE. . . . .	688	947	109	7.9	38.0	5.4	10.4	23.2	75.7	<sup>2</sup> 99.5
2D98	MACARONI AND SPAGHETTI. . . . .	190	205	75	7.5	43.2	5.4	11.0	25.4	119.7	<sup>2</sup> 266.0
2D99	FOOD PREPARATIONS, NEC. . . . .	1 824	2 082	636	61.6	353.3	42.9	83.7	198.3	1 107.5	<sup>2</sup> 2 413.3

See footnotes at end of table.



TABLE 3. General Statistics for Establishments by Industry Groups and Industries:  
1967 and 1963—Continued

Code	Industry group and industry	1967—Continued						1963					
		Capital expenditures, new <sup>1</sup>			Inventories end of—		Special- ization ratio	Cover- age ratio	All employees		Value added by manufacture	Value of shipments	Capital ex- penditures, new
		Total	Structures and additions to plant	Machinery and equipment	1967	1966			Number	Payroll			
		(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(per- cent)	(per- cent)	(1,000)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
	ALL MFG. ESTABS. INCL. C.A.O.'S.	21 503.0	5 714.0	15 789.0	84 405.5	77 726.9	(NA)	(NA)	16 958.4	99 898.8	192 082.9	420 973.0	11 370.0
20	FOOD AND KINDRED PRODUCTS. . . . .	1 730.1	466.1	1 264.0	7 748.8	7 240.2	(NA)	(NA)	1 643.4	8 637.2	21 825.2	68 466.5	1 249.2
21	TOBACCO MANUFACTURES. . . . .	52.9	11.1	41.9	2 377.9	2 303.7	(NA)	(NA)	77.4	330.5	1 680.6	4 519.9	53.8
22	TEXTILE MILL PRODUCTS. . . . .	733.1	166.2	566.9	3 093.2	2 967.3	(NA)	(NA)	863.3	3 385.0	6 122.9	15 740.5	382.4
23	APPAREL, OTHER TEXTILE PRODUCTS. . . . .	208.3	57.9	150.5	2 753.0	2 672.5	(NA)	(NA)	1 279.0	4 423.0	7 860.9	17 096.9	128.6
24	LUMBER AND WOOD PRODUCTS. . . . .	426.0	88.0	338.0	1 465.7	1 466.4	(NA)	(NA)	563.3	2 338.7	4 020.7	9 200.0	394.7
25	FURNITURE AND FIXTURES. . . . .	198.0	85.2	112.9	1 129.8	1 080.4	(NA)	(NA)	376.4	1 726.7	3 068.3	5 884.1	110.2
26	PAPER AND ALLIED PRODUCTS. . . . .	1 585.3	301.6	1 283.8	2 262.8	2 176.0	(NA)	(NA)	587.9	3 508.2	7 395.7	16 357.1	708.5
27	PRINTING AND PUBLISHING. . . . .	788.1	209.8	578.3	1 859.8	1 667.2	(NA)	(NA)	913.1	5 514.8	10 476.3	16 165.7	463.9
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	2 936.1	659.0	2 277.1	5 348.7	4 997.2	(NA)	(NA)	737.4	4 969.8	17 585.9	31 718.5	1 545.7
29	PETROLEUM AND COAL PRODUCTS. . . . .	999.3	560.3	438.9	2 029.6	1 860.9	(NA)	(NA)	152.5	1 133.8	3 713.9	17 995.4	413.7
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	677.2	139.6	537.6	1 670.0	1 600.9	(NA)	(NA)	414.9	2 364.0	4 654.0	9 116.2	343.4
31	LEATHER AND LEATHER PRODUCTS. . . . .	62.1	19.8	42.3	653.7	667.4	(NA)	(NA)	327.3	1 227.8	2 078.6	4 209.6	34.6
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	820.9	193.0	627.8	1 851.2	1 803.5	(NA)	(NA)	573.9	3 212.5	7 043.8	12 289.1	607.6
33	PRIMARY METAL INDUSTRIES. . . . .	3 134.1	689.9	2 444.3	8 001.4	7 470.5	(NA)	(NA)	1 126.4	7 734.1	15 068.0	35 428.4	1 446.3
34	FABRICATED METAL PRODUCTS. . . . .	1 118.4	284.2	834.2	5 654.4	5 429.9	(NA)	(NA)	1 131.1	6 834.4	12 691.1	24 883.3	610.2
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	1 868.1	506.5	1 361.5	10 917.0	10 139.1	(NA)	(NA)	1 459.6	9 570.9	17 495.4	31 082.9	783.1
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	1 537.2	449.3	1 087.9	8 526.6	7 916.3	(NA)	(NA)	1 511.6	9 284.3	17 010.5	29 840.2	701.9
37	TRANSPORTATION EQUIPMENT. . . . .	1 822.4	545.1	1 277.3	12 323.4	9 996.4	(NA)	(NA)	1 548.4	11 380.6	21 817.8	53 505.5	981.1
38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	392.2	145.2	247.0	1 978.1	1 835.1	(NA)	(NA)	305.4	1 912.5	3 992.2	6 117.9	191.1
39	MISC. MANUFACTURING INDUSTRIES. . . . .	213.5	73.4	140.0	1 447.2	1 359.7	(NA)	(NA)	390.7	1 812.1	3 562.5	6 495.7	131.0
19	ORDNANCE AND ACCESSORIES. . . . .	200.0	63.0	137.0	1 313.5	1 078.4	(NA)	(NA)	248.6	1 992.4	2 918.6	4 859.6	88.2
--	ADMINISTRATIVE AND AUXILIARY. . . . .	-	-	-	-	-	(X)	(X)	726.5	6 615.5	-	-	-
20	FOOD AND KINDRED PRODUCTS. . . . .	1 730.1	466.1	1 264.0	7 748.8	7 240.2	(NA)	(NA)	1 643.4	8 637.2	21 825.2	68 466.5	1 249.2
201	MEAT PRODUCTS. . . . .	197.0	73.7	123.4	742.9	697.9	(NA)	(NA)	299.6	1 640.8	2 882.6	16 806.6	136.0
2011	MEATPACKING PLANTS. . . . .	109.4	45.2	64.2	478.0	446.1	98	85	180.2	1 146.9	1 908.3	12 435.5	80.2
2013	SAUSAGES AND OTHER PREPARED MEATS. . . . .	30.4	7.9	22.5	129.3	130.4	96	46	48.6	289.4	563.4	2 130.3	21.4
2015	POULTRY DRESSING PLANTS. . . . .	57.2	20.6	36.7	135.6	121.4	99	98	70.1	204.4	410.9	2 240.9	34.3
202	DAIRY PRODUCTS. . . . .	194.4	51.4	143.0	490.0	463.1	(NA)	(NA)	256.9	1 394.2	3 184.8	11 199.9	196.0
2021	CREAMERY BUTTER. . . . .	9.5	2.0	7.4	31.8	34.9	71	75	12.0	52.9	132.7	988.8	9.9
2022	CHEESE, NATURAL AND PROCESSED. . . . .	17.3	5.2	12.1	135.0	142.4	93	98	18.0	78.7	179.7	1 170.8	15.9
2023	CONDENSED AND EVAPORATED MILK. . . . .	20.8	8.2	12.6	78.8	69.3	82	71	12.3	67.0	236.2	937.9	12.1
2024	ICE CREAM AND FROZEN DESSERTS. . . . .	26.6	5.7	20.9	66.9	64.4	97	73	29.6	162.8	433.0	1 076.5	31.9
2026	FLUID MILK. . . . .	120.3	30.2	90.0	181.4	152.1	90	96	185.0	1 032.9	2 203.2	7 025.9	126.1
203	CANNED, CURED, AND FROZEN FOODS. . . . .	252.9	69.6	183.2	2 162.0	1 968.9	(NA)	(NA)	244.9	959.7	2 778.8	7 300.3	176.3
2031	CANNED AND CURED SEAFOODS. . . . .	9.4	2.3	7.1	129.1	116.5	92	95	17.3	66.2	174.6	452.5	6.3
2032	CANNED SPECIALTIES. . . . .	28.1	7.2	20.9	248.3	224.6	82	91	25.2	127.2	540.8	1 169.3	25.6
2033	CANNED FRUITS AND VEGETABLES. . . . .	101.9	25.0	76.9	1 085.9	972.6	80	93	102.4	382.1	1 029.5	2 742.8	66.6
2034	DEHYDRATED FOOD PRODUCTS. . . . .	14.6	3.4	11.1	108.6	102.1	94	86	9.2	41.6	115.8	318.7	16.2
2035	PICKLES, SAUCES, AND SALAD DRESSINGS. . . . .	14.9	4.1	10.8	153.2	131.8	81	80	19.0	83.7	249.4	677.3	11.0
2036	FRESH OR FROZEN PACKAGED FISH. . . . .	8.7	2.8	5.8	75.2	69.7	97	94	20.1	56.5	118.5	391.2	6.1
2037	FROZEN FRUITS AND VEGETABLES. . . . .	75.2	24.7	50.5	361.7	351.6	92	90	51.7	202.4	550.2	1 548.7	44.6
204	GRAIN MILL PRODUCTS. . . . .	181.1	47.3	133.8	762.5	762.4	(NA)	(NA)	113.1	646.9	2 271.0	8 161.2	127.7
2041	FLOUR AND OTHER GRAIN MILL PRODUCTS. . . . .	26.3	6.3	20.0	192.4	212.0	93	78	22.4	137.7	373.1	2 176.5	23.5
2042	PREPARED FEEDS FOR ANIMALS AND FOWLS. . . . .	75.6	21.4	54.2	277.6	270.7	97	94	54.6	278.7	983.7	3 880.1	53.4
2043	CEREAL PREPARATIONS. . . . .	18.4	3.3	15.1	54.7	52.9	81	82	11.4	75.1	365.0	625.1	15.3
2044	RICE MILLING. . . . .	9.8	4.5	5.3	123.0	112.3	100	98	4.3	20.3	80.5	423.0	3.3
2045	BLENDED AND PREPARED FLOUR. . . . .	10.5	2.2	8.3	37.5	37.1	78	63	7.2	45.4	177.8	434.0	6.1
2046	WET CORN MILLING. . . . .	40.5	9.7	30.8	77.3	77.4	84	96	13.2	89.7	290.9	622.4	26.1
205	BAKERY PRODUCTS. . . . .	152.0	29.1	122.9	213.1	201.7	(NA)	(NA)	280.2	1 513.4	3 030.8	5 656.1	121.7
2051	BREAD, CAKE, AND RELATED PRODUCTS. . . . .	127.9	23.8	104.2	139.1	129.4	97	99	237.0	1 300.3	2 403.8	4 506.0	95.3
2052	COOKIES AND CRACKERS. . . . .	24.0	5.3	18.7	74.0	72.0	97	93	43.2	213.0	627.0	1 150.1	26.4
206	SUGAR. . . . .	81.1	12.1	69.0	391.4	359.5	(NA)	(NA)	32.0	189.2	590.8	2 214.0	73.6
2061	RAW CANE SUGAR. . . . .	21.4	4.9	16.5	33.6	27.1	100	100	8.3	38.8	135.7	378.7	19.3
2062	CANE SUGAR REFINING. . . . .	24.1	2.9	21.2	165.5	133.4	100	100	12.4	90.8	254.4	1 271.2	16.2
2063	BET SUGAR. . . . .	35.7	4.4	31.3	192.3	198.9	100	100	11.3	59.6	200.7	564.1	38.1
207	CONFECTIONERY AND RELATED PRODUCTS. . . . .	75.6	20.8	54.8	395.4	379.8	(NA)	(NA)	77.9	350.0	956.0	2 158.4	39.3
2071	CONFECTIONERY PRODUCTS. . . . .	53.0	14.2	38.8	229.7	218.1	97	94	63.6	269.7	635.4	1 454.5	28.1
2072	CHOCOLATE AND COCOA PRODUCTS. . . . .	9.3	2.7	6.6	102.1	102.3	96	75	8.7	49.3	144.8	479.1	8.4
2073	CHEWING GUM. . . . .	13.3	3.9	9.4	63.6	59.4	86	95	5.6	31.0	135.8	224.8	2.9
208	BEVERAGES. . . . .	370.2	105.2	265.0	1 507.9	1 388.6	(NA)	(NA)	204.5	1 225.5	3 724.8	6 898.0	225.1
2082	MALT LIQUORS. . . . .	140.4	45.2	95.1	166.5	158.8	100	100	62.6	470.8	1 286.0	2 315.1	86.2
2083	MALT. . . . .	7.1	2.8	4.2	87.9	86.4	97	100	1.9	15.1	44.0	183.5	3.0
2084	WINES, BRANDY, AND BRANDY SPIRITS. . . . .	10.3	3.5	6.8	16.2	138.2	97	94	6.1	35.1	137.3	368.3	7.3
2085	DISTILLED LIQUOR, EXCEPT BRANDY. . . . .	27.0	9.6	17.4	791.2	741.5	98	98	18.0	110.2	623.7	1 090.5	15.5
2086	BOTTLED AND CANNED SOFT DRINKS. . . . .	168.1	40.6	127.5	186.8	158.1	98	96	106.8	537.7	1 233.6	2 210.9	100.8
2087	FLAVORING EXTRACTS AND SIRUPS, NEC. . . . .	17.4	3.5	13.9	113.3	105.6	94	85	9.1	56.6	400.2	729.7	12.3
209	MISC. FOODS AND KINDRED PRODUCTS. . . . .	225.7	56.8	168.9	1 083.7	1 018.3	(NA)	(NA)	134.3	717.6	2 405.6	8 071.9	153.6
2091	COTTONSEED OIL MILLS. . . . .	4.9	1.0	3.9	99.4	103.1	85	85	8.4	38.2	100.8	555.2	12.5
2092	SOYBEAN OIL MILLS. . . . .	21.2	3.2	17.9	347.7	280.3	86	96	6.5	39.9	152.1	1 473.4	10.2
2093	VEGETABLE OIL MILLS, NEC. . . . .	1.9	0.4	1.5	51.0	46.0	80	74	2.0	11.5	42.7	234.2	1.6
2094</													

See footnotes at end of table.

**TABLE 3. General Statistics for Establishments by Industry Groups and Industries:  
1967 and 1963—Continued**

Code	Industry group and industry	1967									Value added by manufacture (million dollars)	Value of shipments (million dollars)
		Companies	Establishments		All employees		Production workers					
			Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages			
										(number)		
		(number)	(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	
21	TOBACCO MANUFACTURES . . . . .	209	329	195	75.1	376.9	66.1	125.5	303.6	2 032.0	<sup>2</sup> 4 903.6	
2111	CIGARETTES . . . . .	8	16	14	36.6	221.3	32.8	62.7	187.6	1 639.6	3 044.6	
2121	CIGARS . . . . .	126	148	63	19.0	71.2	17.2	31.7	58.8	195.8	363.7	
2131	CHEWING AND SMOKING TOBACCO . . . . .	41	46	22	3.6	18.1	2.7	4.9	11.5	63.5	122.2	
2141	TOBACCO STEMMING AND REORYING . . . . .	54	119	96	15.9	66.2	13.5	26.2	45.7	133.1	1 373.1	
22	TEXTILE MILL PRODUCTS . . . . .	5 773	7 080	4 453	929.0	4 390.9	828.2	1 689.7	3 556.5	8 153.2	<sup>2</sup> 19 815.2	
2211	WEAVING MILLS, COTTON . . . . .	218	393	331	202.8	938.4	189.3	398.0	831.5	1 624.0	3 327.7	
2221	WEAVING MILLS, SYNTHETICS . . . . .	<sup>3</sup> 272	<sup>3</sup> 396	312	108.6	528.8	98.3	209.3	445.6	921.6	2 289.6	
2231	WEAVING AND FINISHING MILLS, WOOL . . . . .	262	310	217	41.8	216.3	36.6	76.0	170.4	428.6	1 090.0	
2241	NARROW FABRIC MILLS . . . . .	345	384	220	26.2	121.1	23.3	46.7	96.3	214.4	445.1	
225	KNITTING MILLS . . . . .	2 483	2 698	1 619	240.6	1 035.8	213.0	405.9	809.2	1 914.1	<sup>2</sup> 4 519.3	
2251	WOMEN'S HOSIERY, EXCEPT SOCKS . . . . .	302	<sup>5</sup> 355	257	57.9	230.0	52.4	99.2	190.9	413.0	835.0	
2252	HOSIERY, NEC . . . . .	423	<sup>5</sup> 448	290	39.0	136.9	35.8	64.5	113.2	230.7	550.1	
2253	KNIT OUTERWEAR MILLS . . . . .	1 156	1 179	650	73.8	343.5	64.2	122.3	261.4	604.9	1 288.0	
2254	KNIT UNDERWEAR MILLS . . . . .	99	113	97	30.7	115.2	27.2	49.3	87.7	201.4	445.3	
2256	KNIT FABRIC MILLS . . . . .	489	541	294	36.3	197.5	30.7	65.5	145.6	441.8	1 362.2	
2259	KNITTING MILLS, NEC . . . . .	61	<sup>6</sup> 62	31	3.0	12.7	2.7	5.1	10.4	22.4	38.8	
226	TEXTILE FINISHING, EXCEPT WOOL . . . . .	590	641	408	73.7	416.3	61.9	133.6	316.7	710.0	<sup>2</sup> 1 735.0	
2261	FINISHING PLANTS, COTTON . . . . .	202	216	136	35.7	193.0	30.0	64.3	148.6	313.8	893.9	
2262	FINISHING PLANTS, SYNTHETICS . . . . .	212	233	167	25.7	159.4	21.4	47.8	119.9	271.4	550.2	
2269	FINISHING PLANTS, NEC . . . . .	187	192	105	12.3	63.9	10.5	21.5	48.2	124.8	290.9	
227	FLOOR COVERING MILLS . . . . .	333	385	209	43.6	227.8	36.0	77.0	165.4	599.4	<sup>2</sup> 1 757.4	
2271	WOVEN CARPETS AND RUGS . . . . .	55	61	24	8.7	47.2	7.3	15.3	35.8	104.7	240.2	
2272	TUFTED CARPETS AND RUGS . . . . .	210	244	153	31.8	165.7	26.1	56.5	118.4	449.4	1 426.9	
2279	CARPETS AND RUGS, NEC . . . . .	78	80	32	3.1	14.9	2.6	5.2	11.2	45.3	90.3	
228	YARN AND THREAO MILLS . . . . .	572	768	604	119.2	504.9	110.0	221.8	431.0	946.1	<sup>2</sup> 2 608.6	
2281	YARN MILLS, EXCEPT WOOL . . . . .	256	377	328	74.5	310.5	70.2	142.1	275.2	556.2	1 422.5	
2282	THROWING AND WINDING MILLS . . . . .	159	181	130	18.5	78.6	16.9	34.6	64.9	173.2	568.0	
2283	WOOL YARN MILLS . . . . .	127	135	107	14.7	66.0	12.9	25.8	52.1	117.9	361.5	
2284	THREAD MILLS . . . . .	63	75	39	11.4	49.8	10.0	19.2	38.7	98.9	256.6	
229	MISCELLANEOUS TEXTILE GOODS . . . . .	984	1 105	533	72.4	401.4	59.7	121.5	290.4	795.0	<sup>2</sup> 2 042.4	
2291	FELT GOODS, NEC . . . . .	33	40	28	4.5	26.3	3.6	7.7	19.1	63.6	133.6	
2292	LACE GOODS . . . . .	134	142	48	5.0	23.7	4.4	8.4	19.5	36.6	65.7	
2293	PAIDINGS AND UPHOLSTERY FILLING . . . . .	133	<sup>5</sup> 151	71	6.5	36.0	5.3	10.7	26.1	78.0	168.1	
2294	PROCESSED TEXTILE WASTE . . . . .	132	141	60	4.5	20.7	3.9	8.0	15.4	34.5	91.5	
2295	COATED FABRICS, NOT RUBBERIZED . . . . .	157	178	115	17.5	121.3	12.7	26.9	78.1	255.2	616.2	
2296	TIRE CORO AND FABRIC . . . . .	12	20	19	10.1	48.7	9.2	18.4	41.7	91.5	444.1	
2297	SCOURING AND COMBING PLANTS . . . . .	65	68	39	5.0	25.9	4.4	8.9	20.6	35.7	93.9	
2298	CORDAGE AND TWINE . . . . .	147	169	83	10.2	48.5	8.7	17.2	36.3	95.4	188.8	
2299	TEXTILE GOODS, NEC . . . . .	189	196	70	9.2	50.4	7.6	15.3	33.8	104.3	240.5	
23	APPAREL, OTHER TEXTILE PRODUCTS . . . . .	24 500	26 393	12 705	1 356.7	5 582.2	1 200.4	2 178.6	4 340.6	10 064.4	<sup>2</sup> 21 326.9	
2311	MEN'S AND BOYS' SUITS AND CDATS . . . . .	904	1 003	649	135.9	641.7	119.9	221.3	509.1	1 047.5	1 912.1	
232	MEN'S AND BOYS' FURNISHINGS . . . . .	2 224	2 853	1 969	344.5	1 212.4	313.9	572.6	999.5	2 181.2	<sup>2</sup> 4 738.1	
2321	MEN'S AND BOYS' SHIRTS AND NIGHTWEAR . . . . .	570	768	569	114.4	388.4	104.0	188.9	322.7	703.9	1 448.2	
2322	MEN'S AND BOYS' UNDERWEAR . . . . .	71	87	68	13.4	44.8	12.5	23.1	38.6	82.0	180.2	
2323	MEN'S AND BOYS' NECKWEAR . . . . .	296	297	113	7.8	37.3	6.6	11.3	23.5	69.4	144.7	
2327	MEN'S AND BOYS' SEPARATE TROUSERS . . . . .	579	690	458	88.1	316.7	80.8	151.5	264.5	542.5	1 132.4	
2328	MEN'S AND BOYS' WORK CLOTHING . . . . .	277	462	394	78.2	254.7	72.0	129.5	216.9	465.4	1 155.0	
2329	MEN'S AND BOYS' CLOTHING, NEC . . . . .	517	549	367	42.6	170.6	38.1	68.2	133.4	318.1	677.7	
233	WOMEN'S AND MISSES' OUTERWEAR . . . . .	8 978	9 416	5 615	409.2	1 755.8	357.6	634.5	1 335.6	3 182.5	<sup>2</sup> 6 534.1	
2331	WOMEN'S AND MISSES' BLOUSES, WAISTS . . . . .	921	<sup>5</sup> 990	626	56.1	209.0	50.5	90.4	166.9	384.2	727.0	
2335	WOMEN'S AND MISSES' DRESSES . . . . .	5 008	<sup>5</sup> 5 225	3 098	209.6	889.4	183.7	322.8	687.1	1 588.5	3 086.3	
2337	WOMEN'S AND MISSES' SUITS AND CDATS . . . . .	2 058	<sup>5</sup> 2 101	1 235	83.8	423.3	71.6	127.4	308.7	786.7	1 776.4	
2339	WOMEN'S AND MISSES' DUTERWEAR, NEC . . . . .	1 048	<sup>5</sup> 1 100	656	59.7	234.1	51.7	93.9	172.9	423.2	944.3	
234	WOMEN'S, CHILDREN'S UNDERGARMENTS . . . . .	1 025	1 213	808	113.5	443.8	99.3	177.7	330.5	867.3	<sup>2</sup> 1 780.1	
2341	WOMEN'S AND CHILDREN'S UNDERWEAR . . . . .	778	890	567	75.5	282.3	67.2	120.0	221.3	515.9	1 116.8	
2342	CORSETS AND ALLIED GARMENTS . . . . .	254	323	241	38.0	161.5	32.1	57.7	109.1	351.4	663.3	
235	HATS, CAPS, AND MILLINERY . . . . .	817	<sup>5</sup> 843	290	23.7	101.7	20.9	37.1	77.7	164.2	<sup>2</sup> 306.9	
2351	MILLINERY . . . . .	477	<sup>5</sup> 477	133	8.2	36.9	7.2	12.3	29.1	63.5	112.4	
2352	HATS AND CAPS, EXCEPT MILLINERY . . . . .	340	<sup>5</sup> 366	157	15.5	64.8	13.7	24.8	48.6	100.7	194.5	
236	CHILDREN'S DUTERWEAR . . . . .	1 237	1 334	849	78.3	298.2	69.6	125.8	232.8	537.9	<sup>2</sup> 1 127.5	
2361	CHILDREN'S DRESSES AND BLOUSES . . . . .	575	623	428	35.3	134.6	31.2	54.6	103.2	242.4	496.0	
2363	CHILDREN'S COATS AND SUITS . . . . .	216	231	135	10.9	45.9	9.6	17.7	34.3	78.2	175.3	
2369	CHILDREN'S OUTERWEAR, NEC . . . . .	456	480	286	32.0	117.7	28.8	53.6	95.3	217.3	456.2	
2371	FUR GOODS . . . . .	1 304	<sup>5</sup> 1 304	88	8.5	59.4	7.3	13.2	47.4	117.2	333.2	
238	MISC. APPAREL AND ACCESSORIES . . . . .	1 323	1 397	742	70.7	284.5	62.2	112.4	213.7	510.1	<sup>2</sup> 1 097.1	
2381	FABRIC DRESS AND WDRK GLOVES . . . . .	140	<sup>5</sup> 172	110	14.0	48.7	13.0	24.5	41.8	86.5	176.6	
2384	ROBES AND DRESSING GDWNS . . . . .	237	<sup>5</sup> 241	139	11.3	42.9	10.1	17.6	33.1	81.9	200.2	
2385	WATERPROOF DUTER GARMENTS . . . . .	299	319	212	23.3	95.3	20.2	36.9	70.9	174.4	371.9	
2386	LEATHER AND SHEEP LINED CLOTHING . . . . .	135	139	71	5.1	23.9	4.6	8.3	18.7	43.4	98.8	
2387	APPAREL BELTS . . . . .	274	277	108	8.5	38.6	7.2	12.7	24.6	68.0	130.2	
2389	APPAREL AND ACCESSORIES, NEC . . . . .	243	249	102	8.4	35.1	7.1	12.4	24.5	55.8	119.5	
239	MISC. FABRICATED TEXTILE PRODUCTS . . . . .	6 857	7 030	1 695	172.7	784.7	149.6	284.0	594.4	1 456.5	<sup>2</sup> 3 497.5	
2391	CURTAINS AND DRAPERIES . . . . .	1 393	1 430	273	25.7	100.5	22.7	42.6	78.1	178.2	418.7	
2392	HOUSEFURNISHINGS, NEC . . . . .	1 189	1 228	421	46.3	196.3	39.3	76.4	144.5	353.7	962.8	
2393	TEXTILE BAGS . . . . .	177	198	97	9.1	38.0	8.1	15.5	28.7	88.5	291.1	
2394	CANVAS PRODUCTS . . . . .	846	860	147	15.2	68.5	12.9	24.0	48.7	126.9	273.6	
2395	PLEATING AND STITCHING . . . . .	1 104	1 107	207	13.5	54.3	12.5	22.2	45.8	90.2	139.3	
2396	AUTOMOTIVE AND APPAREL TRIMMINGS . . . . .	762	<sup>5</sup> 780	244	30.6	181.9	25.9	48.5	136.8	334.8	777.4	
2397	SCHIFFLI MACHINE EMBROIDERIES . . . . .	605	<sup>5</sup> 608	61	5.4	30.5	5.0	10.4	25.1	59.5	99.6	
2399	FABRICATED TEXTILE PRODUCTS, NEC . . . . .	799	819	245	26.8	114.6	23.3	44.4	86.7	224.6	535.1	

See footnotes at end of table.



TABLE 3. General Statistics for Establishments by Industry Groups and Industries:  
1967 and 1963—Continued

Code	Industry group and industry	1967—Continued								1963			
		Capital expenditures, new <sup>1</sup>			Inventories end of—		Special- ization ratio	Cover- age ratio	All employees		Value added by manufacture	Value of shipments	Capital expendi- tures, new
		Total	Structures and additions to plant	Machinery and equipment	1967	1966			Number	Payroll			
		(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(per- cent)	(per- cent)	(1,000)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
21	TOBACCO MANUFACTURES . . . . .	52.9	11.1	41.9	2 377.9	2 303.7	(NA)	(NA)	77.4	330.5	1 680.6	4 519.9	53.8
2111	CIGARETTES . . . . .	33.8	4.2	29.6	1 423.6	1 360.6	97	100	35.6	183.0	1 310.0	2 655.3	29.7
2121	CIGARS . . . . .	5.4	1.3	4.1	54.4	65.1	100	98	20.7	68.1	193.0	358.5	4.2
2131	CHEWING AND SMOKING TOBACCO . . . . .	1.5	.1	1.4	36.8	37.4	96	58	4.1	18.2	74.0	139.5	.9
2141	TOBACCO STEMMING AND REORYING . . . . .	12.2	5.5	6.8	863.0	840.6	100	99	17.0	61.0	103.3	1 366.6	19.0
22	TEXTILE MILL PRODUCTS . . . . .	733.1	166.2	566.9	3 093.2	2 967.3	(NA)	(NA)	863.3	3 385.0	6 122.9	15 740.5	382.4
2211	WEAVING MILLS, COTTON . . . . .	171.5	35.7	135.8	646.5	566.7	87	79	209.0	771.6	1 256.8	3 104.1	113.4
2221	WEAVING MILLS, SYNTHETICS . . . . .	111.1	27.8	83.2	385.7	373.5	85	74	88.2	366.0	661.5	1 722.4	35.8
2231	WEAVING AND FINISHING MILLS, WOOL . . . . .	28.0	5.7	22.2	177.2	186.5	82	96	47.4	202.9	386.6	1 010.7	15.5
2241	NARROW FABRIC MILLS . . . . .	15.7	3.5	12.2	70.0	70.6	94	96	23.2	91.9	172.5	349.1	6.9
225	KNITTING MILLS . . . . .	119.4	25.1	94.2	682.4	662.6	(NA)	(NA)	220.4	787.5	1 396.0	3 326.1	63.2
2251	WOMEN'S HOSIERY, EXCEPT SOCKS . . . . .	27.5	6.4	21.1	141.2	131.9	97	95	51.5	170.9	296.3	606.6	16.2
2252	HOSIERY, NEC . . . . .	9.4	2.1	7.3	92.2	89.3	90	95	43.3	124.1	192.2	451.1	6.2
2253	KNIT OUTERWEAR MILLS . . . . .	28.5	7.1	21.4	176.6	180.1	93	65	68.6	266.6	463.6	1 045.5	17.3
2254	KNIT UNDERWEAR MILLS . . . . .	7.2	1.6	5.6	101.0	96.6	85	35	28.4	95.9	170.7	364.8	4.8
2256	KNIT FABRIC MILLS . . . . .	45.5	7.9	37.6	166.5	159.9	97	92	25.0	117.5	252.9	817.4	18.4
2259	KNITTING MILLS, NEC . . . . .	1.3	(2)	1.3	4.8	4.8	96	19	3.6	12.5	20.3	40.7	.3
226	TEXTILE FINISHING, EXCEPT WOOL . . . . .	55.9	10.6	45.3	192.2	185.4	(NA)	(NA)	70.8	336.9	582.3	1 400.4	47.8
2261	FINISHING PLANTS, COTTON . . . . .	27.4	4.9	22.6	117.0	117.3	75	58	42.1	190.5	332.0	869.7	29.3
2262	FINISHING PLANTS, SYNTHETICS . . . . .	20.2	4.1	16.2	50.0	44.8	90	45	19.5	106.0	176.8	323.7	13.9
2269	FINISHING PLANTS, NEC . . . . .	8.2	1.6	6.6	25.2	23.2	84	52	9.2	40.4	73.2	206.9	4.7
227	FLOOR COVERING MILLS . . . . .	45.5	18.6	26.9	302.4	296.4	(NA)	(NA)	35.7	152.4	394.9	1 143.9	16.1
2271	WOVEN CARPETS AND RUGS . . . . .	6.3	2.0	4.2	59.6	63.9	84	84	13.4	63.0	120.0	312.5	4.2
2272	TUFTED CARPETS AND RUGS . . . . .	33.6	13.9	19.8	224.2	216.4	96	99	19.9	80.5	259.3	801.8	11.5
2279	CARPETS AND RUGS, NEC . . . . .	5.6	2.7	2.9	18.6	16.1	83	69	2.4	8.9	15.6	29.6	.5
228	YARN AND THREAD MILLS . . . . .	127.9	28.3	99.6	326.0	320.1	(NA)	(NA)	102.7	359.1	652.3	2 002.6	51.5
2281	YARN MILLS, EXCEPT WOOL . . . . .	89.4	19.4	70.0	175.4	161.2	95	84	61.6	208.1	363.2	1 067.0	34.7
2282	THROWING AND WINDING MILLS . . . . .	18.0	5.8	12.2	48.0	50.2	97	91	13.6	47.1	93.6	319.3	6.2
2283	WOOL YARN MILLS . . . . .	8.9	1.0	7.9	56.9	64.3	79	80	17.4	66.5	119.7	422.2	7.3
2284	THREAD MILLS . . . . .	11.6	2.2	9.4	45.7	44.5	90	90	10.1	37.4	75.8	194.1	3.3
229	MISCELLANEOUS TEXTILE GOODS . . . . .	58.1	10.8	47.4	310.9	305.6	(NA)	(NA)	65.9	316.8	620.0	1 681.5	32.2
2291	FELT GOODS, NEC . . . . .	3.2	.4	2.7	17.0	18.2	76	72	5.0	27.0	58.6	134.0	1.8
2292	LACE GOODS . . . . .	2.0	.4	1.6	11.5	12.4	99	94	4.9	19.7	31.5	53.0	.5
2293	PADDINGS AND UPHOLSTERY FILLING . . . . .	3.4	.5	2.9	17.4	18.4	86	82	6.9	33.7	65.6	156.5	1.9
2294	PROCESSED TEXTILE WASTE . . . . .	1.6	.4	1.1	14.4	16.0	96	92	4.2	17.8	31.0	87.5	1.2
2295	COATED FABRICS, NOT RUBBERIZED . . . . .	17.0	4.9	12.1	109.0	97.9	87	89	13.7	89.2	179.3	435.7	12.4
2296	TIRE CORO AND FABRIC . . . . .	15.2	1.7	13.5	49.2	50.0	84	90	9.2	35.1	72.3	375.7	3.0
2297	SCOURING AND COMBING PLANTS . . . . .	3.2	.2	3.1	16.5	19.3	85	57	5.8	24.7	45.4	119.9	3.3
2298	CORDAGE AND TWINE . . . . .	4.4	.8	3.6	42.1	40.8	86	85	8.9	34.5	57.6	149.3	2.7
2299	TEXTILE GOODS, NEC . . . . .	8.2	1.5	6.7	33.8	32.6	82	77	7.3	34.9	78.7	169.8	5.3
23	APPAREL, OTHER TEXTILE PRODUCTS . . . . .	208.3	57.9	150.5	2 753.0	2 672.5	(NA)	(NA)	1 279.3	4 423.0	7 860.9	17 096.9	128.6
2311	MEN'S AND BOYS' SUITS AND COATS . . . . .	15.7	5.0	10.7	330.9	339.6	94	97	122.7	494.2	831.9	1 526.0	6.9
232	MEN'S AND BOYS' FURNISHINGS . . . . .	53.5	16.3	37.1	777.3	732.9	(NA)	(NA)	305.6	899.5	1 617.7	3 597.8	25.2
2321	MEN'S AND BOYS' SHIRTS AND NIGHTWEAR . . . . .	14.6	3.1	11.6	229.8	218.2	90	82	112.9	316.3	599.4	1 295.1	8.8
2322	MEN'S AND BOYS' UNDERWEAR . . . . .	5.9	1.7	4.3	27.5	21.7	94	37	12.1	32.6	63.2	134.9	1.1
2323	MEN'S AND BOYS' NECKWEAR . . . . .	.8	.2	.5	16.0	15.7	98	96	8.4	30.9	58.1	121.3	.5
2327	MEN'S AND BOYS' SEPARATE TROUSERS . . . . .	16.3	6.3	10.0	178.4	174.9	89	82	73.8	224.4	383.1	824.2	6.2
2328	MEN'S AND BOYS' WORK CLOTHING . . . . .	10.7	3.6	7.1	214.2	193.7	84	90	62.5	179.6	330.7	824.7	5.8
2329	MEN'S AND BOYS' CLOTHING, NEC . . . . .	5.1	1.5	3.7	111.4	108.7	80	61	35.9	115.7	183.2	397.6	2.8
233	WOMEN'S AND MISSES' OUTERWEAR . . . . .	42.3	10.4	31.9	606.3	585.7	(NA)	(NA)	405.4	1 425.9	2 459.8	5 329.9	36.5
2331	WOMEN'S AND MISSES' BLOUSES, WAISTS . . . . .	6.2	1.9	4.3	85.0	72.3	84	75	57.6	177.9	300.5	610.2	4.4
2335	WOMEN'S AND MISSES' DRESSES . . . . .	18.6	3.8	14.8	223.9	205.4	97	95	200.0	686.8	1 180.9	2 411.0	12.7
2337	WOMEN'S AND MISSES' SUITS AND COATS . . . . .	9.5	2.9	6.6	153.0	165.0	86	90	88.3	361.0	637.9	1 522.7	12.3
2339	WOMEN'S AND MISSES' OUTERWEAR, NEC . . . . .	8.1	1.9	6.2	144.3	143.0	77	59	59.5	200.2	340.5	786.0	7.0
234	WOMEN'S, CHILDREN'S UNDERGARMENTS . . . . .	17.8	5.4	12.4	285.5	288.3	(NA)	(NA)	113.8	378.7	740.9	1 570.0	9.9
2341	WOMEN'S AND CHILDREN'S UNDERWEAR . . . . .	11.0	3.4	7.6	169.2	165.0	94	86	76.7	238.8	430.8	976.1	6.4
2342	CORSETS AND ALLIED GARMENTS . . . . .	6.7	2.0	4.7	116.2	123.3	95	97	37.1	139.9	310.1	593.9	3.5
235	HATS, CAPS, AND MILLINERY . . . . .	2.3	.3	2.0	34.7	36.3	(NA)	(NA)	30.8	116.1	184.8	334.3	3.0
2351	MILLINERY . . . . .	.5	.1	.4	6.4	6.7	99	98	14.2	55.6	93.2	163.2	.7
2352	HATS AND CAPS, EXCEPT MILLINERY . . . . .	1.8	.2	1.6	28.3	29.6	99	99	16.6	60.5	91.6	171.1	2.3
236	CHILDREN'S OUTERWEAR . . . . .	9.1	2.2	6.9	131.5	129.1	(NA)	(NA)	81.8	265.1	466.6	1 025.8	6.9
2361	CHILDREN'S DRESSES AND BLOUSES . . . . .	3.4	.5	3.0	47.2	48.2	92	82	35.8	115.1	205.6	443.3	3.0
2363	CHILDREN'S COATS AND SUITS . . . . .	1.4	.3	1.1	15.8	17.3	93	84	11.8	43.0	72.7	162.9	1.1
2369	CHILDREN'S OUTERWEAR, NEC . . . . .	4.3	1.5	2.8	68.5	63.6	80	68	34.2	107.0	188.3	419.6	2.8
2371	FUR GOODS . . . . .	1.1	.1	1.0	33.3	33.7	99	100	9.3	56.0	110.6	334.4	1.2
238	MISC. APPAREL AND ACCESSORIES . . . . .	10.5	2.2	8.3	138.6	131.3	(NA)	(NA)	61.5	208.9	377.2	821.7	5.6
2381	FABRIC DRESS AND WORK GLOVES . . . . .	1.8	.6	1.2	25.8	20.1	91	87	12.8	36.7	68.4	149.5	1.1
2384	ROBES AND DRESSING GOWNS . . . . .	1.5	.2	1.3	18.4	18.0	96	95	11.8	37.4	68.7	173.5	.8
2385	WATERPROOF OUTER GARMENTS . . . . .	2.9	.5	2.4	48.7	46.7	95	93	16.4	60.8	111.3	235.5	2.2
2386	LEATHER AND SHEEP LINED CLOTHING . . . . .	.5	.1	.5	8.8	.1	97	86	3.4	12.8	23.4	56.4	.3
2387	APPAREL BELTS . . . . .	.9	.1	.8	15.6	16.0	89	98	9.8	35.6	62.2	108.6	.7
2389	APPAREL AND ACCESSORIES, NEC . . . . .	2.9	.7	2.3	21.2	21.4	96	85	7.2	25.6	43.2	98.2	.5
239	MISC. FABRICATED TEXTILE PRODUCTS . . . . .	56.1	15.8	40.3	414.9	395.6	(NA)	(NA)	148.4	578.6	1 071.4	2 557.0	33.4
2391	CURTAINS AND DRAPERIES . . . . .	3.9	1.5	2.4	44.4	42.2	97	95	22.0	75.1	132.0	313.0	2.9
2392	HOUSEFURNISHINGS, NEC . . . . .	11.9	2.4	9.5	132.5	131.3	88	52	39.7	142.8	285.8	716.7	8.4
2393	TEXTILE BAGS . . . . .	1.9	.7	1.2	32.9	30.1	94	89	7.2	28.3	56.5	200.4	1.9
2394	CANVAS PRODUCTS . . . . .	3.4	1.4	2.1	43.3	38.5	94	95	11.2	44.5	73.5	166.4	2.1
2395	PLEATING AND STITCHING . . . . .	1.5	.3	1.2	7.5	7.2	97	95	16.4	55.2	95.2	152.2	2.8
2396	AUTOMOTIVE AND APPAREL TRIMMINGS . . . . .	13.4	3.3	10.1	81.2	73.6	98	93	24.5	122.6	227.8	570.6	8.3
2397	SCHIFFEL MACHINE EMBROIDERIES . . . . .	.5	(2)	.4	5.6	5.2	98	99	6.1	30.5	55.4	97.4	2.4
2399	FABRICATED TEXTILE PRODUCTS, NEC . . . . .	19.6	6.2	13.4	67.5	67.5	89	83	21.3	79.3	145.2	342.3	4.5

See footnotes at end of table.

**TABLE 3. General Statistics for Establishments by Industry Groups and Industries:  
1967 and 1963—Continued**

Code	Industry group and industry	1967									
		Companies	Establishments		All employees		Production workers			Value added by manufacture	Value of shipments
			Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages		
		(number)	(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)
24	LUMBER AND WOOD PRODUCTS . . . . .	35 573	36 795	5 803	554.0	2 798.9	495.7	977.0	2 290.6	4 973.4	<sup>2</sup> 1 205.7
2411	LOGGING CAMPS, LOGGING CONTRACTORS . . . . .	16 265	16 334	598	70.6	338.8	67.5	125.9	306.8	695.1	1 476.3
242	SAWMILLS AND PLANING MILLS . . . . .	11 058	11 461	2 355	215.5	1 028.3	196.5	385.0	874.5	1 783.9	<sup>3</sup> 997.8
2421	SAWMILLS AND PLANING MILLS, GENERAL . . . . .	10 016	10 271	1 916	180.5	884.6	164.7	322.7	754.8	1 556.4	3 506.4
2426	HARDWOOD DIMENSION AND FLOORING . . . . .	613	665	331	27.9	115.1	25.2	51.5	94.4	176.8	373.5
2429	SPECIAL PRODUCT SAWMILLS, NEC. . . . .	454	525	108	7.1	28.5	6.7	10.9	25.4	50.7	117.9
243	MILLWORK, PLYWOOD, RELATED PROD. . . . .	4 308	4 558	1 496	154.0	896.3	132.0	268.8	697.3	1 505.4	<sup>3</sup> 653.2
2431	MILLWORK . . . . .	3 292	3 342	767	64.8	373.0	53.9	106.6	274.1	636.4	1 472.4
2432	VENEER AND PLYWOOD . . . . .	516	667	515	72.9	420.6	66.2	138.4	361.9	678.1	1 687.2
2433	PREFABRICATED WOOD STRUCTURES . . . . .	519	549	214	16.3	102.6	11.9	23.8	61.2	190.9	493.7
244	WOODEN CONTAINERS . . . . .	829	905	304	31.3	134.5	28.3	55.6	109.5	238.6	<sup>2</sup> 529.5
2441	NAILED WOODEN BOXES AND SHOOK . . . . .	567	596	182	15.9	70.9	14.4	27.8	56.9	123.0	273.8
2442	WIREBOUND BOXES AND CRATES . . . . .	118	134	63	9.4	36.5	8.5	17.2	29.8	71.1	144.9
2443	VENEER AND PLYWOOD CONTAINERS . . . . .	81	84	39	3.3	11.6	3.0	5.9	9.8	18.4	32.0
2445	COOPERAGE . . . . .	67	91	20	2.7	15.5	2.4	4.7	13.0	26.1	78.8
249	MISCELLANEOUS WOOD PRODUCTS . . . . .	3 319	3 537	1 050	82.6	401.2	71.3	141.6	302.5	750.3	<sup>1</sup> 548.8
2491	WOOD PRESERVING . . . . .	278	375	177	12.2	61.9	10.3	21.7	47.1	135.6	344.2
2499	WOOD PRODUCTS, NEC . . . . .	3 044	3 162	873	70.4	339.3	61.0	119.9	255.4	614.8	1 204.6
25	FURNITURE AND FIXTURES . . . . .	9 518	10 008	3 449	425.3	2 258.3	357.5	715.7	1 653.7	4 169.5	<sup>2</sup> 749.8
251	HOUSEHOLD FURNITURE . . . . .	5 948	6 306	2 366	297.8	1 456.1	257.3	513.1	1 101.0	2 649.5	<sup>2</sup> 511.0
2511	WOOD HOUSEHOLD FURNITURE . . . . .	2 934	3 084	1 011	157.4	738.1	139.7	283.9	582.8	1 322.0	2 438.9
2512	UPHOLSTERED HOUSEHOLD FURNITURE . . . . .	1 582	1 644	727	75.2	376.2	64.8	125.9	287.0	670.3	1 266.4
2514	METAL HOUSEHOLD FURNITURE . . . . .	464	486	251	31.0	155.5	25.8	50.3	109.6	291.3	605.3
2515	MATTRESSES AND BEDSPRINGS . . . . .	939	1 013	341	31.2	171.5	24.4	47.8	110.7	335.5	745.1
2519	HOUSEHOLD FURNITURE, NEC . . . . .	75	79	36	3.0	14.8	2.6	5.2	10.9	30.4	55.3
252	OFFICE FURNITURE . . . . .	334	365	189	35.2	225.0	28.0	57.2	160.9	478.1	<sup>2</sup> 781.2
2521	WOOD OFFICE FURNITURE . . . . .	172	178	69	8.2	46.4	6.9	14.3	35.6	88.8	158.3
2522	METAL OFFICE FURNITURE . . . . .	166	187	120	27.0	178.5	21.1	42.9	125.3	389.3	622.9
2531	PUBLIC BUILDING FURNITURE . . . . .	428	438	188	22.6	132.2	17.5	36.3	89.2	233.6	421.2
254	PARTITIONS AND FIXTURES . . . . .	1 947	1 970	526	48.0	323.6	37.6	76.0	220.1	587.0	<sup>2</sup> 010.7
2541	WOOD PARTITIONS AND FIXTURES . . . . .	1 463	1 470	338	25.3	170.7	20.7	40.9	124.1	284.6	498.6
2542	METAL PARTITIONS AND FIXTURES . . . . .	491	500	188	22.7	152.9	17.0	35.1	96.0	302.5	512.0
259	MISC. FURNITURE AND FIXTURES . . . . .	898	929	180	21.6	121.4	17.0	33.0	82.5	221.2	<sup>2</sup> 425.7
2591	VENETIAN BLINDS AND SHADES . . . . .	581	605	61	11.6	62.1	8.6	15.9	37.7	122.3	246.8
2599	FURNITURE AND FIXTURES, NEC . . . . .	317	324	119	10.1	59.4	8.4	17.2	44.8	98.9	179.0
26	PAPER AND ALLIED PRODUCTS . . . . .	3 913	5 890	3 813	638.9	4 436.2	507.7	1 071.2	3 205.5	9 756.3	<sup>2</sup> 969.9
2611	PULPMILLS . . . . .	45	61	43	15.1	125.6	12.2	25.4	96.0	333.7	730.5
2621	PAPERMILLS, EXCEPT BUILDING PAPER . . . . .	203	354	313	140.0	1 120.7	112.3	249.2	849.2	2 356.3	4 844.0
2631	PAPERBOARD MILLS . . . . .	148	283	264	67.0	533.5	53.8	118.2	405.9	1 508.8	2 907.0
264	MISC. CONVERTED PAPER PRODUCTS . . . . .	2 030	2 492	1 284	186.6	1 187.4	146.8	298.8	819.1	2 833.3	<sup>2</sup> 210.1
2641	PAPER COATING AND GLAZING . . . . .	334	397	202	37.1	260.8	27.0	56.4	165.6	728.0	1 566.5
2642	ENVELOPES . . . . .	172	228	163	22.5	141.9	18.1	37.6	98.0	253.1	470.3
2643	BAGS, EXCEPT TEXTILE BAGS . . . . .	466	557	310	46.3	278.3	37.1	75.6	197.4	563.7	1 375.6
2644	WALLPAPER . . . . .	74	77	31	2.3	14.6	1.8	3.6	9.9	27.0	48.6
2645	DIE-CUT PAPER AND BOARD . . . . .	368	440	189	18.6	117.3	14.7	29.4	79.9	247.3	577.5
2646	PRESSED AND MOLDED PULP GOODS . . . . .	43	58	45	6.7	44.8	5.4	11.4	33.0	97.8	145.9
2647	SANITARY PAPER PRODUCTS . . . . .	91	125	86	22.0	154.2	18.3	37.6	119.2	540.2	1 293.4
2649	CONVERTED PAPER PRODUCTS, NEC . . . . .	566	610	258	31.1	175.5	24.4	47.2	116.2	376.1	732.2
265	PAPERBOARD CONTAINERS AND BOXES . . . . .	1 681	2 606	1 835	218.6	1 386.5	172.6	358.2	967.9	2 540.5	<sup>2</sup> 937.3
2651	FOLDING PAPERBOARD BOXES <sup>1</sup> . . . . .	476	569	393	49.3	322.6	39.5	82.1	228.8	563.2	1 216.2
2652	SETUP PAPERBOARD BOXES . . . . .	418	454	295	21.1	100.4	18.3	35.4	73.3	160.2	282.4
2653	CORRUGATED AND SOLID FIBER BOXES . . . . .	568	1 071	803	97.1	656.0	73.0	152.5	435.0	1 130.0	2 959.6
2654	SANITARY FOOD CONTAINERS . . . . .	144	244	184	35.3	213.8	28.5	60.2	157.8	506.1	1 093.9
2655	FIBER CANS, DRUMS, RELATED MATERIAL . . . . .	165	268	160	15.7	93.7	13.3	27.9	72.9	181.1	385.2
2661	BUILDING PAPER AND BOARD MILLS . . . . .	43	94	74	11.7	82.5	10.0	21.5	67.4	183.7	341.1
27	PRINTING AND PUBLISHING . . . . .	36 431	37 989	8 035	1 031.0	7 151.5	631.6	1 196.1	4 011.3	14 355.1	<sup>2</sup> 738.4
2711	NEWSPAPERS . . . . .	7 589	8 094	2 029	335.9	2 223.7	169.2	302.0	1 121.5	4 184.7	5 757.1
2721	PERIODICALS . . . . .	2 430	2 510	454	79.1	633.7	14.5	25.2	80.5	1 868.7	3 095.9
273	BOOKS . . . . .	1 673	1 766	603	96.5	688.0	49.9	98.1	304.5	1 967.4	<sup>2</sup> 922.1
2731	BOOK PUBLISHING . . . . .	963	1 022	287	51.8	390.1	13.2	24.7	76.6	1 456.5	2 134.7
2732	BOOK PRINTING . . . . .	720	744	316	44.7	297.9	36.7	73.4	227.9	510.9	787.4
2741	MISCELLANEOUS PUBLISHING . . . . .	1 433	1 493	204	31.1	197.4	15.0	25.6	79.7	417.5	605.3
275	COMMERCIAL PRINTING . . . . .	19 162	19 497	3 216	330.6	2 357.9	261.8	511.1	1 689.3	3 944.4	<sup>2</sup> 532.8
2751	COMMERCIAL PRINTING, EXC. LITHO . . . . .	11 955	12 098	1 439	175.1	1 186.0	142.3	273.2	880.1	1 947.9	3 255.5
2752	COMMERCIAL PRINTING, LITHOGRAPHIC . . . . .	6 718	6 822	1 648	146.5	1 113.2	112.2	223.3	766.5	1 897.7	3 139.4
2753	ENGRAVING AND PLATE PRINTING . . . . .	569	577	129	9.0	58.7	7.3	14.6	42.7	98.8	137.9
2761	MANIFOLD BUSINESS FORMS . . . . .	454	542	295	34.4	240.2	25.3	51.4	158.9	550.5	932.3
2771	GREETING CARD PUBLISHING . . . . .	203	222	92	27.6	150.6	16.4	31.3	75.0	372.3	517.9
278	BLANKBOOKS AND BOOKBINDING . . . . .	1 409	1 462	527	53.5	294.2	46.6	88.7	225.6	506.0	721.9
2782	BLANKBOOKS AND LOOSELEAF BINDERS . . . . .	402	444	193	23.2	130.3	19.4	38.4	94.5	245.4	381.3
2789	BOOKBINDING AND RELATED WORK . . . . .	1 008	1 018	334	30.3	163.9	27.2	50.3	131.0	260.6	340.6
279	PRINTING TRADE SERVICES . . . . .	2 366	2 403	615	42.2	365.8	32.9	62.7	276.4	543.7	653.1
2791	TYPESETTING . . . . .	1 518	1 535	365	25.5	208.3	20.9	40.2	164.1	304.3	356.7
2793	PHOTOENGRAVING . . . . .	732	735	193	13.2	126.2	9.4	17.5	89.8	191.7	234.3
2794	ELECTROTYPE AND STEREOTYPING . . . . .	124	133	57	3.6	31.3	2.6	5.0	22.5	47.7	62.1

See footnotes at end of table.



TABLE 3. General Statistics for Establishments by Industry Groups and Industries:  
1967 and 1963—Continued

Code	Industry group and industry	1967—Continued							1963				
		Capital expenditures, new <sup>1</sup>			Inventories end of—		Special- ization ratio	Cover- age ratio	All employees		Value added by manufacture	Value of shipments	Capital expendi- tures, new
		Total	Structures and additions to plant	Machinery and equipment	1967	1966			Number	Payroll			
		(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(per- cent)	(per- cent)	(1,000)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
24	LUMBER AND WOOD PRODUCTS . . . . .	426.0	88.0	338.0	1 465.7	1 466.4	(NA)	(NA)	563.3	2 338.7	4 020.7	9 200.0	394.7
2411	LOGGING CAMPS; LOGGING CONTRACTORS . .	101.5	13.6	87.9	102.2	102.0	99	91	73.1	281.8	520.5	1 154.7	95.6
242	SAWMILLS AND PLANING MILLS . . . . .	144.9	29.2	115.7	603.3	609.3	(NA)	(NA)	242.7	935.7	1 572.6	3 597.6	181.5
2421	SAWMILLS AND PLANING MILLS, GENERAL .	130.0	25.1	104.9	516.5	521.0	92	95	207.4	811.6	1 376.1	3 156.3	172.5
2426	HARDWOOD DIMENSION AND FLOORING . . .	12.2	3.6	8.5	65.6	66.0	89	86	28.1	98.9	155.1	345.2	7.1
2429	SPECIAL PRODUCT SAWMILLS, NEC . . . . .	2.7	.5	2.2	21.2	22.3	98	95	7.2	25.2	41.4	96.0	2.0
243	MILLWORK; PLYWOOD; RELATED PRD. . .	105.8	30.2	75.6	465.8	469.3	(NA)	(NA)	147.3	726.6	1 239.8	3 013.6	70.6
2431	MILLWORK . . . . .	24.6	9.2	15.4	215.3	209.0	94	94	65.3	320.8	524.0	1 270.6	20.9
2432	VENEER AND PLYWOOD . . . . .	71.6	16.3	55.4	192.9	206.3	90	95	66.2	324.7	559.2	1 339.6	41.9
2433	PREFABRICATED WOOD STRUCTURES . . . . .	9.6	4.7	4.9	57.6	53.9	98	98	15.8	81.1	156.6	403.3	7.7
244	WOODEN CONTAINERS . . . . .	10.0	3.3	6.7	71.4	69.1	(NA)	(NA)	31.0	111.8	174.2	401.5	8.5
2441	NAILED WOODEN BOXES AND SHOOK . . . . .	5.0	1.9	3.1	31.4	27.0	88	87	14.5	55.9	85.0	206.0	6.0
2442	WIREBOUND BOXES AND CRATES . . . . .	2.7	.9	1.8	16.1	14.9	89	92	9.9	32.7	55.6	114.7	1.6
2443	VENEER AND PLYWOOD CONTAINERS . . . . .	.5	.2	.3	3.9	3.8	81	89	4.0	11.6	16.1	27.9	.3
2445	COPPERAGE . . . . .	1.7	.3	1.5	20.0	23.4	99	98	2.6	11.6	17.5	52.9	.6
249	MISCELLANEOUS WOOD PRODUCTS . . . . .	63.9	11.8	52.1	222.9	216.7	(NA)	(NA)	69.2	282.7	513.6	1 032.7	38.5
2491	WOOD PRESERVING . . . . .	10.7	1.4	9.3	77.0	71.3	98	98	11.2	45.3	93.3	247.3	5.5
2499	WOOD PRODUCTS, NEC . . . . .	53.2	10.4	42.9	146.0	145.3	93	91	58.0	237.4	420.3	785.4	32.9
25	FURNITURE AND FIXTURES . . . . .	198.0	85.2	112.9	1 129.8	1 080.4	(NA)	(NA)	376.4	1 726.7	3 068.3	5 884.1	110.2
251	HOUSEHOLD FURNITURE . . . . .	112.8	43.7	69.1	714.9	699.2	(NA)	(NA)	270.3	1 149.7	2 047.5	4 035.4	68.8
2511	WOOD HOUSEHOLD FURNITURE . . . . .	74.0	29.3	44.7	398.9	385.2	95	96	141.0	574.6	993.2	1 858.0	40.4
2512	UPHOLSTERED HOUSEHOLD FURNITURE . . . .	17.1	6.7	10.4	142.6	136.8	93	94	67.8	291.6	506.7	983.2	13.7
2514	METAL HOUSEHOLD FURNITURE . . . . .	10.1	2.7	7.4	83.6	87.0	90	90	29.3	128.8	247.0	524.3	6.8
2515	MATTRESSES AND BEDSPRINGS . . . . .	10.3	4.3	6.0	83.6	83.9	91	91	30.1	146.3	285.5	641.0	7.3
2519	HOUSEHOLD FURNITURE, NEC . . . . .	1.3	.7	.6	6.2	6.2	83	56	2.1	8.4	15.1	28.9	.6
252	OFFICE FURNITURE . . . . .	37.2	18.7	18.5	122.8	112.6	(NA)	(NA)	26.4	142.6	285.3	491.5	15.7
2521	WOOD OFFICE FURNITURE . . . . .	5.7	2.8	2.9	27.0	23.8	89	86	6.5	30.6	57.0	101.5	1.5
2522	METAL OFFICE FURNITURE . . . . .	31.5	15.9	15.6	95.8	88.8	89	88	19.9	112.1	228.3	390.0	14.2
2531	PUBLIC BUILDING FURNITURE . . . . .	10.0	4.4	5.6	86.4	77.4	84	86	16.9	83.4	141.8	268.6	4.4
254	PARTITIONS AND FIXTURES . . . . .	28.0	14.5	13.5	131.9	121.6	(NA)	(NA)	44.6	261.8	433.5	767.5	15.3
2541	WOOD PARTITIONS AND FIXTURES . . . . .	8.1	3.8	4.3	56.6	53.4	93	89	24.3	142.5	219.2	389.6	6.8
2542	METAL PARTITIONS AND FIXTURES . . . . .	19.9	10.7	9.2	75.3	68.2	90	84	20.3	119.3	214.3	377.8	8.5
259	MISC. FURNITURE AND FIXTURES . . . . .	10.1	3.9	6.2	73.8	69.6	(NA)	(NA)	18.2	89.2	160.2	321.1	6.0
2591	VENETIAN BLINDS AND SHADES . . . . .	6.5	2.9	3.7	49.8	48.3	89	94	10.7	49.6	94.3	199.6	4.3
2599	FURNITURE AND FIXTURES, NEC . . . . .	3.5	1.0	2.5	24.0	21.3	87	75	7.5	39.6	65.9	121.6	1.7
26	PAPER AND ALLIED PRODUCTS . . . . .	1 585.3	301.6	1 283.8	2 262.8	2 176.0	(NA)	(NA)	587.9	3 508.2	7 395.7	16 357.1	708.5
2611	PULPMILLS . . . . .	121.8	10.8	111.0	96.7	90.3	88	71	15.1	107.4	295.8	609.1	38.9
2621	PAPERMILLS, EXCEPT BUILDING PAPER . .	581.3	68.5	512.8	560.3	519.7	92	93	129.8	877.9	1 857.2	3 824.9	232.8
2631	PAPERBOARD MILLS . . . . .	398.6	89.0	309.5	191.9	182.9	84	91	63.4	429.0	1 186.2	2 316.0	159.5
264	MISC. CONVERTED PAPER PRODUCTS . . . .	225.8	61.6	164.2	713.3	683.3	(NA)	(NA)	166.6	917.3	1 962.4	4 686.4	128.5
2641	PAPER COATING AND GLAZING . . . . .	59.1	16.3	42.6	200.0	194.1	79	87	32.0	200.8	457.4	1 161.6	45.6
2642	ENVELOPES . . . . .	13.4	1.8	11.7	58.4	57.6	95	96	20.7	114.9	189.0	363.2	8.1
2643	BAGS, EXCEPT TEXTILE BAGS . . . . .	45.6	9.5	36.1	163.6	156.9	86	88	42.3	219.1	359.7	1 061.7	26.7
2644	WALLPAPER . . . . .	.5	.1	.4	11.5	10.9	95	99	2.2	11.9	20.9	36.5	.4
2645	DIE-CUT PAPER AND BOARD . . . . .	9.0	2.0	6.9	56.1	57.1	86	86	15.1	83.4	183.2	378.3	7.7
2646	PRESSED AND MOLDED PULP GOODS . . . .	17.6	4.5	13.1	16.2	15.2	95	95	5.7	32.9	70.0	110.1	11.6
2647	SANITARY PAPER PRODUCTS . . . . .	58.5	20.3	38.2	78.9	72.1	94	96	19.1	112.5	369.7	983.0	16.6
2649	CONVERTED PAPER PRODUCTS, NEC . . . . .	22.2	7.1	15.1	128.6	119.4	84	79	29.5	141.9	302.5	591.7	11.9
265	PAPERBOARD CONTAINERS AND BOXES . . .	237.5	65.9	171.6	669.0	666.5	(NA)	(NA)	201.1	1 106.9	1 941.0	4 639.3	140.7
2651	FOLDING PAPERBOARD BOXES . . . . .	42.2	10.2	32.0	172.7	167.7	84	90	51.3	288.8	476.9	1 081.1	36.0
2652	SETUP PAPERBOARD BOXES . . . . .	6.1	1.3	4.8	31.2	30.9	92	87	20.5	82.2	131.7	225.8	5.0
2653	CORRUGATED AND SOLID FIBER BOXES . . .	127.7	38.6	89.1	258.0	264.1	98	98	83.2	485.6	804.0	2 166.1	54.1
2654	SANITARY FOOD CONTAINERS . . . . .	48.1	12.9	35.2	170.3	165.5	92	86	32.9	182.7	402.2	905.9	37.9
2655	FIBER CANS, DRUMS, RELATED MATERIAL .	13.3	2.9	10.4	36.8	38.3	96	85	13.2	67.5	126.2	260.3	7.7
2661	BUILDING PAPER AND BOARD MILLS . . . .	20.3	5.7	14.5	31.6	33.3	92	96	11.9	69.6	153.1	281.6	8.1
27	PRINTING AND PUBLISHING . . . . .	788.1	209.8	578.3	1 859.8	1 667.2	(NA)	(NA)	913.1	5 514.8	10 476.3	16 165.7	463.9
2711	NEWSPAPERS . . . . .	246.7	74.4	172.4	162.5	137.3	97	100	306.4	1 784.6	3 201.9	4 483.6	135.2
2721	PERIODICALS . . . . .	58.0	24.8	33.2	164.9	157.1	89	97	67.7	461.1	1 349.0	2 295.7	33.8
273	BOOKS . . . . .	101.0	32.9	68.1	650.9	570.1	(NA)	(NA)	82.9	494.8	1 354.0	2 081.2	50.4
2731	BOOK PUBLISHING . . . . .	55.1	22.2	32.9	582.5	498.3	95	86	46.8	280.7	995.7	1 534.6	25.4
2732	BOOK PRINTING . . . . .	45.9	10.7	35.2	68.4	71.8	81	70	36.1	214.2	358.3	546.6	24.9
2741	MISCELLANEOUS PUBLISHING . . . . .	10.0	2.8	7.2	41.1	45.8	(NA)	(NA)	22.6	130.4	252.9	389.6	7.1
275	COMMERCIAL PRINTING . . . . .	272.3	55.2	217.0	495.5	465.3	(NA)	(NA)	300.3	1 852.5	2 961.0	4 905.8	179.9
2751	COMMERCIAL PRINTING, EXC. LITHO . . . .	142.9	34.3	108.6	275.6	249.5	86	83	170.2	1 007.5	1 578.3	2 645.1	99.2
2752	COMMERCIAL PRINTING, LITHOGRAPHIC . . .	125.6	19.9	105.7	209.9	206.8	82	80	121.1	794.4	1 302.0	2 149.7	76.9
2753	ENGRAVING AND PLATE PRINTING . . . . .	3.8	1.0	2.7	10.0	9.0	91	81	9.0	50.7	80.7	111.1	3.8
2761	MANIFOLD BUSINESS FORMS . . . . .	39.8	9.3	30.5	98.4	92.6	91	90	28.8	173.2	377.7	637.7	23.1
2771	GREETING CARD PUBLISHING . . . . .	14.9	4.1	10.8	147.8	109.2	87	93	21.5	105.6	204.6	346.0	6.8
278	BLANKBOOKS AND BOOKBINDING . . . . .	25.1	3.6	21.5	73.7	69.1	(NA)	(NA)	42.2	206.2	340.8	496.7	14.1
2782	BLANKBOOKS AND LOOSELEAF BINDERS . . .	11.6	2.1	9.5	52.7	48.5	86	88	17.9	91.2	168.5	268.2	6.1
2789	BOOKBINDING AND RELATED WORK . . . . .	13.5	1.5	12.0	21.0	20.7	94	89	24.3	115.0	172.3	228.5	8.0
279	PRINTING TRADE SERVICES . . . . .	20.2	2.7	17.5	25.1	20.7	(NA)	(NA)	40.7	306.3	434.4	529.5	13.5
2791	TYPESETTING . . . . .	13.2	1.7	11.5	14.3	12.8	95	92	21.0	147.3	205.4	241.0	6.7
2793	PHOTODUPLICATION . . . . .	6.3	.9	5.4	8.5	5.8	94	91	14.6	119.7	171.8	212.4	5.7
2794	ELECTROTYPE AND STEREOTYPING . . . . .	.7	(2)	.7	2.2	2.2	89	85	5.1	39.3	57.2	76.1	1.0

See footnotes at end of table.

TABLE 3. General Statistics for Establishments by Industry Groups and Industries:  
1967 and 1963—Continued

Code	Industry group and industry	1967									Value added by manufacture (million dollars)	Value of shipments (million dollars)
		Companies	Establishments		All employees		Production workers					
			Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages			
(number)	(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)			
28	CHEMICALS AND ALLIED PRODUCTS..	8 556	11 799	4 348	841.4	6 443.0	541.4	1 086.1	3 555.2	23 550.1	<sup>2</sup> 42 148.3	
281	INDUSTRIAL CHEMICALS .....	953	2 032	989	248.3	2 089.8	161.5	328.6	1 228.3	7 736.6	<sup>2</sup> 14 080.7	
2812	ALKALIES AND CHLORINE .....	19	44	40	19.2	155.7	12.8	25.5	94.4	419.2	719.8	
2813	INDUSTRIAL GASES .....	113	507	156	10.3	78.5	5.3	11.1	36.6	400.9	588.7	
2815	CYCLIC INTERMEDIATES AND CRUDES ..	115	177	107	30.0	251.1	20.3	41.7	152.9	729.5	1 596.3	
2816	INDORGANIC PIGMENTS .....	65	98	60	12.6	97.2	8.9	17.7	63.2	316.3	549.3	
2818	INDUSTRIAL ORGANIC CHEMICALS, NEC. &	339	488	268	95.1	844.9	62.4	126.4	499.8	3 575.3	6 377.8	
2819	INDUSTRIAL INDRGANIC CHEMICALS, NEC	408	718	358	81.2	662.4	51.8	106.2	381.4	2 295.4	4 248.4	
282	PLASTICS MATERIALS AND SYNTHETICS..	549	771	423	172.3	1 292.3	121.3	243.3	798.2	3 798.6	<sup>2</sup> 7 336.8	
2821	PLASTICS MATERIALS AND RESINS .....	508	660	340	70.6	568.8	46.8	95.6	332.7	1 635.1	3 473.9	
2822	SYNTHETIC RUBBER .....	33	48	28	12.6	110.4	8.5	16.8	66.5	404.9	926.9	
2823	CELLULSDIC MANMADE FIBERS .....	13	23	20	31.9	198.2	25.3	50.0	141.1	506.8	902.8	
2824	DRGANIC FIBERS, NDNCELLULOSIC .....	22	40	35	57.2	415.9	40.7	80.9	257.9	1 251.8	2 033.2	
283	DRUGS .....	992	1 129	407	117.9	942.3	65.6	128.2	405.1	4 072.9	<sup>2</sup> 5 301.6	
2831	BIDLGOICAL PRODUCTS .....	119	128	44	7.4	53.8	4.8	9.3	25.1	109.2	160.0	
2833	MEDICINALS AND BOTANICALS .....	112	126	45	8.4	67.1	5.6	11.7	41.4	243.3	445.2	
2834	PHARMACEUTICAL PREPARATIONS .....	791	875	318	102.0	821.4	55.2	107.2	338.6	3 720.4	4 696.4	
284	SDAP, CLEANERS, AND TOILET GODDS ..	2 315	2 508	674	96.9	683.8	61.3	119.2	347.4	3 929.9	<sup>2</sup> 6 511.2	
2841	SDAP AND OTHER DETERGENTS .....	599	668	207	30.3	243.0	20.0	40.1	145.3	1 403.7	2 593.4	
2842	PDLSHES AND SANITATION GDDDS .....	965	1 004	203	19.4	128.7	11.8	22.6	56.5	666.1	1 108.0	
2843	SURFACE ACTIVE AGENTS .....	154	164	71	5.7	49.9	3.1	6.3	20.6	129.5	294.2	
2844	TOILET PREPARATIONS .....	628	672	193	41.5	262.2	26.4	50.2	125.0	1 730.6	2 515.6	
2851	PAINTS AND ALLIED PRODUCTS .....	1 459	1 701	680	66.1	492.0	36.3	73.1	223.4	1 318.5	2 911.4	
2861	GUM AND WODD CHEMICALS .....	172	184	42	5.9	33.5	4.6	9.0	23.1	100.8	215.9	
287	AGRICULTURAL CHEMICALS .....	752	1 278	509	45.7	280.5	30.9	63.6	162.6	1 005.8	<sup>2</sup> 2 745.0	
2871	FERTILIZERS .....	85	213	184	20.8	129.2	15.2	32.2	86.1	434.1	1 196.9	
2872	FERTILIZERS, MIXING DNLY .....	496	721	210	13.4	70.6	8.9	17.8	37.5	195.3	731.1	
2879	AGRICULTURAL CHEMICALS, NEC .....	223	344	115	11.5	80.7	6.9	13.6	39.0	376.3	817.0	
289	MISCELLANEDUS CHEMICAL PRODUCTS ..	1 752	2 196	624	88.3	627.8	59.8	121.0	367.1	1 587.1	<sup>2</sup> 3 045.7	
2891	ADHESIVES AND GELATIN .....	247	337	113	9.7	73.8	5.9	12.4	36.1	211.3	473.6	
2892	EXPLDSIVES .....	37	92	52	32.8	227.0	24.1	47.9	156.3	376.0	647.0	
2893	PRINTING INK .....	207	360	124	9.7	74.0	6.4	13.6	41.1	166.6	375.6	
2895	CARBON BLACK .....	11	34	29	2.8	22.8	2.3	5.2	18.0	100.8	167.8	
2899	CHEMICAL PREPARATIONS, NEC .....	1 275	1 373	306	33.3	230.2	21.1	42.0	115.6	732.4	1 381.6	
29	PETRDLEUM AND CDAL PRDOUCTS ..	1 200	1 880	704	141.7	1 216.2	99.2	202.1	786.3	5 425.9	<sup>2</sup> 22 043.4	
2911	PETRDLEUM REFINING .....	276	437	287	106.7	965.0	75.6	151.6	632.2	4 745.0	20 293.9	
295	PAVING AND RDRDING MATERIALS .....	660	1 098	293	26.5	186.2	19.0	40.9	124.6	455.8	<sup>2</sup> 1 182.4	
2951	PAVING MIXTURES AND BLDCKS .....	553	872	155	12.2	90.0	8.5	18.0	58.4	234.7	584.6	
2952	ASPHALT FELTS AND CDATINGS .....	115	226	138	14.4	96.3	10.4	22.9	66.2	221.1	597.8	
299	MISC. PETRDLEUM AND CDAL PRDDUCTS	293	345	124	8.4	64.9	4.8	9.6	29.6	225.1	567.1	
2992	LUBRICATING DILS AND GREASES .....	256	298	109	7.3	58.0	3.9	7.9	24.3	200.7	487.3	
2999	PETROLEUM AND COAL PRDDUCTS, NEC ..	38	47	15	1.1	6.9	.8	1.7	5.2	24.4	79.8	
30	RUBBER AND PLASTICS PRDDUCTS, NEC	5 624	6 456	3 122	516.7	3 286.5	410.1	815.5	2 312.5	6 799.5	<sup>2</sup> 12 758.6	
3011	TIRES AND INNER TUBES .....	119	182	110	92.7	774.5	71.4	136.5	573.8	1 823.0	3 733.9	
3021	RUBBER FDDTWEAR .....	51	65	55	29.1	141.1	25.7	46.5	112.8	244.9	427.0	
3031	RECLAIMED RUBBER .....	19	24	13	1.7	11.8	1.4	2.5	8.9	23.4	43.8	
3069	FABRICATED RUBBER PRDDUCTS, NEC ..	1 024	1 189	671	141.6	923.0	107.6	215.1	618.3	1 740.5	3 139.4	
3079	MISCELLANEDUS PLASTICS PRDDUCTS ..	4 495	4 996	2 273	251.6	1 436.1	204.0	414.9	998.7	2 967.7	5 414.5	
31	LEATHER AND LEATHER PRODUCTS ..	3 262	3 685	1 967	328.7	1 458.8	293.3	549.2	1 147.0	2 626.5	<sup>2</sup> 5 169.0	
3111	LEATHER TANNING AND FINISHING .....	474	519	258	30.7	186.4	26.4	52.8	142.5	319.4	870.1	
3121	INDUSTRIAL LEATHER BELTING .....	65	67	24	2.7	15.9	2.0	4.0	10.4	31.5	53.8	
3131	FOOTWEAR CUT STCK .....	348	379	189	13.7	59.9	12.2	22.7	45.8	109.2	262.8	
314	FOOTWEAR, EXCEPT RUBBER .....	799	1 083	834	211.1	888.5	191.1	354.3	720.8	1 619.9	<sup>2</sup> 2 951.5	
3141	SHDES, EXCEPT RUBBER .....	676	951	742	198.5	835.3	180.0	333.7	680.8	1 525.7	2 770.5	
3142	HOUSE SLIPPERS .....	125	132	92	12.5	53.2	11.0	20.5	40.0	94.2	181.0	
3151	LEATHER GLDVES AND MITTENS .....	136	147	71	6.3	22.4	5.6	9.9	17.9	36.3	86.7	
3161	LUGGAGE .....	328	333	156	21.4	96.6	18.4	34.2	69.4	186.0	334.2	
317	HANDBAGS, PERSONAL LEATHER GDODS ..	781	792	352	36.8	162.7	32.4	61.4	121.2	278.7	<sup>2</sup> 513.5	
3171	WOMEN'S HANDBAGS AND PURSES .....	488	496	247	24.1	104.5	21.7	41.7	82.8	173.6	327.2	
3172	PERSONAL LEADDER GDODS .....	293	296	105	12.7	58.2	10.7	19.7	38.4	105.1	186.2	
3199	LEATHER GDODS, NEC .....	358	365	83	6.1	26.4	5.3	10.0	19.0	45.5	96.5	
32	STONE, CLAY, AND GLASS PRODUCTS ..	13 044	15 580	4 911	589.9	3 825.5	469.3	948.4	2 784.1	8 333.4	<sup>2</sup> 14 449.4	
3211	FLAT GLASS .....	39	64	39	23.9	196.6	19.8	40.2	157.6	422.9	611.3	
322	GLASS, GLASSWARE, PRESSED DR BLDWN	176	305	225	109.2	688.4	95.9	191.6	573.9	1 501.1	<sup>2</sup> 2 238.6	
3221	GLASS CONTAINERS .....	39	120	112	66.7	426.1	59.4	119.4	362.3	842.2	1 352.4	
3229	PRESSED AND BLOWN GLASS, NEC .....	139	185	113	42.5	262.3	36.5	72.2	211.6	658.9	886.2	
3231	PRDDUCTS DF PURCHASED GLASS .....	845	887	258	29.2	182.1	23.9	47.4	134.7	393.9	794.7	
3241	CEMENT, HYDRAULIC .....	65	197	180	32.6	247.7	26.2	52.5	184.4	812.3	1 246.5	
325	STRUTURAL CLAY PRDDUCTS .....	610	851	624	60.3	343.9	49.9	101.2	253.7	611.9	<sup>2</sup> 921.5	
3251	BRICK AND STRUTURAL CLAY TILE .....	377	482	363	27.5	143.8	23.3	47.9	109.8	251.1	362.0	
3253	CERAMIC WALL AND FLDR TILE .....	57	80	59	10.6	60.6	8.5	17.6	41.8	105.9	160.5	
3255	CLAY REFRACTORIES .....	83	145	107	12.6	84.3	10.1	19.2	59.2	151.4	246.1	
3259	STRUTURAL CLAY PRDDUCTS, NEC .....	110	144	95	9.7	55.2	8.1	16.5	42.9	103.4	152.9	

See footnotes at end of table.



TABLE 3. General Statistics for Establishments by Industry Groups and Industries:  
1967 and 1963—Continued

Code	Industry group and industry	1967—Continued							1963				
		Capital expenditures, new <sup>1</sup>			Inventories end of—		Special-ization ratio <sup>2</sup>	Cover-age ratio	All employees		Value added by manufacture	Value of shipments	Capital expenditures, new
		Total	Structures and additions to plant	Machinery and equipment	1967	1966			Number	Payroll			
		(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(percent)	(1,000)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
28	CHEMICALS AND ALLIED PRODUCTS. . .	2 936.1	659.0	2 277.1	5 348.7	4 997.2	(NA)	(NA)	737.4	4 969.8	17 585.9	31 718.5	1 545.7
281	INDUSTRIAL CHEMICALS . . . . .	1 421.1	286.4	1 134.7	1 737.8	1 610.2	(NA)	(NA)	236.6	1 763.2	6 171.1	11 109.1	813.3
2812	ALKALIES AND CHLORINE. . . . .	98.0	13.3	84.7	71.4	67.6	67	75	19.7	138.2	389.2	652.1	57.5
2813	INDUSTRIAL GASES . . . . .	123.7	17.5	106.2	21.2	19.5	96	89	9.8	66.6	260.2	425.4	93.5
2815	CYCLIC INTERMEDIATES AND CRUDES. . .	136.1	24.6	111.6	261.8	248.1	73	66	27.7	201.9	605.3	1 212.8	106.8
2816	INORGANIC PIGMENTS . . . . .	20.8	3.1	17.7	108.6	104.3	84	11.5	11.5	76.4	286.4	484.8	17.4
2818	INDUSTRIAL ORGANIC CHEMICALS, NEC. .	781.2	152.6	628.5	801.1	742.6	72	81	85.5	677.3	2 727.4	4 840.2	401.0
2819	INDUSTRIAL INORGANIC CHEMICALS, NEC.	261.4	75.3	186.1	473.8	428.1	21 86	21 78	82.4	603.0	1 902.6	3 493.9	137.1
282	PLASTICS MATERIALS AND SYNTHETICS. .	746.6	130.5	616.0	868.8	865.1	(NA)	(NA)	144.7	973.9	2 865.3	5 470.4	378.6
2821	PLASTICS MATERIALS AND RESINS. . . .	310.1	59.2	250.8	395.3	378.9	83	60	61.4	437.6	1 202.3	2 571.5	137.8
2822	SYNTHETIC RUBBER . . . . .	75.2	12.3	62.9	97.0	96.6	89	81	11.8	93.5	329.5	763.9	32.3
2823	CELLULOSIC MANMADE FIBERS. . . . .	51.6	10.6	41.0	108.8	120.2	(NA)	(NA)	30.1	167.0	411.5	731.8	38.1
2824	ORGANIC FIBERS, NONCELLULOSIC. . . .	309.7	48.4	261.3	267.7	269.4	92	94	41.4	275.8	922.0	1 403.2	170.3
283	DRUGS. . . . .	217.9	91.9	126.0	741.5	682.6	(NA)	(NA)	99.0	673.8	2 807.4	3 715.9	113.3
2831	BIOLOGICAL PRODUCTS. . . . .	12.1	5.2	7.0	46.1	37.5	90	61	5.8	33.8	60.4	95.7	10.1
2833	MEDICINALS AND BOTANICALS. . . . .	36.2	7.4	28.8	83.5	76.5	71	56	8.1	59.3	151.3	305.8	14.0
2834	PHARMACEUTICAL PREPARATIONS. . . . .	169.6	79.3	90.2	611.9	568.6	87	97	85.1	580.6	2 595.7	3 314.3	89.3
284	SOAP, CLEANERS, AND TOILET GOODS. . .	125.2	49.4	75.8	680.2	606.9	(NA)	(NA)	85.5	525.8	2 866.4	4 855.5	84.7
2841	SOAP AND OTHER DETERGENTS. . . . .	48.1	11.5	36.6	250.5	231.0	83	90	30.8	214.1	1 137.4	2 127.8	44.1
2842	POLISHES AND SANITATION GOODS. . . .	16.4	8.2	8.2	114.0	99.8	80	75	16.3	96.6	420.4	757.2	13.3
2843	SURFACE ACTIVE AGENTS. . . . .	8.0	1.3	6.7	37.6	35.1	79	54	4.1	31.9	75.7	177.8	7.2
2844	TOILET PREPARATIONS. . . . .	52.7	28.4	24.3	278.0	241.0	94	80	34.3	183.3	1 232.9	1 772.7	20.2
2851	PAINTS AND ALLIED PRODUCTS. . . . .	70.7	28.8	41.9	426.7	406.1	95	96	61.3	401.2	1 111.7	2 456.4	37.7
2861	GUM AND WOOD CHEMICALS. . . . .	20.6	3.7	16.9	46.2	43.6	73	76	6.8	32.7	100.3	212.9	5.6
287	AGRICULTURAL CHEMICALS. . . . .	205.2	32.9	172.2	524.0	477.6	(NA)	(NA)	42.9	213.1	628.2	1 968.9	66.6
2871	FERTILIZERS. . . . .	133.1	15.3	117.8	245.2	222.8	86	95	20.0	102.3	287.8	869.2	45.5
2872	FERTILIZERS, MIXING ONLY. . . . .	18.0	6.0	11.9	133.2	131.7	96	97	13.8	59.4	164.1	623.1	12.0
2879	AGRICULTURAL CHEMICALS, NEC. . . . .	54.0	11.6	42.5	145.6	123.1	87	72	9.1	51.5	176.3	476.7	9.1
289	MISCELLANEOUS CHEMICAL PRODUCTS. .	128.7	35.3	93.4	323.4	305.1	(NA)	(NA)	60.6	386.0	1 035.5	1 983.8	45.9
2891	ADHESIVES AND GELATIN. . . . .	22.0	9.2	12.8	59.6	55.9	84	77	8.5	54.9	147.0	351.7	9.8
2892	EXPLOSIVES. . . . .	21.8	4.2	17.5	39.1	38.6	92	93	14.8	91.6	165.7	283.3	5.5
2893	PRINTING INK. . . . .	7.1	2.0	5.1	44.7	41.5	93	95	8.5	55.9	125.1	268.0	4.6
2895	CARBON BLACK. . . . .	23.4	3.6	19.8	16.1	15.9	100	(NA)	3.0	20.7	91.8	149.1	4.0
2899	CHEMICAL PREPARATIONS, NEC. . . . .	54.5	16.3	38.2	163.9	153.2	82	74	25.8	162.9	505.9	931.7	22.1
29	PETROLEUM AND COAL PRODUCTS. . .	999.3	560.3	438.9	2 029.6	1 860.9	(NA)	(NA)	152.5	1 133.8	3 713.9	17 995.4	413.7
2911	PETROLEUM REFINING. . . . .	956.3	547.8	408.6	1 904.3	1 730.8	98	97	118.3	922.3	3 138.2	16 497.5	385.1
295	PAVING AND ROOFING MATERIALS. . . .	32.6	9.5	23.1	62.1	63.9	(NA)	(NA)	24.3	144.5	355.6	955.1	22.0
2951	PAVING MIXTURES AND BLOCKS. . . . .	23.8	7.9	15.9	19.7	16.5	93	95	9.7	62.1	165.6	427.5	15.1
2952	ASPHALT FELTS AND COATINGS. . . . .	8.8	1.7	7.2	42.4	47.4	91	95	14.6	82.5	190.0	527.6	7.0
299	MISC. PETROLEUM AND COAL PRODUCTS.	10.3	3.1	7.3	63.3	66.1	(NA)	(NA)	9.9	66.9	220.1	542.8	6.5
2992	LUBRICATING OILS AND GREASES. . . .	8.5	2.9	5.6	53.3	53.2	94	132	8.4	57.9	199.1	471.2	4.7
2999	PETROLEUM AND COAL PRODUCTS, NEC. .	1.8	.1	1.7	10.0	13.0	99	92	1.5	9.0	21.0	71.5	1.8
30	RUBBER AND PLASTICS PRODUCTS, NEC	677.2	139.6	537.6	1 670.0	1 600.9	(NA)	(NA)	414.9	2 364.0	4 654.0	9 116.2	343.5
3011	TIRES AND INNER TUBES. . . . .	198.8	29.5	169.3	526.0	511.7	95	99	85.3	621.7	1 321.7	2 949.7	112.8
3021	RUBBER FOOTWEAR. . . . .	9.6	1.1	8.5	91.3	92.2	(NA)	(NA)	29.1	130.4	217.0	354.2	6.9
3031	RECLAIMED RUBBER. . . . .	1.6	.3	1.3	5.4	6.8	83	75	2.0	13.6	27.4	48.9	1.3
3069	FABRICATED RUBBER PRODUCTS, NEC. . .	134.6	30.8	103.8	412.0	405.4	88	89	132.2	760.8	1 427.0	2 598.0	65.0
3079	MISCELLANEOUS PLASTICS PRODUCTS. . .	332.6	77.9	254.7	635.3	584.8	93	84	166.3	837.6	1 660.9	3 165.4	157.5
31	LEATHER AND LEATHER PRODUCTS. . .	62.1	19.8	42.3	653.7	667.4	(NA)	(NA)	327.3	1 227.8	2 078.6	4 209.6	34.6
3111	LEATHER TANNING AND FINISHING. . . .	16.7	5.2	11.6	135.8	147.8	98	99	31.4	163.3	273.1	758.4	6.5
3121	INDUSTRIAL LEATHER BELTING. . . . .	1.1	.4	.8	7.6	9.1	85	90	2.9	15.9	32.9	51.9	.7
3131	FOOTWEAR CUT STOCK. . . . .	2.7	.8	1.9	25.1	25.3	94	93	14.3	53.4	90.6	229.3	1.6
314	FOOTWEAR, EXCEPT RUBBER. . . . .	26.4	6.9	19.5	361.2	368.4	(NA)	(NA)	212.7	753.4	1 279.3	2 372.7	19.6
3141	SHOES, EXCEPT RUBBER. . . . .	25.2	6.7	18.5	336.2	343.9	99	98	201.7	713.6	1 214.7	2 249.2	18.5
3142	HOUSE SLIPPERS. . . . .	1.3	.3	1.0	25.0	24.4	92	93	11.0	39.8	64.6	123.6	1.1
3151	LEATHER GLOVES AND MITTENS. . . . .	.8	.5	.3	14.2	15.3	90	84	7.7	24.4	32.2	80.6	.3
3161	LUGGAGE. . . . .	8.8	4.9	4.0	45.3	37.8	96	94	16.4	62.9	112.8	21.0	1.9
317	HANDBAGS, PERSONAL LEATHER GOODS. .	4.2	.8	3.4	52.2	51.5	(NA)	(NA)	37.0	135.8	225.0	439.4	3.2
3171	WOMEN'S HANDBAGS AND PURSES. . . .	2.1	.4	1.7	26.1	24.9	98	98	24.5	88.5	142.6	280.3	1.9
3172	PERSONAL LEATHER GOODS. . . . .	2.0	.3	1.7	26.0	26.5	94	92	12.4	47.4	82.4	159.0	1.3
3199	LEATHER GOODS, NEC. . . . .	1.4	.4	1.0	12.4	12.2	94	86	5.0	18.7	32.7	67.1	.8
32	STONE, CLAY, AND GLASS PRODUCTS. .	820.9	193.0	627.8	1 851.2	1 803.5	(NA)	(NA)	573.9	3 212.5	7 043.8	12 289.1	607.6
3211	FLAT GLASS. . . . .	59.9	9.2	50.7	93.1	88.0	* 85	(D)	22.8	172.2	364.5	549.4	28.2
322	GLASS, GLASSWARE, PRESSED OR BLOWN	152.7	38.6	114.1	282.9	288.0	(NA)	(NA)	98.0	535.2	1 101.8	1 635.4	76.5
3221	GLASS CONTAINERS. . . . .	70.8	18.3	52.6	154.3	170.5	99	99	60.0	328.0	629.6	1 004.5	53.8
3229	PRESSED AND BLOWN GLASS, NEC. . . .	81.9	20.4	61.5	128.6	117.5	97	98	38.0	207.3	472.2	630.9	22.7
3231	PRODUCTS OF PURCHASED GLASS. . . . .	21.9	5.5	16.4	133.6	125.2	* 90	(D)	26.2	138.3	309.7	627.3	13.2
3241	CEMENT, HYDRAULIC. . . . .	90.5	21.7	68.9	204.3	195.5	99	99	34.9	227.4	785.7	1 176.9	120.8
325	STRUCTURAL CLAY PRODUCTS. . . . .	59.3	14.0	45.3	191.1	186.9	(NA)	(NA)	65.0	320.9	553.7	841.7	42.2
3251	BRICK AND STRUCTURAL CLAY TILE. . . .	27.1	7.1	20.0	60.6	56.6	98	99	28.6	130.4	216.5	325.1	19.3
3253	CERAMIC WALL AND FLOOR TILE. . . . .	4.7	.6	4.1	35.2	35.1	93	99	12.8	63.7	110.6	164.7	9.1
3255	CLAY REFRACTORIES. . . . .	17.9	4.1	13.8	65.6	64.8	92	92	11.4	64.8	118.2	192.2	7.9
3259	STRUCTURAL CLAY PRODUCTS, NEC. . . .	9.7	2.2	7.5	29.7	30.5	91	96	12.2	62.0	108.4	159.7	5.0

See footnotes at end of table.

TABLE 3. General Statistics for Establishments by Industry Groups and Industries:  
1967 and 1963—Continued

Code	Industry group and industry	1967									
		Companies	Establishments		All employees		Production workers			Value added by manufacture	Value of shipments
			Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages		
		(number)	(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)
32	STONE, CLAY, AND GLASS PRODUCTS--CON.										
326	POTTERY AND RELATED PRODUCTS . . . . .	574	619	231	42.7	246.9	36.0	70.1	190.0	418.7	<sup>2</sup> 605.4
3261	VITREOUS PLUMBING FIXTURES . . . . .	34	51	40	8.4	56.5	7.0	13.8	45.7	111.4	170.0
3262	VITREOUS CHINA FOOD UTENSILS . . . . .	35	39	28	7.0	36.1	6.0	11.2	27.3	55.8	67.2
3263	FINE EARTHENWARE FOOD UTENSILS . . . . .	20	21	17	5.9	27.5	5.3	9.8	22.6	34.6	47.1
3264	PORCELAIN ELECTRICAL SUPPLIES . . . . .	65	74	50	13.4	89.9	11.0	22.2	67.5	153.5	225.0
3269	POTTERY PRODUCTS, NEC. . . . .	424	434	96	7.9	37.0	6.7	13.1	27.0	63.4	96.1
327	CONCRETE, GYPSUM, PLASTER PRODUCTS	8 638	10 004	2 450	169.1	1 103.3	122.7	255.0	719.0	2 478.0	<sup>2</sup> 4 999.6
3271	CONCRETE BLOCK AND BRICK . . . . .	1 534	1 599	349	21.1	130.1	14.6	30.6	77.0	274.2	550.1
3272	CONCRETE PRODUCTS, NEC. . . . .	3 055	3 412	802	56.8	351.1	45.4	94.2	247.9	722.6	1 201.1
3273	READY-MIXED CONCRETE . . . . .	4 032	4 760	1 150	74.5	508.8	49.2	100.7	308.6	1 155.5	2 684.2
3274	LIME . . . . .	78	116	71	6.8	42.6	5.7	12.0	33.4	100.1	176.5
3275	GYPSUM PRODUCTS . . . . .	55	117	78	10.0	70.7	7.8	17.5	52.2	225.6	387.7
3281	CUT STONE AND STONE PRODUCTS . . . . .	776	811	196	16.6	90.8	14.1	28.3	70.9	148.2	<sup>2</sup> 236.4
329	MISC. NONMETALLIC MINERAL PRODUCTS	1 485	1 842	708	106.1	725.8	80.7	162.1	499.7	1 546.5	2 795.3
3291	ABRASIVE PRODUCTS . . . . .	320	361	165	27.2	197.5	18.9	36.3	119.2	420.7	725.3
3292	ASBESTOS PRODUCTS . . . . .	81	138	99	21.3	144.0	16.8	35.0	107.5	308.1	575.0
3293	GASKETS AND INSULATIONS . . . . .	288	301	123	18.5	115.3	14.1	27.8	76.8	205.5	352.8
3295	MINERALS, GROUND OR TREATED . . . . .	382	504	130	8.9	59.3	7.0	14.4	41.7	149.4	280.9
3296	MINERAL WOOL . . . . .	77	116	74	15.1	106.9	12.2	25.5	83.9	247.3	454.4
3297	NONCLAY REFRACTORIES . . . . .	59	92	64	9.9	72.1	7.4	14.8	49.5	158.7	307.1
3299	NONMETALLIC MINERAL PRODUCTS, NEC. .	325	330	53	5.3	30.6	4.3	8.3	21.1	56.8	99.9
33	PRIMARY METAL INDUSTRIES . . . . .	5 538	6 837	4 082	1 281.0	9 850.9	1 041.5	2 088.7	7 457.3	19 978.2	<sup>2</sup> 46 730.9
331	BLAST FURNACE, BASIC STEEL PROO. .	563	861	673	617.3	5 021.9	500.8	981.6	3 829.2	10 170.1	23 121.0
3312	BLAST FURNACES AND STEEL MILLS . . . .	200	329	259	533.1	4 385.3	434.0	845.4	3 368.4	8 910.1	19 620.6
3313	ELECTROMETALLURGICAL PRODUCTS . . . .	21	34	31	10.4	79.0	8.4	17.2	58.6	193.2	467.9
3315	STEEL WIRE AND RELATED PRODUCTS . . . .	200	240	171	19.5	194.8	21.7	44.1	138.0	269.1	845.2
3316	COLO FINISHING OF STEEL SHAPES . . . .	77	107	86	19.5	154.9	14.9	29.8	108.8	269.1	1 038.7
3317	STEEL PIPE AND TUBES . . . . .	123	151	126	27.0	207.9	21.8	45.1	155.4	412.1	1 148.6
332	IRON AND STEEL FOUNDRIES . . . . .	1 265	1 438	1 097	232.6	1 640.5	198.3	402.1	1 306.7	2 631.0	<sup>2</sup> 4 289.3
3321	GRAY IRON FOUNDRIES . . . . .	969	1 061	774	138.0	965.3	119.3	242.3	780.2	1 543.1	2 637.8
3322	MALLEABLE IRON FOUNDRIES . . . . .	72	81	75	25.4	187.0	21.4	43.0	147.3	296.5	438.3
3323	STEEL FOUNDRIES . . . . .	256	296	248	69.2	488.2	57.6	116.8	379.2	791.4	1 213.2
333	PRIMARY NONFERROUS METALS . . . . .	77	144	121	53.4	405.1	42.2	85.4	300.5	1 381.5	<sup>2</sup> 3 714.0
3331	PRIMARY COPPER . . . . .	11	32	32	11.6	80.6	9.2	18.1	61.0	262.6	1 184.1
3332	PRIMARY LEAD . . . . .	10	19	18	2.7	18.9	2.1	4.3	13.3	48.3	304.0
3333	PRIMARY ZINC . . . . .	11	18	18	8.1	57.8	6.4	13.5	42.9	119.5	332.8
3334	PRIMARY ALUMINUM . . . . .	8	25	24	23.8	190.9	19.2	38.4	145.2	811.8	1 608.7
3339	PRIMARY NONFERROUS METALS, NEC. . . .	41	50	29	7.2	56.9	5.2	11.2	38.1	139.3	284.4
3341	SECONDARY NONFERROUS METALS . . . . .	351	403	182	17.2	122.8	12.8	26.6	78.4	271.2	1 586.0
335	NONFERROUS ROLLING AND DRAWING . . . .	527	833	620	194.9	1 438.4	151.1	313.4	1 027.0	3 324.9	<sup>2</sup> 9 925.4
3351	COPPER ROLLING AND DRAWING . . . . .	86	125	108	40.3	293.9	32.2	64.5	219.0	704.4	2 391.1
3352	ALUMINUM ROLLING AND DRAWING . . . . .	155	218	163	61.5	479.4	48.7	101.0	354.9	938.7	2 958.9
3356	NONFERROUS ROLLING AND DRAWING, NEC.	115	142	74	21.3	163.5	14.8	30.9	100.4	351.7	984.0
3357	NONFERROUS WIREDRAWING, INSULATING .	206	348	275	71.7	501.6	55.3	117.0	352.7	1 330.1	3 591.4
336	NONFERROUS FOUNDRIES . . . . .	1 827	1 886	798	89.6	609.3	76.0	154.5	464.0	1 922.0	<sup>2</sup> 1 922.0
3361	ALUMINUM CASTINGS . . . . .	970	992	411	45.2	312.9	38.8	78.8	243.6	516.6	920.5
3362	BRASS, BRONZE, AND COPPER CASTINGS . .	516	534	207	17.9	119.8	15.1	30.6	89.2	226.8	445.2
3369	NONFERROUS CASTINGS, NEC. . . . .	352	360	180	26.6	176.7	22.1	45.0	131.2	324.1	556.3
339	MISC. PRIMARY METAL PRODUCTS . . . . .	1 140	1 272	591	76.0	612.9	60.5	125.0	451.5	1 131.9	<sup>2</sup> 2 173.2
3391	IRON AND STEEL FORGINGS . . . . .	248	272	189	41.2	345.9	33.4	67.2	265.6	607.4	1 261.6
3392	NONFERROUS FORGINGS . . . . .	37	41	31	10.1	87.5	7.4	16.5	61.4	154.4	333.1
3399	PRIMARY METAL PRODUCTS, NEC. . . . .	868	959	371	24.7	179.4	19.7	41.4	124.5	370.2	578.5
34	FABRICATED METAL PRODUCTS . . . . .	25 262	27 418	10 742	1 341.8	9 319.5	1 056.9	2 160.9	6 541.6	18 042.6	<sup>2</sup> 34 577.8
3411	METAL CANS . . . . .	96	299	241	60.3	474.4	52.3	112.7	393.3	1 141.5	2 890.6
342	CUTLERY, HANDTOOLS, AND HARDWARE . .	1 810	1 939	854	155.9	1 043.1	123.9	259.9	742.2	2 318.3	<sup>2</sup> 3 714.6
3421	CUTLERY . . . . .	138	146	69	13.0	80.2	10.4	20.5	54.5	276.3	378.5
3423	HAND AND EDGE TOOLS, NEC. . . . .	630	667	252	35.9	232.9	28.7	57.9	165.8	509.4	813.5
3425	HANDSAWS AND SAW BLADES . . . . .	74	85	49	6.3	43.4	4.8	10.1	29.5	97.1	154.3
3429	HARDWARE, NEC. . . . .	979	1 041	484	100.8	686.7	80.0	171.4	492.4	1 435.5	2 368.3
343	PLUMBING AND HEATING EXC. ELECTRIC	781	838	389	65.2	427.9	48.5	96.8	278.4	871.9	<sup>2</sup> 1 724.9
3431	METAL SANITARY WARE . . . . .	83	91	51	10.1	71.3	8.1	16.4	55.5	140.6	251.2
3432	PLUMBING FITTINGS AND BRASS GOODS . .	210	214	90	14.5	92.6	11.4	22.8	64.2	183.3	404.7
3433	HEATING EQUIPMENT, EXCEPT ELECTRIC .	496	533	248	40.6	264.0	29.0	57.5	160.7	547.9	<sup>2</sup> 1 069.0
344	FABRICATED STRUCTURAL METAL PROO. .	9 558	10 151	3 705	387.9	2 686.8	292.5	591.5	1 777.9	4 934.3	<sup>2</sup> 10 449.2
3441	FABRICATED STRUCTURAL STEEL . . . . .	1 865	1 960	1 035	107.5	773.6	80.1	163.6	509.9	1 319.3	2 967.8
3442	METAL DOORS, SASH, AND TRIM . . . . .	1 540	1 646	597	63.9	378.5	47.9	94.8	235.7	651.1	1 413.6
3443	FABRICATED PLATEWORK (BOILER SHOPS). .	1 346	1 465	784	96.4	700.4	73.1	150.4	477.5	1 393.4	2 688.5
3444	SHEET METALWORK . . . . .	2 942	3 054	811	68.1	490.7	52.9	105.8	336.0	889.3	1 812.4
3446	ARCHITECTURAL METALWORK . . . . .	1 360	1 377	198	19.3	123.0	15.4	29.5	81.5	232.6	484.9
3449	MISCELLANEOUS METALWORK . . . . .	594	649	280	32.7	220.7	23.2	47.4	137.4	448.6	1 082.0
345	SCREW MACHINE PRODUCTS, BOLTS, ETO	2 415	2 536	1 073	116.1	847.1	93.7	196.7	605.7	1 620.9	<sup>2</sup> 2 665.4
3451	SCREW MACHINE PRODUCTS . . . . .	1 847	1 874	681	49.0	349.1	41.5	88.2	258.5	641.5	1 021.5
3452	BOLTS, NUTS, RIVETS, AND WASHERS . .	577	662	292	67.2	498.1	52.2	108.5	347.2	979.4	1 643.9
3461	METAL STAMPINGS . . . . .	2 564	2 710	1 351	225.9	1 685.5	187.0	379.8	1 272.4	3 030.8	5 893.7
347	METAL SERVICES, NEC. . . . .	4 555	<sup>2</sup> 4 684	1 204	81.3	481.4	69.0	137.4	356.1	864.3	<sup>2</sup> 1 262.4
3471	PLATING AND POLISHING . . . . .	3 170	<sup>2</sup> 3 241	855	55.1	323.2	46.8	92.5	239.1	574.8	791.1
3479	METAL COATING AND ALLIED SERVICES . .	1 393	<sup>2</sup> 1 443	349	26.2	158.2	22.2	44.9	116.9	289.6	471.3
3481	MISC. FABRICATED WIRE PRODUCTS . . . .	1 430	1 550	613	60.2	364.0	49.3	99.0	257.2	669.5	1 220.4

See footnotes at end of table.



TABLE 3. General Statistics for Establishments by Industry Groups and Industries:  
1967 and 1963—Continued

Code	Industry group and industry	1967--Continued								1963				
		Capital expenditures, new <sup>1</sup>			Inventories end of--		Special- ization ratio	Cover- age ratio		All employees		Value added by manufacture	Value of shipments	Capital expendi- tures, new
		Total	Structures and additions to plant	Machinery and equipment	1967	1966				Number	Payroll			
		(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(per- cent)	(per- cent)		(1,000)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
32	STONE, CLAY, AND GLASS PRODUCTS--CON.													
326	POTTERY AND RELATED PRODUCTS . . . .	29.9	10.7	19.2	98.1	90.9	(NA)	(NA)		42.2	212.9	337.1	493.0	11.2
3261	VITREOUS PLUMBING FIXTURES . . . . .	2.6	1.1	1.5	26.6	26.7	95	96		9.3	56.8	101.5	155.7	2.4
3262	VITREOUS CHINA FOOD UTENSILS . . . . .	1.9	.6	1.3	15.2	13.9	90	89		6.3	29.6	42.5	51.0	.7
3263	FINE EARTHENWARE FOOD UTENSILS . . . .	1.0	.1	.9	10.1	10.1	86	86		7.3	31.6	41.0	59.0	.8
3264	PORCELAIN ELECTRICAL SUPPLIES . . . . .	21.4	8.2	13.2	35.6	30.1	85	98		10.2	57.4	90.0	131.8	4.1
3269	POTTERY PRODUCTS, NEC. . . . .	3.0	.7	2.3	10.7	10.1	97	87		9.1	37.5	62.1	95.5	3.1
327	CONCRETE, GYPSUM, PLASTER PRODUCTS	271.8	60.4	211.4	362.0	340.8	(NA)	(NA)		165.9	906.0	2 122.2	4 312.8	210.6
3271	CONCRETE BLOCK AND BRICK . . . . .	30.5	8.1	22.4	60.8	60.4	92	86		23.8	119.5	245.5	505.2	31.1
3272	CONCRETE PRODUCTS, NEC. . . . .	73.8	11.7	62.1	159.1	149.6	96	94		52.3	266.7	540.0	925.7	43.5
3273	READY-MIXED CONCRETE . . . . .	136.9	35.6	101.3	87.1	70.8	93	98		71.5	410.5	982.0	2 292.5	106.0
3274	LIME . . . . .	17.7	2.0	15.6	15.8	15.5	87	93		6.8	38.9	95.1	164.4	14.7
3275	GYPSUM PRODUCTS . . . . .	12.9	3.0	9.9	39.2	44.5	96	98		11.5	70.3	259.7	425.1	15.2
3281	CUT STONE AND STONE PRODUCTS . . . . .	6.1	1.5	4.5	31.1	30.1	95	99		18.3	85.7	131.5	217.2	6.7
329	MISC. NONMETALLIC MINERAL PRODUCTS	128.7	31.4	97.3	454.6	458.1	(NA)	(NA)		100.6	613.8	1 337.5	2 435.3	98.1
3291	ABRASIVE PRODUCTS . . . . .	30.4	8.5	21.9	128.2	125.8	91	85		28.2	187.0	416.4	704.2	15.5
3292	ASBESTOS PRODUCTS . . . . .	18.9	3.0	15.9	111.0	115.8	93	90		19.5	118.0	269.1	509.2	12.4
3293	GASKETS AND INSULATIONS . . . . .	9.2	2.3	6.9	54.2	50.7	82	81		16.8	94.4	160.7	279.2	8.9
3295	MINERALS, GROUND OR TREATED . . . . .	23.5	5.1	18.4	27.3	25.8	95	89		7.3	41.6	102.1	204.4	11.9
3296	MINERAL WOOL . . . . .	27.2	6.0	21.1	35.3	38.9	92	96		14.7	92.3	206.8	391.9	38.0
3297	NONCLAY REFRACTORIES . . . . .	17.3	5.8	11.5	87.0	88.6	90	88		8.6	53.4	129.1	250.2	9.3
3299	NONMETALLIC MINERAL PRODUCTS, NEC. .	2.2	.6	1.5	11.6	12.5	83	89		5.5	27.1	53.3	96.2	2.2
33	PRIMARY METAL INDUSTRIES . . . . .	3 134.1	689.9	2 444.3	8 001.4	7 470.5	(NA)	(NA)		1 126.4	7 734.1	15 068.0	35 428.4	1 446.3
331	BLAST FURNACE, BASIC STEEL PROO. . . .	1 911.0	389.8	1 521.1	4 606.8	4 242.4	(NA)	(NA)		568.8	4 167.9	8 424.1	18 953.0	974.4
3312	BLAST FURNACES AND STEEL MILLS . . . .	1 661.0	324.1	1 337.0	3 936.6	3 612.5	(NA)	(NA)		500.5	3 711.6	7 506.4	16 418.0	908.4
3313	ELECTROMETALLURGICAL PRODUCTS . . . .	29.3	5.1	24.1	114.0	103.9	85-90	82		10.4	68.9	145.5	382.1	13.4
3315	STEEL WIRE AND RELATED PRODUCTS . . . .	56.9	24.2	32.7	162.2	157.5	90	37		21.3	134.6	253.0	592.3	14.0
3316	COLO FINISHING OF STEEL SHAPES . . . .	126.0	27.3	98.7	188.4	179.0	89	24		13.7	99.6	224.0	751.6	14.9
3317	STEEL PIPE AND TUBES . . . . .	37.8	9.1	28.6	205.6	189.5	89	38		22.9	153.1	295.2	809.0	23.6
332	IRON AND STEEL FOUNORIES . . . . .	275.0	63.6	211.4	414.2	446.9	(NA)	(NA)		199.6	1 233.6	1 960.0	3 173.5	108.9
3321	GRAY IRON FOUNORIES . . . . .	196.3	44.6	151.7	240.8	266.0	93	86		120.5	730.3	1 168.5	1 984.9	64.8
3322	MALLEABLE IRON FOUNORIES . . . . .	21.9	4.0	17.9	29.5	29.5	85	89		22.3	142.0	204.6	317.5	16.3
3323	STEEL FOUNORIES . . . . .	56.8	15.0	41.8	143.9	151.0	90	89		56.8	361.4	586.9	871.0	27.8
333	PRIMARY NONFERROUS METALS . . . . .	272.8	88.9	184.0	591.9	468.7	(NA)	(NA)		48.8	327.8	1 012.6	3 094.2	87.4
3331	PRIMARY COPPER . . . . .	51.7	9.8	41.9	188.8	170.1	(NA)	(NA)		14.9	96.1	285.5	1 245.5	13.1
3332	PRIMARY LEAD . . . . .	18.5	4.9	13.7	93.5	77.2	(NA)	(NA)		2.6	15.0	24.9	265.1	1.0
3333	PRIMARY ZINC . . . . .	25.8	2.0	23.7	59.5	49.8	88	81		8.1	47.8	98.8	281.5	4.7
3334	PRIMARY ALUMINUM . . . . .	151.7	67.4	84.3	176.8	112.5	97	78		18.1	134.1	499.6	1 090.0	62.2
3339	PRIMARY NONFERROUS METALS, NEC. . . .	25.1	4.8	20.3	73.2	59.0	87	40		5.1	34.8	103.8	212.2	6.4
3341	SECONOARY NONFERROUS METALS . . . . .	23.6	7.5	16.1	174.6	165.0	(NA)	(NA)		15.4	96.3	228.2	1 045.5	17.9
335	NONFERROUS ROLLING AND ORAWING . . . .	470.0	97.4	372.7	1 724.2	1 655.8	(NA)	(NA)		167.0	1 094.4	2 127.7	6 612.9	191.5
3351	COPPER ROLLING AND ORAWING . . . . .	68.0	7.1	61.0	276.3	311.4	90	93		38.9	260.3	478.4	1 657.5	43.5
3352	ALUMINUM ROLLING AND ORAWING . . . . .	155.6	31.1	124.5	668.1	618.1	89	89		54.3	376.6	721.2	2 196.4	81.3
3356	NONFERROUS ROLLING AND ORAWING, NEC.	58.1	12.7	45.5	261.1	256.8	89	89		17.4	117.5	250.6	641.0	22.2
3357	NONFERROUS WIREORAWING, INSULATING .	188.3	46.5	141.8	518.7	469.3	93	89		56.4	339.9	677.5	2 117.9	44.5
336	NONFERROUS FOUNORIES . . . . .	69.4	16.9	52.5	171.4	169.6	(NA)	(NA)		69.2	412.1	656.5	1 230.5	30.6
3361	ALUMINUM CASTINGS . . . . .	38.7	8.9	29.8	67.2	64.8	83	85		36.2	222.8	343.9	640.2	18.4
3362	BRASS, BRONZE, AND COPPER CASTINGS .	12.4	3.4	9.1	52.5	53.7	83	82		15.3	86.3	144.1	287.5	5.4
3369	NONFERROUS CASTINGS, NEC. . . . .	18.2	4.6	13.6	51.7	51.1	83	82		17.7	102.9	168.5	302.7	6.8
339	MISC. PRIMARY METAL PRODUCTS . . . . .	112.4	25.8	86.6	318.6	322.1	(NA)	(NA)		57.6	402.1	658.9	1 318.8	35.7
3391	IRON AND STEEL FORGINGS . . . . .	45.0	10.4	34.6	200.1	211.3	90	72		36.3	259.8	395.3	868.9	17.5
3392	NONFERROUS FORGINGS . . . . .	32.4	8.8	23.7	72.2	69.4	67	54		6.3	47.6	71.4	165.1	4.7
3399	PRIMARY METAL PRODUCTS, NEC. . . . .	35.0	6.7	28.3	46.3	41.4	97	85		15.0	94.7	192.2	284.7	13.5
34	FABRICATED METAL PRODUCTS . . . . .	1 118.4	284.2	834.2	5 654.4	5 429.9	(NA)	(NA)		1 131.1	6 834.4	12 691.1	24 883.3	610.2
3411	METAL CANS . . . . .	99.2	11.8	87.3	449.6	390.6	90	98		53.2	377.0	830.5	2 075.0	66.5
342	CUTLERY, HANDTOOLS, AND HARWARE . . .	120.0	26.8	93.2	664.8	631.0	(NA)	(NA)		136.5	799.5	1 707.6	2 736.9	100.6
3421	CUTLERY . . . . .	11.5	1.5	9.9	62.8	60.2	79	95		11.8	64.3	214.0	283.4	12.4
3423	HAND AND EDGE TOOLS, NEC. . . . .	23.3	6.8	16.5	177.5	166.3	93	85		31.5	176.8	364.3	565.6	11.0
3425	HANDSAWS AND SAW BLADES . . . . .	3.9	.9	3.0	35.0	33.9	90	82		5.1	29.1	65.6	102.8	6.3
3429	HARWARE, NEC. . . . .	81.3	17.6	63.7	389.5	370.6	91	95		88.1	529.2	1 063.7	1 785.1	71.0
343	PLUMBING AND HEATING EXC. ELECTRIC	47.1	14.0	33.1	369.7	364.0	(NA)	(NA)		68.1	391.4	790.4	1 588.5	30.2
3431	METAL SANITARY WARE . . . . .	7.6	1.5	6.2	43.0	44.4	83	89		11.0	68.2	139.9	234.9	5.9
3432	PLUMBING FITTINGS AND BRASS GOODS . .	8.2	2.1	6.1	90.5	96.4	93	86		15.1	79.3	154.8	333.8	6.5
3433	HEATING EQUIPMENT, EXCEPT ELECTRIC .	31.3	10.4	20.8	236.2	223.2	77	80		42.0	243.9	495.7	1 019.8	17.8
344	FABRICATED STRUCTURAL METAL PROO. . .	257.6	92.4	165.2	1 815.4	1 816.8	(NA)	(NA)		325.5	1 922.7	3 219.9	7 069.9	126.1
3441	FABRICATED STRUCTURAL STEEL . . . . .	76.6	28.8	47.8	599.8	639.8	89	91		85.4	527.2	814.8	1 916.0	28.2
3442	METAL DOORS, SASH, AND TRIM . . . . .	24.3	7.6	16.7	208.9	205.9	91	94		62.8	324.8	570.4	1 253.8	21.3
3443	FABRICATED PLATEWORK (BOILER SHOPS) .	81.9	28.6	53.3	510.6	488.8	91	85		75.0	465.4	770.1	1 623.0	32.9
3444	SHEET METALWORK . . . . .	44.4	14.8	29.7	254.2	246.6	88	83		61.7	373.3	632.4	1 303.7	26.2
3446	ARCHITECTURAL METALWORK . . . . .	7.4	2.7	4.8	60.0	56.7	83	77		15.6	87.0	148.8	269.3	6.1
3449	MISCELLANEOUS METALWORK . . . . .	23.0	10.0	13.0	181.9	179.0	89	77		25.0	145.0	283.4	704.2	11.5
345	SCREW MACHINE PRODUCTS, BOLTS, ETC	120.4	27.2	93.2	414.4	384.7	(NA)	(NA)		94.5	584.2	1 054.3	1 807.2	50.1
3451	SCREW MACHINE PRODUCTS . . . . .	49.7	9.5	40.2	93.6	90.7	96	90		36.9	213.2	359.0	589.0	18.7
3452	BOLTS, NUTS, RIVETS, AND WASHERS . .	70.7	17.7	53.0	320.8	294.1	94	90		57.6	371.0	695.3	1 218.2	31.4
3461	METAL STAMPINGS . . . . .	195.8	38.6	157.3	705.3	684.1	89	91		182.2	1 224.8	2 280.7	4 526.2	105.1
347	METAL SERVICES, NEC. . . . .	55.1	13.3	41.8	73.7	64.3	(NA)	(NA)		65.7	330.8	554.7	839.7	28.7
3471	PLATING AND POLISHING . . . . .	33.1	8.3	24.8	36.9	30.6	(15)	(15)		45.0	223.5	370.2	517.6	20.0
3479	METAL COATING AND ALLIED SERVICES . .	22.0	5.0	17.0	36.7	33.7	(15)	(15)		20.7	107.1	184.5	322.1	8.7
3481	MISC. FABRICATED WIRE PRODUCTS . . . .	37.8	9.3	28.5	171.9	168.4	93	59		55.5	297.6	539.1	1 030.9	24.8

See footnotes at end of table.

TABLE 3. General Statistics for Establishments by Industry Groups and Industries:  
1967 and 1963—Continued

Code	Industry group and industry	1967									Value added by manufacture (million dollars)	Value of shipments (million dollars)
		Companies	Establishments		All employees		Production workers					
			Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages			
										(number)		
		(number)	(number)	(number)						(million dollars)	(million dollars)	
34	FABRICATED METAL PRODUCTS--CON.											
349	MISC. FABRICATED METAL PRODUCTS. . .	2 434	2 711	1 312	188.7	1 309.0	140.6	287.3	858.3	2 591.1	<sup>24</sup> 756.6	
3491	METAL BARRELS, DRUMS, AND PAILS. . . .	91	149	96	11.6	83.5	9.1	19.4	59.9	150.6	370.7	
3492	SAFES AND VAULTS . . . . .	28	32	18	3.8	26.6	2.6	4.9	16.4	67.1	98.7	
3493	STEEL SPRINGS. . . . .	105	114	61	7.7	53.9	6.2	12.6	39.8	92.0	192.4	
3494	VALVES AND PIPE FITTINGS . . . . .	575	666	412	95.3	683.5	67.8	139.0	429.8	1 377.3	2 274.3	
3496	COLLAPSIBLE TUBES. . . . .	15	19	18	4.3	23.6	3.9	7.6	18.7	38.5	65.0	
3497	METAL FOIL AND LEAF. . . . .	59	72	46	6.6	48.7	4.8	10.3	31.1	104.9	265.5	
3498	FABRICATED PIPE AND FITTINGS. . . . .	356	393	197	18.2	129.1	13.4	27.4	86.6	238.5	508.1	
3499	FABRICATED METAL PRODUCTS, NEC. . . .	1 233	1 266	464	41.3	260.1	32.8	66.0	176.1	522.2	981.7	
35	MACHINERY, EXCEPT ELECTRICAL . . .	36 008	37 892	10 627	1 864.5	14 226.3	1 349.0	2 785.0	9 236.1	27 836.4	48 477.2	
351	ENGINES AND TURBINES . . . . .	144	182	119	99.9	819.6	72.1	147.1	540.2	1 598.1	<sup>23</sup> 136.4	
3511	STEAM ENGINES AND TURBINES . . . . .	20	27	23	36.2	318.8	24.6	49.9	195.6	582.3	1 043.2	
3519	INTERNAL COMBUSTION ENGINES, NEC . . .	129	155	96	63.7	500.8	47.5	97.2	344.6	1 015.8	2 093.2	
3522	FARM MACHINERY . . . . .	1 526	1 618	661	136.3	946.7	104.0	203.2	662.3	2 041.5	4 299.9	
353	CONSTRUCTION AND RELATED MACHINERY	2 051	2 305	1 147	272.6	2 041.3	190.2	383.4	1 291.6	4 129.9	<sup>27</sup> 865.0	
3531	CONSTRUCTION MACHINERY . . . . .	578	651	358	133.1	989.4	98.6	193.9	673.4	2 056.5	4 138.0	
3532	MINING MACHINERY . . . . .	197	212	110	21.7	156.7	14.9	29.7	95.8	308.3	622.2	
3533	OILFIELD MACHINERY . . . . .	309	360	174	32.7	240.4	21.7	46.1	143.4	502.9	799.8	
3534	ELEVATORS AND MOVING STAIRWAYS <sup>14</sup> . . .	130	144	78	13.9	107.6	8.8	18.1	63.4	196.1	319.7	
3535	CONVEYORS AND CONVEYING EQUIPMENT. .	416	446	216	27.4	213.3	16.8	35.0	112.0	415.8	763.0	
3536	HOISTS, CRANES, AND MONORAILS. . . .	139	141	71	16.8	134.3	11.6	24.1	88.0	241.6	444.4	
3537	INDUSTRIAL TRUCKS AND TRACTORS. . . .	337	351	140	27.0	199.7	17.7	36.5	115.6	408.6	778.0	
354	METALWORKING MACHINERY . . . . .	9 159	9 439	2 652	337.0	2 859.5	256.2	557.9	1 984.5	5 091.4	<sup>27</sup> 511.5	
3541	MACHINE TOOLS, METAL-CUTTING TYPES .	865	903	338	87.2	759.9	60.5	131.8	476.5	1 391.3	2 127.2	
3542	MACHINE TOOLS, METAL-FORMING TYPES .	344	350	168	29.2	249.6	20.9	46.2	165.0	437.2	714.0	
3544	SPECIAL DIES, TOOLS, JIGS, FIXTURES. .	6 532	6 615	1 531	113.6	1 032.8	95.5	214.2	800.0	1 646.7	2 202.3	
3545	MACHINE TOOL ACCESSORIES . . . . .	1 073	1 141	429	60.3	479.3	45.2	96.4	324.2	922.8	1 309.9	
3548	METALWORKING MACHINERY, NEC. . . . .	409	430	186	46.7	338.0	34.0	69.4	218.8	693.4	1 158.1	
355	SPECIAL INDUSTRY MACHINERY . . . . .	3 106	3 312	1 368	206.7	1 569.9	141.0	296.4	950.5	2 880.3	<sup>24</sup> 993.0	
3551	FOOD PRODUCTS MACHINERY. . . . .	611	642	280	32.6	249.4	22.0	45.2	147.2	502.9	830.2	
3552	TEXTILE MACHINERY. . . . .	524	560	239	39.7	253.3	29.4	62.5	169.1	404.1	711.7	
3553	WOODWORKING MACHINERY. . . . .	232	239	88	12.7	83.9	8.8	17.6	50.4	192.8	314.4	
3554	PAPER INDUSTRIES MACHINERY . . . . .	206	220	110	21.3	172.5	14.6	31.1	111.6	283.4	551.4	
3555	PRINTING TRADES MACHINERY. . . . .	485	522	165	29.2	239.6	20.1	42.2	149.2	458.7	752.3	
3559	SPECIAL INDUSTRY MACHINERY, NEC. . . .	1 085	1 129	486	71.3	571.2	46.1	97.8	323.0	1 038.4	1 833.0	
356	GENERAL INDUSTRIAL MACHINERY . . . .	3 502	3 760	1 432	279.2	2 137.0	196.6	410.5	1 353.7	4 107.2	<sup>26</sup> 923.3	
3561	PUMPS AND COMPRESSORS. . . . .	590	660	299	78.3	591.7	49.8	104.6	335.3	1 210.2	2 207.5	
3562	BALL AND ROLLER BEARINGS . . . . .	85	124	97	58.8	456.0	47.5	100.9	343.5	833.3	1 328.5	
3564	BLOWERS AND FANS . . . . .	271	287	129	21.0	149.2	14.9	31.5	93.2	302.2	525.2	
3565	INDUSTRIAL PATTERNS. . . . .	1 156	1 163	141	10.9	106.0	9.5	19.4	86.7	165.5	201.8	
3566	POWER TRANSMISSION EQUIPMENT . . . .	476	513	303	54.8	409.4	40.6	83.4	273.6	800.7	1 263.4	
3567	INDUSTRIAL FURNACES AND OVENS. . . .	246	255	117	16.1	129.3	8.9	18.3	58.2	259.4	495.7	
3569	GENERAL INDUSTRIAL MACHINERY, NEC. .	725	758	346	39.4	295.4	25.4	52.3	163.2	535.9	901.2	
357	OFFICE AND COMPUTING MACHINES. . . .	505	594	319	190.4	1 462.2	119.6	237.1	757.0	3 331.8	<sup>25</sup> 731.0	
3572	TYPEWRITERS. . . . .	20	25	17	26.0	172.1	19.9	39.3	116.6	454.7	595.5	
3573	ELECTRONIC COMPUTING EQUIPMENT. . . .	134	178	140	98.9	803.5	50.7	104.2	314.5	1 926.4	3 770.9	
3574	CALCULATING AND ACCOUNTING MACHINES. .	132	138	51	38.4	294.4	31.3	58.6	219.8	518.2	707.8	
3576	SCALES AND BALANCES. . . . .	69	76	34	6.5	45.6	4.3	8.5	24.0	90.0	140.2	
3579	OFFICE MACHINES, NEC . . . . .	170	177	77	20.7	146.6	13.5	26.6	82.1	342.5	516.6	
358	SERVICE INDUSTRY MACHINES. . . . .	1 453	1 573	680	139.6	946.8	100.7	203.1	603.4	2 125.1	<sup>24</sup> 305.0	
3581	AUTOMATIC MERCHANDISING MACHINES . .	143	150	56	10.0	59.2	7.8	14.8	39.6	140.8	248.0	
3582	COMMERCIAL LAUNDRY EQUIPMENT . . . .	109	117	54	7.5	50.9	5.4	11.2	32.5	96.4	183.1	
3585	REFRIGERATION MACHINERY. . . . .	624	682	360	94.8	640.4	69.6	141.0	423.9	1 479.8	3 101.1	
3586	MEASURING AND DISPENSING PUMPS . . . .	46	49	23	6.4	45.6	4.3	8.9	25.1	94.8	174.7	
3589	SERVICE INDUSTRY MACHINES, NEC . . . .	554	575	187	20.9	150.7	13.5	27.2	82.4	313.3	598.1	
3599	MISC. MACHINERY, EXCEPT ELECTRICAL <sup>16</sup>	15 055	15 109	2 249	202.5	1 443.1	168.8	346.2	1 092.8	2 531.2	3 712.0	
36	ELECTRICAL EQUIP. AND SUPPLIES . . . .	8 799	10 706	5 572	1 874.9	12 968.0	1 323.8	2 611.3	7 607.0	24 487.3	<sup>24</sup> 361.0	
361	ELECTRIC TEST, DISTRIBUTING EQUIP. . . .	1 027	1 218	679	175.7	1 229.5	124.1	247.7	737.4	2 508.9	<sup>24</sup> 062.4	
3611	ELECTRIC MEASURING INSTRUMENTS . . . .	502	546	274	61.5	423.9	40.4	78.7	222.3	799.7	1 184.0	
3612	TRANSFORMERS . . . . .	150	190	122	45.6	317.6	34.0	68.5	210.1	678.9	1 188.4	
3613	SWITCHGEAR AND SWITCHBOARD APPARATUS	398	482	283	68.5	488.0	49.7	100.5	304.9	1 030.3	1 690.0	
362	ELECTRICAL INDUSTRIAL APPARATUS. . . .	1 138	1 316	705	206.7	1 420.4	152.7	307.5	925.0	2 791.7	<sup>24</sup> 623.7	
3621	MOTORS AND GENERATORS. . . . .	320	409	279	112.8	764.6	85.3	172.3	514.4	1 430.8	2 402.3	
3622	INDUSTRIAL CONTROLS. . . . .	456	476	169	50.4	350.9	34.8	69.6	210.7	720.9	1 102.8	
3623	WELOING APPARATUS. . . . .	133	147	92	13.7	118.4	9.4	19.8	72.9	265.3	493.3	
3624	CARBON AND GRAPHITE PRODUCTS . . . . .	49	65	42	11.9	82.8	9.1	18.5	57.8	186.3	296.4	
3629	ELECTRICAL INDUSTRIAL APPARATUS, NEC	212	219	123	17.9	103.7	14.0	27.4	69.2	188.3	328.8	
363	HOUSEHOLD APPLIANCES . . . . .	536	637	337	169.2	1 100.5	135.2	262.1	788.2	2 540.3	<sup>25</sup> 328.4	
3631	HOUSEHOLD COOKING EQUIPMENT. . . . .	66	73	49	20.4	128.4	16.0	31.3	88.7	254.2	551.9	
3632	HOUSEHOLD REFRIGERATORS AND FREEZERS	31	36	25	53.0	377.8	43.9	84.5	290.2	794.0	1 785.4	
3633	HOUSEHOLD LAUNDRY EQUIPMENT. . . . .	25	35	28	22.2	154.2	17.8	33.7	113.8	408.4	982.5	
3634	ELECTRIC HOUSEWARES AND FANS . . . . .	248	290	143	44.6	241.1	35.5	69.1	161.0	590.4	1 112.0	
3635	HOUSEHOLD VACUUM CLEANERS. . . . .	34	34	17	9.2	58.8	7.1	13.2	39.6	181.4	293.2	
3636	SEWING MACHINES. . . . .	83	86	21	6.4	49.3	4.9	9.7	34.7	94.1	123.6	
3639	HOUSEHOLD APPLIANCES, NEC. . . . .	71	83	54	13.4	90.9	10.0	20.6	60.1	217.7	479.9	
364	ELECT. LIGHTING, AND WIRING EQUIP. . . .	1 707	1 868	879	157.1	950.4	123.1	242.3	641.9	2 214.1	<sup>23</sup> 850.3	
3641	ELECTRIC LAMPS . . . . .	72	106	65	29.5	169.9	25.8	49.9	136.0	533.4	781.8	
3642	LIGHTING FIXTURES. . . . .	1 148	1 213	524	64.6	388.0	50.0	98.8	252.6	828.6	1 593.6	
3643	CURRENT-CARRYING WIRING DEVICES. . . .	351	375	185	40.1	234.4	30.5	60.1	151.3	507.4	837.0	
3644	NONCURRENT-CARRYING WIRING DEVICES. .	158	174	105	22.9	158.1	16.8	33.5	102.0	344.7	637.9	
365	RADIO AND TV RECEIVING EQUIPMENT . . . .	604	661	260	130.2	720.1	107.2	205.6	516.6	1 586.7	<sup>24</sup> 122.7	
3651	RADIO AND TV RECEIVING SETS. . . . .	303	340	187	116.7	643.6	96.2	183.4	462.6	1 404.5	3 846.3	
3652	PHONOGRAPH RECORDS . . . . .	306	321	73	13.6	76.6	11.0	22.2	54.0	182.3	276.4	

See footnotes at end of table.



TABLE 3. General Statistics for Establishments by Industry Groups and Industries:  
1967 and 1963—Continued

Code	Industry group and industry	1967--Continued							1963					
		Capital expenditures, new <sup>1</sup>			Inventories end of--		Special- ization ratio	Cover- age ratio	All employees		Value added by manufacture	Value of shipments	Capital expendi- tures, new	
		Total	Structures and additions to plant	Machinery and equipment	1967	1966			Number	Payroll				
		(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(per- cent)	(per- cent)	(1,000)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
34	FABRICATED METAL PRODUCTS--CON.													
349	MISC. FABRICATED METAL PRODUCTS. . .	185.4	50.8	134.6	989.5	926.0	(NA)	(NA)	149.9	906.6	1 713.9	3 209.0	78.1	
3491	METAL BARRELS, DRUMS, AND PAILS. . .	15.0	2.6	12.3	57.1	53.4	92	88	10.5	66.2	119.6	303.4	6.4	
3492	SAFES AND VAULTS . . . . .	3.1	1.5	1.6	21.4	19.6	87	85-90	3.3	21.8	56.2	78.0	1.8	
3493	STEEL SPRINGS. . . . .	6.3	1.3	5.0	30.0	29.8	88	63	6.3	41.3	69.3	157.7	2.3	
3494	VALVES AND PIPE FITTINGS . . . . .	100.0	26.1	73.9	599.9	550.0	87	88	80.4	500.0	942.7	1 588.5	39.0	
3496	COLLAPSIBLE TUBES. . . . .	4.1	2.1	2.1	7.1	6.2	80	100	4.0	18.8	30.6	51.0	1.9	
3497	METAL FOIL AND LEAF. . . . .	10.6	1.9	8.7	37.4	39.1	85	56	4.1	27.1	51.6	151.6	5.7	
3498	FABRICATED PIPE AND FITTINGS . . . .	14.4	5.3	9.2	100.7	91.2	95	90	13.0	79.1	144.6	305.6	5.1	
3499	FABRICATED METAL PRODUCTS, NEC . . .	31.9	10.0	21.9	136.0	136.7	90	71	28.3	151.9	299.3	573.2	16.2	
35	MACHINERY, EXCEPT ELECTRICAL . . .	1 868.1	506.5	1 361.5	10 917.0	10 139.1	(NA)	(NA)	1 459.6	9 570.9	17 495.4	31 082.9	783.1	
351	ENGINES AND TURBINES . . . . .	163.9	47.2	116.7	728.3	687.8	(NA)	(NA)	86.6	609.3	1 113.5	2 090.0	54.1	
3511	STEAM ENGINES AND TURBINES . . . . .	66.3	17.6	48.7	314.2	293.1	83	78	30.9	237.5	379.9	616.4	19.4	
3519	INTERNAL COMBUSTION ENGINES, NEC . .	97.6	29.6	68.0	414.1	394.7	89	83	55.7	371.8	732.6	1 473.6	34.8	
3522	FARM MACHINERY . . . . .	128.5	35.1	93.3	994.6	904.1	92	94	112.6	689.1	1 328.4	2 842.2	64.4	
353	CONSTRUCTION AND RELATED MACHINERY	279.6	71.5	208.1	1 978.4	1 939.1	(NA)	(NA)	211.0	1 381.3	2 732.3	5 260.4	93.2	
3531	CONSTRUCTION MACHINERY . . . . .	184.9	44.1	140.8	1 034.2	1 030.1	88	92	104.5	683.7	1 301.3	2 696.0	56.2	
3532	MINING MACHINERY . . . . .	18.4	3.8	14.6	171.2	171.0	78	82	16.9	109.5	215.4	417.6	6.8	
3533	OILFIELD MACHINERY . . . . .	23.7	5.1	18.5	257.6	245.0	85	92	29.2	184.3	398.2	666.5	11.3	
3534	ELEVATORS AND MOVING STAIRWAYS . . .	3.9	.7	3.2	96.6	95.8	94	95	12.4	88.4	201.5	318.6	3.3	
3535	CONVEYORS AND CONVEYING EQUIPMENT. .	13.6	5.1	8.4	129.2	124.8	85	83	20.8	140.6	270.5	494.6	6.1	
3536	HOISTS, CRANES, AND MONORAILS. . . .	11.3	3.0	8.4	96.2	95.7	78	83	9.6	64.3	112.3	220.0	2.6	
3537	INDUSTRIAL TRUCKS AND TRACTORS . . .	23.9	9.6	14.2	193.4	176.7	93	86	17.6	110.4	233.1	447.0	6.7	
354	METALWORKING MACHINERY . . . . .	319.4	68.9	250.5	1 563.7	1 424.8	(NA)	(NA)	259.1	1 841.7	3 037.6	4 474.7	136.7	
3541	MACHINE TOOLS, METAL-CUTTING TYPES .	78.7	19.3	59.3	535.3	501.6	86	90	61.1	438.2	699.3	1 060.8	28.8	
3542	MACHINE TOOLS, METAL-FORMING TYPES .	26.2	5.7	20.5	207.8	187.8	85	84	22.1	161.7	281.3	441.4	10.8	
3544	SPECIAL DIES, TOOLS, JIGS, FIXTURES. .	114.7	21.3	93.4	214.2	187.0	94	74	90.9	682.7	1 029.3	1 388.8	53.3	
3545	MACHINE TOOL ACCESSORIES . . . . .	55.0	12.9	42.1	273.7	235.2	85	85	47.0	312.8	559.3	787.3	22.8	
3548	METALWORKING MACHINERY, NEC . . . . .	44.8	9.7	35.1	332.6	313.1	86	88	38.0	246.2	468.4	796.3	21.0	
355	SPECIAL INDUSTRY MACHINERY . . . . .	179.3	62.9	116.4	1 257.9	1 166.4	(NA)	(NA)	171.6	1 094.8	1 917.2	3 303.3	71.4	
3551	FOOD PRODUCTS MACHINERY. . . . .	22.0	5.7	16.2	198.0	184.4	88	86	31.7	205.4	380.4	640.5	11.0	
3552	TEXTILE MACHINERY. . . . .	22.2	7.5	14.7	185.1	185.2	94	95	36.0	196.4	314.2	542.7	13.9	
3553	WOODWORKING MACHINERY. . . . .	8.2	2.2	6.0	72.1	70.2	83	87	12.1	72.9	147.0	252.8	4.7	
3554	PAPER INDUSTRIES MACHINERY . . . . .	18.6	5.3	13.3	138.1	135.8	92	86	18.6	130.6	217.5	403.9	10.3	
3555	PRINTING TRADES MACHINERY. . . . .	32.9	11.0	21.9	217.2	178.3	98	94	23.0	159.4	285.9	446.4	8.9	
3559	SPECIAL INDUSTRY MACHINERY, NEC. . . .	75.4	31.2	44.2	447.4	412.6	82	81	50.2	330.1	572.2	1 015.0	22.5	
356	GENERAL INDUSTRIAL MACHINERY . . . .	291.4	89.9	201.5	1 553.5	1 445.4	(NA)	(NA)	233.1	1 542.0	2 812.7	4 732.8	124.5	
3561	PUMPS AND COMPRESSORS. . . . .	62.3	15.6	46.7	587.5	541.0	87	88	61.3	395.8	768.8	1 419.1	28.4	
3562	BALL AND ROLLER BEARINGS . . . . .	107.1	38.7	68.4	318.0	303.2	97	97	52.3	348.7	627.7	998.8	39.2	
3564	BLOWERS AND FANS . . . . .	14.5	4.4	10.0	84.7	84.5	85	82	15.2	94.1	180.8	315.3	7.0	
3565	INDUSTRIAL PATTERNS. . . . .	8.1	3.3	4.8	12.7	11.5	96	80	9.9	75.6	112.6	140.7	3.8	
3566	POWER TRANSMISSION EQUIPMENT . . . .	57.3	12.4	44.9	289.3	266.5	90	83	46.7	303.3	555.7	888.6	26.4	
3567	INDUSTRIAL FURNACES AND OVENS. . . . .	11.6	4.8	6.8	66.5	64.4	87	88	12.1	83.7	143.0	279.0	4.6	
3569	GENERAL INDUSTRIAL MACHINERY, NEC. . .	30.5	10.7	19.9	194.8	174.3	85	79	35.6	240.8	424.1	691.3	15.1	
357	OFFICE AND COMPUTING MACHINES. . . . .	192.7	44.0	148.7	1 480.5	1 335.2	(NA)	(NA)	137.2	945.2	1 818.4	3 502.6	119.6	
3572	TYPEWRITERS. . . . .	20.1	2.6	17.5	113.8	100.0	86	99	18.0	102.9	243.2	315.4	9.6	
3573	ELECTRONIC COMPUTING EQUIPMENT . . . .	117.1	29.8	87.3	985.6	883.7	( <sup>15</sup> )	( <sup>15</sup> )	96.4	703.2	1 286.1	2 739.5	92.6	
3574	CALCULATING AND ACCOUNTING MACHINES.	32.6	6.1	26.5	206.8	199.2	85	84	5.8	35.1	64.4	98.5	1.1	
3576	SCALES AND BALANCES. . . . .	5.1	1.6	3.5	36.1	34.5	93	96	5.8	35.1	64.4	98.5	1.1	
3579	OFFICE MACHINES, NEC . . . . .	17.8	3.9	13.9	138.1	117.7	89	77	17.0	104.1	224.7	349.2	16.3	
358	SERVICE INDUSTRY MACHINES. . . . .	134.1	48.8	85.4	991.7	891.1	(NA)	(NA)	112.6	673.9	1 369.0	2 840.5	47.3	
3581	AUTOMATIC MERCHANDISING MACHINES . .	5.5	1.0	4.5	77.8	63.9	97	88	11.7	64.8	121.4	238.0	3.5	
3582	COMMERCIAL LAUNDRY EQUIPMENT . . . . .	4.9	2.7	2.2	41.6	42.3	92	79	6.5	37.9	70.8	136.8	2.5	
3585	REFRIGERATION MACHINERY. . . . .	109.3	40.4	69.0	713.9	638.6	( <sup>15</sup> )	( <sup>15</sup> )	72.3	432.6	892.7	1 928.0	33.5	
3586	MEASURING AND DISPENSING PUMPS . . . .	3.8	.7	3.1	43.7	42.7	71	80	6.8	41.7	91.7	159.5	2.6	
3589	SERVICE INDUSTRY MACHINES, NEC . . . .	10.6	4.0	6.6	114.7	103.6	89	88	15.3	96.8	192.4	378.3	5.3	
3599	MISC. MACHINERY, EXCEPT ELECTRICAL .	179.1	38.2	140.9	368.6	345.3	93	94	135.8	793.6	1 366.3	2 036.3	71.7	
36	ELECTRICAL EQUIP. AND SUPPLIES . . . .	1 537.2	449.3	1 087.9	8 526.6	7 916.3	(NA)	(NA)	1 511.6	9 284.3	17 010.5	29 840.2	701.9	
361	ELECTRIC TEST, DISTRIBUTING EQUIP. . . .	145.6	58.6	87.0	862.4	816.3	(NA)	(NA)	132.1	822.0	1 534.6	2 565.9	50.5	
3611	ELECTRIC MEASURING INSTRUMENTS . . . .	53.7	27.7	26.0	283.9	275.8	84	79	44.7	273.6	505.3	749.2	19.2	
3612	TRANSFORMERS. . . . .	52.8	17.8	35.0	240.3	209.8	95	98	33.4	209.5	381.5	722.9	13.2	
3613	SWITCHGEAR AND SWITCHBOARD APPARATUS	39.1	13.1	26.0	338.2	330.7	89	90	54.0	338.9	647.8	1 093.7	18.2	
362	ELECTRICAL INDUSTRIAL APPARATUS. . . .	208.6	64.6	144.0	920.8	876.5	(NA)	(NA)	160.8	1 004.9	1 889.1	3 153.9	72.0	
3621	MOTORS AND GENERATORS. . . . .	102.5	28.7	73.8	457.4	436.3	83	83	94.2	583.2	993.2	1 709.8	35.8	
3622	INDUSTRIAL CONTROLS. . . . .	34.3	14.1	20.2	224.2	217.7	83	81	33.0	214.6	450.5	648.7	15.4	
3623	WELDING APPARATUS. . . . .	18.1	5.8	12.3	98.5	89.0	91	94	9.6	72.1	162.4	330.2	5.4	
3624	CARBON AND GRAPHITE PRODUCTS . . . . .	41.3	12.4	28.9	69.4	61.6	96	96	10.0	62.0	141.4	226.9	11.4	
3629	ELECTRICAL INDUSTRIAL APPARATUS, NEC	12.3	3.6	8.8	71.3	71.9	84	67	14.0	73.0	141.6	238.3	4.0	
363	HOUSEHOLD APPLIANCES . . . . .	125.1	35.4	89.6	1 001.9	987.0	(NA)	(NA)	145.8	864.0	2 097.9	4 118.4	71.3	
3631	HOUSEHOLD COOKING EQUIPMENT. . . . .	8.6	1.7	6.9										

TABLE 3. General Statistics for Establishments by Industry Groups and Industries:  
1967 and 1963—Continued

Code	Industry group and industry	1967									
		Companies	Establishments		All employees		Production workers			Value added by manufacture	Value of shipments
			Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages		
	ELECTRICAL EQUIP. AND SUPPLIES--CONTINUED										
366	COMMUNICATION EQUIPMENT. . . . .	1 183	1 402	845	525.3	4 396.7	304.5	606.4	2 050.0	6 992.5	<sup>2</sup> 11 147.0
3661	TELEPHONE AND TELEGRAPH APPARATUS. .	82	106	63	115.4	827.9	83.2	158.8	534.4	1 536.7	2 591.2
3662	RADIO AND TV COMMUNICATION EQUIPMENT	1 111	1 296	782	409.9	3 568.8	221.3	447.6	1 515.6	5 455.8	8 555.8
367	ELECTRONIC COMPONENTS, ACCESSORIES	2 026	2 439	1 410	403.4	2 435.3	293.4	576.2	1 448.9	4 359.2	<sup>2</sup> 7 452.7
3671	ELECTRON TUBES, RECEIVING TYPE . . . .	28	39	19	21.0	118.3	18.0	32.4	85.9	224.7	300.6
3672	CATHODE RAY PICTURE TUBES. . . . .	95	99	23	27.6	172.5	19.9	40.0	107.4	462.5	832.3
3673	ELECTRON TUBES, TRANSMITTING . . . . .	43	56	38	18.2	145.8	12.6	26.1	84.0	239.6	369.4
3674	SEMICONDUCTORS . . . . .	141	177	117	85.4	545.1	57.9	118.1	307.3	820.0	1 141.0
3679	ELECTRONIC COMPONENTS, NEC . . . . .	1 775	2 068	1 213	251.3	1 453.6	185.0	359.6	864.3	2 612.2	4 809.4
369	MISC. ELECTRICAL EQUIP., SUPPLIES. . .	1 018	1 165	457	107.2	715.0	83.8	163.4	499.2	1 493.9	<sup>2</sup> 2 773.7
3691	STORAGE BATTERIES. . . . .	154	232	120	19.3	133.3	15.2	30.6	97.7	259.2	577.5
3692	PRIMARY BATTERIES, DRY AND WET . . . .	32	49	36	11.0	61.0	8.9	17.6	43.2	188.7	307.6
3693	X-RAY APPARATUS AND TUBES. . . . .	78	82	41	7.9	63.3	4.3	8.7	26.3	135.7	233.2
3694	ENGINE ELECTRICAL EQUIPMENT. . . . .	239	264	132	55.4	387.4	44.2	86.3	286.8	766.0	1 364.7
3699	ELECTRICAL EQUIPMENT, NEC. . . . .	528	538	128	13.6	70.0	11.1	20.2	45.2	144.4	290.8
37	TRANSPORTATION EQUIPMENT . . . . .	6 563	7 483	3 354	1 834.1	15 173.7	1 336.5	2 745.6	9 918.2	28 173.9	<sup>2</sup> 68 512.3
371	MOTOR VEHICLES AND EQUIPMENT . . . .	2 264	2 675	1 281	739.4	5 929.9	605.5	1 218.3	4 586.4	13 666.1	<sup>2</sup> 40 339.8
3711	MOTOR VEHICLES <sup>1</sup> . . . . .	107	181	130	321.2	2 699.9	262.3	524.4	2 098.4	7 353.6	27 296.0
3714	MOTOR VEHICLE PARTS AND ACCESSORIES <sup>1</sup>	1 424	1 674	785	364.9	2 890.7	300.0	609.0	2 244.4	5 712.0	11 623.8
3713	TRUCK AND BUS BODIES . . . . .	620	641	258	30.4	192.2	24.6	49.4	138.5	331.7	706.1
3715	TRUCK TRAILERS . . . . .	147	179	108	22.9	147.1	18.3	35.5	105.1	268.8	713.9
372	AIRCRAFT AND PARTS . . . . .	1 081	1 273	832	802.0	7 209.4	489.3	1 047.6	3 792.9	11 327.0	<sup>2</sup> 21 063.9
3721	AIRCRAFT . . . . .	91	125	83	386.8	3 569.0	230.6	489.9	1 806.7	5 447.6	11 079.8
3722	AIRCRAFT ENGINES AND ENGINE PARTS. . .	205	255	202	195.4	1 778.5	112.6	245.8	875.2	2 922.1	5 289.7
3729	AIRCRAFT EQUIPMENT, NEC. <sup>2</sup> . . . . .	825	893	547	219.8	1 861.9	146.1	311.9	1 111.0	2 957.3	4 694.4
373	SHIP AND BOAT BUILDING, REPAIRING. . .	1 953	2 011	540	169.3	1 239.0	140.4	282.8	947.5	1 705.1	<sup>2</sup> 3 089.6
3731	SHIP BUILDING AND REPAIRING <sup>18</sup> . . . . .	389	415	253	138.8	1 076.0	114.2	231.0	819.4	1 430.4	2 518.2
3732	BOAT BUILDING AND REPAIRING. . . . .	1 565	1 596	287	30.5	163.0	26.2	51.8	128.1	274.8	571.4
374	RAILROAD EQUIPMENT . . . . .	105	123	85	56.6	426.7	44.4	86.3	313.8	787.9	<sup>2</sup> 2 110.6
3741	LOCOMOTIVES AND PARTS. . . . .	26	27	15	16.0	132.5	11.7	23.5	90.8	345.2	689.6
3742	RAILROAD AND STREET CARS . . . . .	79	96	70	40.6	294.2	32.7	62.8	223.1	442.7	1 420.9
3751	MOTORCYCLES, BICYCLES, AND PARTS . .	87	91	33	12.0	70.3	10.1	19.1	53.4	136.2	299.6
379	MISC. TRANSPORTATION EQUIPMENT . . .	1 146	1 310	583	54.8	298.4	46.8	91.5	224.2	551.4	<sup>2</sup> 1 608.9
3791	TRAILER COACHES. . . . .	708	856	442	43.6	237.9	37.4	73.1	180.3	434.6	1 324.5
3799	TRANSPORTATION EQUIPMENT, NEC. . . .	442	454	141	11.2	60.5	9.4	18.4	43.8	116.9	284.4
38	INSTRUMENTS AND RELATED PRODUCTS	4 020	4 453	1 614	394.3	2 821.6	265.9	530.2	1 569.0	6 418.4	<sup>2</sup> 9 907.2
3811	ENGINEERING, SCIENTIFIC INSTRUMENTS. .	642	677	282	46.1	327.1	31.4	64.0	191.2	617.4	1 000.8
382	MECHAN. MEASURING, CONTROL DEVICES	685	766	339	104.3	731.6	68.6	135.1	400.1	1 391.7	<sup>2</sup> 2 073.0
3821	MECHANICAL MEASURING DEVICES . . . .	605	661	285	72.9	520.8	45.9	89.9	268.9	972.0	1 455.1
3822	AUTOMATIC TEMPERATURE CONTROLS . . .	88	105	54	31.4	210.8	22.6	45.2	131.1	419.7	618.0
3831	OPTICAL INSTRUMENTS AND LENSES . . . .	287	303	109	20.8	163.0	13.2	27.6	86.1	283.7	406.9
384	MEDICAL INSTRUMENTS AND SUPPLIES . .	1 349	1 466	425	67.4	427.3	48.3	95.1	247.5	965.6	<sup>2</sup> 1 533.8
3841	SURGICAL AND MEDICAL INSTRUMENTS . .	298	321	138	22.0	139.6	16.4	32.8	83.5	297.4	475.4
3842	SURGICAL APPLIANCES AND SUPPLIES . . .	755	811	211	35.2	220.3	24.6	48.0	125.7	527.2	837.9
3843	DENTAL EQUIPMENT AND SUPPLIES. . . . .	314	334	76	10.2	67.4	7.3	14.3	38.3	141.0	220.5
3851	OPHTHALMIC GOODS . . . . .	432	461	142	25.6	143.4	20.7	41.1	103.4	286.4	426.0
3861	PHOTOGRAPHIC EQUIPMENT AND SUPPLIES. .	505	557	214	94.9	820.2	56.2	112.1	401.3	2 480.7	3 664.5
387	WATCHES, CLOCKS, AND WATCHCASES. . .	196	223	103	35.2	209.0	27.7	55.3	139.6	392.9	<sup>2</sup> 802.1
3871	WATCHES AND CLOCKS . . . . .	153	176	84	31.5	187.9	24.5	49.6	122.9	361.6	746.5
3872	WATCHCASES . . . . .	45	47	19	3.7	21.1	3.1	5.6	16.6	31.3	55.6
39	MISC. MANUFACTURING INDUSTRIES . . .	13 614	14 072	3 845	423.1	2 291.0	344.4	662.0	1 552.5	4 599.4	<sup>2</sup> 8 310.7
391	JEWELRY, SILVERWARE, PLATED WARE . . .	2 185	2 212	472	52.3	319.8	41.6	82.1	216.9	640.9	<sup>2</sup> 1 299.0
3911	JEWELRY, PRECIOUS METAL. . . . .	1 477	1 489	306	29.9	182.6	22.8	44.1	113.6	352.7	741.8
3912	JEWELERS' FINDINGS AND MATERIALS . . .	232	232	62	5.5	29.7	4.6	8.6	18.9	57.8	128.6
3913	LAPIDARY WORK. . . . .	296	296	22	1.9	11.8	1.7	3.0	7.9	32.4	89.5
3914	SILVERWARE AND PLATED WARE . . . . .	186	195	82	14.9	95.8	12.6	26.6	76.5	198.0	339.1
3931	MUSICAL INSTRUMENTS AND PARTS. . . . .	304	343	121	24.9	143.7	20.8	39.9	106.0	237.8	434.3
394	TOYS AND SPORTING GOODS. . . . .	2 320	2 435	874	115.9	559.0	97.1	183.5	386.3	1 205.3	<sup>2</sup> 2 208.3
3941	GAMES AND TOYS . . . . .	653	684	330	55.1	264.9	46.1	86.6	178.1	614.3	1 113.5
3942	DOLLS. . . . .	331	340	138	11.9	46.4	10.7	18.4	34.3	82.8	162.8
3943	CHILDREN'S VEHICLES, EXCEPT BICYCLES	41	45	23	3.7	19.4	3.1	6.4	13.9	38.7	78.7
3949	SPORTING AND ATHLETIC GOODS, NEC . . .	1 304	1 366	383	45.2	228.3	37.2	72.0	160.0	4 695	853.3
395	PENS, PENCILS, OFFICE, ART GOODS . . .	877	959	292	34.7	200.1	25.5	50.1	116.3	412.1	<sup>2</sup> 723.7
3951	PENS AND MECHANICAL PENCILS. . . . .	113	119	61	11.8	62.8	9.2	18.1	38.6	140.5	211.8
3952	LEAD PENCILS AND ART GOODS . . . . .	123	131	59	7.9	42.2	6.0	12.0	24.7	79.8	158.9
3953	MARKING DEVICES. . . . .	561	602	109	8.5	53.3	5.8	11.1	29.2	98.1	146.3
3955	CARBON PAPER AND INKED RIBBONS . . . .	87	107	63	6.5	41.8	4.4	9.0	23.8	93.8	206.8
396	COSTUME JEWELRY AND NOTIONS. . . . .	1 569	1 608	485	51.6	251.9	43.9	84.3	175.9	528.0	<sup>2</sup> 927.3
3961	COSTUME JEWELRY. . . . .	763	764	206	22.4	106.9	19.4	36.7	73.8	220.5	376.5
3962	ARTIFICIAL FLOWERS . . . . .	319	321	79	5.2	20.2	4.6	7.9	14.8	43.3	84.7
3963	BUTTONS. . . . .	227	234	62	4.8	23.7	4.1	8.0	16.8	46.1	80.8
3964	NEEDLES, PINS, AND FASTENERS . . . . .	262	289	138	19.2	101.1	15.9	31.8	70.5	218.1	385.3

See footnotes at end of table.



TABLE 3. General Statistics for Establishments by Industry Groups and Industries:  
1967 and 1963—Continued

Code	Industry group and industry	1967--Continued								1963				
		Capital expenditures, new <sup>1</sup>			Inventories end of--		Special- ization ratio	Cover- age ratio		All employees		Value added by manufacture	Value of shipments	Capital expendi- tures, new
		Total	Structures and additions to plant	Machinery and equipment	1967	1966				Number	Payroll			
		(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(per- cent)	(per- cent)		(1,000)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
36	ELECTRICAL EQUIP. AND SUPPLIES-- CONTINUED													
366	COMMUNICATION EQUIPMENT. . . . .	356.9	93.4	263.5	2 651.3	2 210.6	(NA)	(NA)		476.9	3 394.6	5 341.5	8 882.0	193.9
3661	TELEPHONE AND TELEGRAPH APPARATUS. . .	110.9	23.0	87.9	536.4	491.1	88	96		89.5	554.4	1 013.8	1 736.4	55.1
3662	RADIO AND TV COMMUNICATION EQUIPMENT	246.0	70.4	175.6	2 114.9	1 719.5	89	90		387.4	2 840.2	4 327.7	7 145.6	138.7
367	ELECTRONIC COMPONENTS, ACCESSORIES	373.3	99.1	274.2	1 285.8	1 247.7	(NA)	(NA)		288.4	1 535.7	2 508.1	3 909.8	175.9
3671	ELECTRON TUBES, RECEIVING TYPE . . .	7.0	1.4	5.6	27.9	32.7	85	94		25.8	136.8	250.7	321.1	5.6
3672	CATHODE RAY PICTURE TUBES. . . . .	46.0	7.4	38.6	85.3	95.5	92	98		10.9	66.9	128.4	269.1	16.1
3673	ELECTRON TUBES, TRANSMITTING. . . . .	13.1	3.5	9.6	84.7	84.4	79	72		18.7	129.3	204.6	299.5	13.3
3674	SEMICONDUCTORS. . . . .	131.1	42.0	89.1	214.1	199.5	92	87		56.3	320.9	467.0	687.8	52.4
3679	ELECTRONIC COMPONENTS, NEC. . . . .	176.1	44.8	131.3	873.8	835.6	83	85		176.7	881.9	1 457.4	2 332.2	88.5
369	MISC. ELECTRICAL EQUIP., SUPPLIES.	103.6	32.0	71.6	412.4	395.8	(NA)	(NA)		83.7	494.5	1 042.4	1 946.2	37.0
3691	STORAGE BATTERIES. . . . .	14.8	3.1	11.7	92.1	94.4	99	97		17.5	108.7	244.2	516.5	12.0
3692	PRIMARY BATTERIES, DRY AND WET . . .	20.2	9.2	11.0	45.4	41.4	97	86		8.5	40.6	113.8	195.3	4.1
3693	X-RAY APPARATUS AND TUBES. . . . .	11.2	7.6	3.6	56.1	48.2	93	86		6.2	43.8	86.5	143.7	2.1
3694	ENGINE ELECTRICAL EQUIPMENT. . . . .	45.9	9.2	36.8	177.0	170.0	81	85		40.6	250.2	496.7	900.7	15.5
3699	ELECTRICAL EQUIPMENT, NEC. . . . .	11.5	2.9	8.6	41.8	41.8	93	50		10.9	51.2	101.2	190.0	3.3
37	TRANSPORTATION EQUIPMENT . . . . .	1 822.4	545.1	1 277.3	12 323.4	9 996.4	(NA)	(NA)		1 548.4	11 380.6	21 817.8	53 505.5	981.1
371	MOTOR VEHICLES AND EQUIPMENT . . . .	870.5	227.5	643.0	3 527.4	3 479.8	(NA)	(NA)		643.8	4 741.3	11 868.9	35 326.2	614.5
3711	MOTOR VEHICLES. . . . .	263.2	74.1	189.1	1 802.3	1 773.0	96	99		599.9	4 495.1	11 433.9	34 333.8	602.7
3714	MOTOR VEHICLE PARTS AND ACCESSORIES.	572.0	136.2	435.8	1 468.5	1 461.0	90	88		24.5	133.3	229.5	476.7	6.6
3713	TRUCK AND BUS BODIES. . . . .	13.0	5.3	7.7	126.9	122.0	85	92		19.4	112.9	205.5	515.7	5.3
3715	TRUCK TRAILERS. . . . .	22.3	11.9	10.4	129.7	123.8	94	91						
372	AIRCRAFT AND PARTS. . . . .	798.9	252.3	546.6	7 276.7	5 133.6	(NA)	(NA)		676.7	5 228.3	7 831.2	13 700.8	294.2
3721	AIRCRAFT. . . . .	408.2	163.0	245.3	5 253.3	3 163.5	83	97		302.2	2 369.4	3 542.7	6 316.5	114.7
3722	AIRCRAFT ENGINES AND ENGINE PARTS. .	224.4	50.0	174.4	1 056.7	1 058.3	88	92		188.1	1 460.7	2 208.2	4 024.9	111.5
3729	AIRCRAFT EQUIPMENT, NEC. . . . .	166.3	39.4	127.0	966.7	911.8	78	64		186.4	1 398.2	2 080.3	3 359.4	67.9
373	SHIP AND BOAT BUILDING, REPAIRING.	86.1	41.9	44.2	915.9	743.8	(NA)	(NA)		139.5	898.4	1 192.8	2 040.0	37.9
3731	SHIP BUILDING AND REPAIRING. . . . .	70.3	33.9	36.5	800.3	633.3	95	98		114.6	782.3	1 009.7	1 679.8	24.5
3732	BOAT BUILDING AND REPAIRING. . . . .	15.8	8.1	7.7	115.5	110.5	96	91		24.9	116.1	183.1	360.2	13.5
374	RAILROAD EQUIPMENT. . . . .	40.5	11.4	29.1	389.2	447.4	(NA)	(NA)		45.0	301.7	541.4	1 365.1	18.1
3741	LOCOMOTIVES AND PARTS. . . . .	10.8	3.2	7.7	119.7	119.2	80-85	92		14.3	99.7	186.2	437.9	7.2
3742	RAILROAD AND STREET CARS. . . . .	29.6	8.3	21.4	269.5	328.2	95	95		30.7	202.0	355.2	927.2	10.9
3751	MOTORCYCLES, BICYCLES, AND PARTS . .	5.5	2.0	3.5	60.3	51.4	89	96		9.7	48.4	82.2	192.9	3.2
379	MISC. TRANSPORTATION EQUIPMENT . .	21.0	10.0	11.0	153.9	140.4	(NA)	(NA)		33.7	162.5	301.3	880.5	13.3
3791	TRAILER COACHES. . . . .	14.6	7.6	7.0	112.9	103.2	99	99		25.7	125.0	232.5	713.1	9.6
3799	TRANSPORTATION EQUIPMENT, NEC. . . .	6.4	2.4	4.0	41.1	37.2	94	75		8.0	37.5	68.8	167.4	3.7
38	INSTRUMENTS AND RELATED PRODUCTS	392.2	145.2	247.0	1 978.1	1 833.1	(NA)	(NA)		305.4	1 912.5	3 992.2	6 117.9	191.9
3811	ENGINEERING, SCIENTIFIC INSTRUMENTS.	21.8	6.8	14.9	218.6	189.7	88	73		33.1	208.2	358.6	553.9	16.2
382	MECHAN. MEASURING, CONTROL DEVICES	58.3	19.0	39.3	514.6	505.0	(NA)	(NA)		94.1	581.2	1 111.6	1 670.8	41.1
3821	MECHANICAL MEASURING DEVICES. . . .	45.1	17.2	27.9	390.0	371.9	86	82		62.4	388.9	732.5	1 143.4	30.9
3822	AUTOMATIC TEMPERATURE CONTROLS . . .	13.2	1.7	11.4	124.6	133.1	81	91		31.7	192.3	379.1	527.4	10.5
3831	OPTICAL INSTRUMENTS AND LENSES . . .	15.8	5.1	10.8	91.9	85.0	87	74		11.9	79.1	131.9	196.0	6.2
384	MEDICAL INSTRUMENTS AND SUPPLIES .	53.5	20.0	33.5	301.5	262.4	(NA)	(NA)		51.4	291.2	634.8	1 028.5	31.1
3841	SURGICAL AND MEDICAL INSTRUMENTS . .	18.5	8.2	10.3	101.6	83.2	91	69		15.1	83.3	168.6	284.0	10.5
3842	SURGICAL APPLIANCES AND SUPPLIES . .	30.5	10.6	19.9	154.0	138.7	80	86		28.3	161.8	370.3	596.7	17.8
3843	DENTAL EQUIPMENT AND SUPPLIES. . . .	4.5	1.2	3.3	45.9	40.5	94	94		8.0	46.1	95.9	147.8	2.7
3851	OPHTHALMIC GOODS. . . . .	14.5	2.8	11.7	97.8	94.4	88	95		20.3	96.4	177.9	272.7	9.1
3861	PHOTOGRAPHIC EQUIPMENT AND SUPPLIES.	217.9	89.8	128.1	568.6	524.5	95	97		64.9	498.8	1 270.1	1 851.2	78.6
387	WATCHES, CLOCKS, AND WATCHCASES. .	10.4	1.8	8.7	185.1	172.1	(NA)	(NA)		29.7	157.6	307.3	544.8	9.2
3871	WATCHES AND CLOCKS. . . . .	9.5	1.7	7.8	176.8	163.3	85	90		27.0	144.2	288.1	511.2	8.7
3872	WATCHCASES. . . . .	.9	.1	.8	8.3	8.8	78	96		2.7	13.4	19.2	33.6	.5
39	MISC. MANUFACTURING INDUSTRIES .	213.5	73.4	140.0	1 447.2	1 359.7	(NA)	(NA)		390.7	1 812.1	3 562.5	6 495.7	131.0
391	JEWELRY, SILVERWARE, PLATED WARE .	14.1	3.2	10.8	270.4	244.8	(NA)	(NA)		43.1	225.6	415.7	858.7	8.1
3911	JEWELRY, PRECIOUS METAL. . . . .	5.9	1.8	4.2	148.1	135.4	91	96		23.6	125.6	234.9	481.9	3.7
3912	JEWELERS' FINDINGS AND MATERIALS . .	1.9	.5	1.4	19.9	18.4	90	94		4.8	20.8	34.0	72.8	1.3
3913	LAPIDARY WORK. . . . .	.6	.1	.5	19.4	16.3	95	78		1.5	8.3	16.1	65.1	.4
3914	SILVERWARE AND PLATED WARE . . . . .	5.7	.9	4.8	83.0	74.8	95	99		13.2	70.9	130.7	238.9	2.7
3931	MUSICAL INSTRUMENTS AND PARTS. . . .	10.6	5.4	5.2	123.6	118.6	97	98		20.1	103.0	179.0	314.4	5.8
394	TOYS AND SPORTING GOODS. . . . .	62.1	20.7	41.4	407.8	390.7	(NA)	(NA)		113.0	460.9	978.5	1 826.8	51.1
3941	GAMES AND TOYS. . . . .	33.7	12.3	21.4	159.4	169.4	88	96		51.8	206.7	444.1	796.6	27.7
3942	DOLLS. . . . .	2.4	.3	2.1	16.4	17.3	99+	70		16.2	59.0	138.1	247.9	6.3
3943	CHILDREN'S VEHICLES, EXCEPT BICYCLES	3.5	1.7	1.9	13.9	12.5	81	61		4.5	19.4	35.3	77.5	1.9
3949	SPORTING AND ATHLETIC GOODS, NEC. . .	22.5	6.5	16.0	218.1	191.5	95	91		40.5	175.8	361.0	704.7	15.3
395	PENS, PENCILS, OFFICE, ART GOODS .	23.0	7.3	15.8	122.7	113.1	(NA)	(NA)		31.6	159.8	337.8	589.5	10.1
3951	PENS AND MECHANICAL PENCILS. . . . .	6.8	.9	5.9	37.7	32.7	93	92		11.6	55.0	119.1	185.5	4.1
3952	LEAD PENCILS AND ART GOODS. . . . .	4.6	2.1	2.5	36.4	33.7	85	93		6.9	31.9	64.7	121.6	1.6
3953	MARKING DEVICES. . . . .	6.4	3.5	2.9	17.8	16.5	90	91		7.6	41.4	85.6	126.8	2.2
3955	CARBON PAPER AND INKED RIBBONS . . .	5.3	.7	4.5	30.9	30.2	94	79		5.5	31.5	68.4	155.5	2.3
396	COSTUME JEWELRY AND NOTIONS. . . .	21.7	4.3	17.4	133.3	123.4	(NA)	(NA)		52.6	214.1	414.9	760.0	13.0
3961	COSTUME JEWELRY. . . . .	4.4	1.2	3.2	48.5	42.7	95	92		21.7	85.3	151.0	280.5	3.8
3962	ARTIFICIAL FLOWERS. . . . .	.7	.3	.5	11.2	10.7	97	85		5.0	16.3	29.2	60.4	.7
3963	BUTTONS. . . . .	1.2	.2	1.1	12.2	10.5	97	90		5.6	23.0	43.8	81.8	1.0
3964	NEEDLES, PINS, AND FASTENERS . . . .	15.3	2.7	12.6	61.4	59.5	93	89		20.3	89.4	190.9	337.3	7.4

See footnotes at end of table.

**TABLE 3. General Statistics for Establishments by Industry Groups and Industries:  
1967 and 1963—Continued**

Code	Industry group and industry	1967									
		Companies	Establishments		All employees		Production workers			Value added by manufacture	Value of shipments
			Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages		
		(number)	(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)
39	MISC. MANUFACTURING INDUSTRIES-- CONTINUED. . . . .										
399	MISCELLANEOUS MANUFACTURES. <sup>1</sup> . . . .	6 382	6 515	1 601	143.8	816.4	115.4	221.9	551.2	1 575.2	<sup>2</sup> 718.0
3991	BROOMS AND BRUSHES. <sup>1</sup> . . . . .	516	533	169	17.3	88.3	14.1	26.8	61.3	192.9	371.8
3993	SINGS AND ADVERTISING DISPLAYS. <sup>1</sup> . . . .	3 159	3 188	623	47.8	309.3	36.8	70.6	198.8	546.6	875.1
3994	MORTICIANS, GOODS. <sup>1</sup> . . . . .	527	563	211	16.1	90.9	13.0	26.4	60.6	161.7	306.1
3996	HARO SURFACE FLOOR COVERINGS. <sup>1</sup> . . . .	18	20	12	6.0	43.5	4.9	10.1	33.2	133.4	221.7
3999	MANUFACTURES, NEC. <sup>1</sup> . . . . .	2 165	2 211	586	56.6	284.4	46.6	88.1	197.2	540.6	943.3
19	ORONANCE AND ACCESSORIES. . . . .	324	417	285	400.4	3 528.4	214.8	439.4	1 502.2	5 587.8	9 267.7
192	AMMUNITION EXCEPT FOR SMALL ARMS	105	164	145	303.1	2 804.5	147.0	300.6	1 061.1	4 457.4	<sup>7</sup> 7 104.7
1925	COMPLETE GUIDED MISSILES . . . . .	25	65	59	201.4	2 098.7	70.2	142.9	587.0	<sup>8</sup> 3 338.8	<sup>9</sup> 4 640.5
1929	AMMUNITION EXCEPT FOR SMALL ARMS, NEC. . . . .	82	99	86	101.7	705.8	76.8	157.7	474.1	1 118.6	2 464.2
1931	TANKS AND TANKS COMPONENTS. . . . .	23	27	21	13.2	101.4	10.0	20.7	68.1	144.7	394.1
1941	SIGHTING AND FIRE CONTROL EQUIPMENT	13	13	8	4.6	40.5	2.4	5.2	18.1	63.7	101.5
1951	SMALL ARMS. . . . .	69	71	32	17.4	124.3	13.1	27.4	83.3	226.6	384.0
1961	SMALL ARMS AMMUNITION . . . . .	39	44	17	25.2	173.3	19.7	39.0	123.7	286.3	595.9
1911	GUNS HOWITZERS AND MORTARS AND										
1999	ORONANCE AND ACCESSORIES, NEC	96	98	62	36.9	284.4	22.6	46.5	147.9	409.1	687.5
--	ADMINISTRATIVE AND AUXILIARY .	-	5 460	3 119	830.9	8 727.9	-	-	-	-	-

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Includes expenditures for plants in operation and for plants under construction but not yet in operation.

<sup>2</sup>The total value of shipments for industry groups (2-and 3-digit) and a few individual industries (4-digit) includes extensive duplication arising from shipments between establishments in the same industry classification.

<sup>3</sup>Includes data only for privately-owned and/or operated establishments. Government-owned and operated establishments are excluded.

<sup>4</sup>In 1967 and 1963, in addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns reported separately for central administrative offices or auxiliary units which serve the manufacturing establishments of a company (e.g., storage warehouses, power plants, research laboratories, garages, repair shops, etc.), rather than the general public. Separate reports were obtained if these units were at different general locations from the establishments served or if they serviced more than one manufacturing establishment. The figures shown for these units do not represent a separate industry but rather a balancing total for all manufacturing industries.

<sup>5</sup>Some of the small establishments in these industries may have been misclassified as to industry. This does not significantly affect the statistics other than the number of establishments. (See section of text on scope and coverage for further explanation).

<sup>6</sup>Establishments in this industry were requested to report value of production instead of value of shipments. Consequently, the formula for computing value added by manufacture was modified to exclude any change in finished products inventories between the beginning and end of the year.

<sup>7</sup>The data for 1967 for industry 2045 exclude establishments producing self-raising, phosphated, and bromated flour which is now classified in industry 2041. However for 1963, data were included.

<sup>8</sup>Data for 1967 for industry 2396 are not strictly comparable with prior years because of misclassification of several plants. These establishments accounted for approximately 5 to 10 percent of total employment and value of shipments in 1967.

<sup>9</sup>This is a minimum percentage. The exact percentage can not be shown without disclosing figures for individual companies.

<sup>10</sup>The 1963 data for industry 2651 are not directly comparable with other years due to an undetermined number of establishments reporting sanitary containers as folding boxes. This caused such establishments to be classified incorrectly to the Folding Box Industry.

<sup>11</sup>Value added data include government-owned, contractor-operated plants which were estimated based upon averages reported for commercial establishments in prior years. Cost of materials data excluded government-owned materials furnished to government-owned, contractor-operated plants and include fuel and electricity purchased by or for the establishments. Value of shipments data include a calculated value of shipments for government-owned, contractor-operated plants comprised of adjusted value added plus the cost of fuel and electric energy. Capital expenditures, new, include expenditures for plants under construction but not in operation. Capital expenditures of government-owned, contractor-operated plants are excluded from the totals for the industry.

<sup>12</sup>Included in the coverage ratio for industry 2992 are lubricating oils and greases which are also primary to industry 2911, Petroleum Refining. A 1967 coverage ratio computed on the basis of including both industries to which lubricating oils and greases are primary would total 99 percent; 67 percent by industry 2911, and 32 percent by industry 2992. The remaining 1 percent was shipped by establishments in other industries. Computed on the basis of excluding industry 2911, the 1967 coverage ratio is 96 percent for industry 2992.



TABLE 3. General Statistics for Establishments by Industry Groups and Industries:  
1967 and 1963—Continued

Code	Industry group and industry	1967—Continued							1963				
		Capital expenditures, new <sup>1</sup>			Inventories end of—		Specialization ratio	Coverage ratio	All employees		Value added by manufacture	Value of shipments	Capital expenditures, new
		Total	Structures and additions to plant	Machinery and equipment	1967	1966			Number	Payroll			
		(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(per cent)	(per cent)	(1,000)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
39	MISC. MANUFACTURING INDUSTRIES--CONTINUED												
399	MISCELLANEOUS MANUFACTURES . . . .	81.0	32.5	49.4	389.2	369.1	(NA)	(NA)	130.3	648.6	1 236.6	2 146.3	42.8
3991	BROOMS AND BRUSHES . . . . .	10.7	3.0	7.7	69.5	68.8	90	92	16.6	73.6	167.9	321.1	4.4
3993	SIGNS AND ADVERTISING DISPLAYS . . . .	23.0	9.8	13.1	87.3	83.6	97	95	43.5	242.6	407.5	646.8	15.0
3994	MORTICIANS' GOODS . . . . .	4.2	1.7	2.5	51.4	51.0	95	98	17.3	86.2	158.4	290.0	5.5
3996	HARD SURFACE FLOOR COVERINGS . . . . .	20.6	8.0	12.6	41.8	39.0	86	97	6.2	39.0	118.8	204.1	4.4
3999	MANUFACTURES, NEC . . . . .	23.5	10.0	13.5	139.3	126.8	94	90	46.7	207.3	384.0	684.2	13.5
19	ORDNANCE AND ACCESSORIES . . . . .	200.0	63.0	137.0	1 313.5	1 078.4	(NA)	(NA)	248.6	1 982.4	2 918.6	4 859.6	88.2
192	AMMUNITION, EXCEPT FOR SMALL ARMS.	153.9	49.2	104.6	884.5	707.4	(NA)	(NA)	184.2	1 553.4	2 246.7	3 632.5	56.5
1925	COMPLETE GUIDED MISSILES . . . . .	111.4	38.0	73.4	485.4	430.2	89	86	151.6	1 351.2	1 960.9	3 129.5	48.8
1929	AMMUNITION, EXCEPT FOR SMALL ARMS, NEC . . . . .	42.5	11.2	31.2	399.1	277.2	92	85	32.6	202.2	285.8	503.0	7.6
19													
1931	TANKS AND TANK COMPONENTS . . . . .	3.3	.8	2.5	87.9	74.3	85	76	11.3	76.6	148.4	394.1	5.2
1941	SIGHTING AND FIRE CONTROL EQUIPMENT . . . .	1.3	.3	1.0	11.3	10.2	50-60	40-50	9.2	66.9	96.3	156.6	3.6
1951	SMALL ARMS . . . . .	11.2	2.0	9.2	84.4	77.5	92	94	10.0	57.3	88.3	133.0	5.1
1961	SMALL ARMS AMMUNITION . . . . .	12.6	6.2	6.4	153.8	118.8	97	99	8.9	51.9	103.8	192.5	5.5
1911	GUNS, HOWITZERS, AND MORTARS, AND												
1999	ORDNANCE INCL. ACCESSORIES, NEC . . . .	17.7	4.5	13.3	91.6	90.2	80	61	25.0	176.2	235.2	351.0	12.3
--	ADMINISTRATIVE AND AUXILIARY . . . . .	-	-	-	-	-	-	-	727.7	6 596.7	-	-	-

<sup>13</sup>Data for 1963 for industry 3461 have been revised by the inclusion of automotive stampings plants operated by automobile producing companies. The data for 1963 for industries 3711 and 3714 (previously identified as Census code 3717) have been revised by the exclusion of automotive stampings plants operated by automobile producing companies.

<sup>14</sup>The figures for 1967 for industry 3534 are not comparable with those for earlier years because some companies previously included construction receipts with value of shipments. Value added and value of shipments would have been \$50 million to \$75 million higher had they been on a basis comparable with earlier years.

<sup>15</sup>The value of shipments and cost of materials for this industry includes extensive duplication arising from shipments between establishments in the same industry classification. Accordingly, the specialization ratios and coverage ratios are not shown.

<sup>16</sup>In 1967 a number of establishments performing "machine shop jobwork" have been classified in this industry, which had previously been classified in other industries. This change in classification results mainly from the fact that a separate product code for such work (35993 11) was introduced in the 1967 Census of Manufactures. It appears that between \$400 million and \$600 million in value of shipments is accounted for by establishments which have been classified in other industries in prior years.

<sup>17</sup>The 1963 data for industry 3729 exclude establishments which were classified in industry 3723.

<sup>18</sup>Establishments in this industry reported value of work done rather than value of shipments. Consequently, the formula for computing value added by manufacture was not adjusted for inventory change between the beginning and the end of the year. It does include value added by resale.

<sup>19</sup>Industry group 399, "Miscellaneous manufactures," was previously identified as industry groups 398 and 399. The comparability of 1967 industry codes with those used in prior years is as follows:

1967 SIC	Prior year SIC	1967 SIC	Prior year SIC
3991	3981		3983
3993	3993		3984
3994	3988	3999	3987
			3992
3996	3982		3995
			3999

<sup>20</sup>Establishments in the industry were requested to report value of work done instead of value of shipments. Consequently, the formula for computing value added by manufacture was not adjusted for any inventory change between the beginning and end of the year.

<sup>21</sup>Government-owned, privately operated establishments did not enter into the calculation of "Primary product specialization ratio" or "Coverage ratio" as all dollar receipts for these establishments were included in "Miscellaneous receipts."

TABLE 4. Selected Statistics on Central Administrative Offices and Auxiliaries, by Major Industry Groups of Establishments Served: 1967

Code	Major industry group and central administrative offices and auxiliaries	Estab- lishments (number)	Employees (1,000)	Total payroll (million dollars)	Code	Major industry group and central administrative offices and auxiliaries	Estab- lishments (number)	Employees (1,000)	Total payroll (million dollars)
	TOTAL.....	546.0	830.9	8,727.9	30	Rubber and plastics products, n.e.c...	79	14.3	135.3
	Central administrative offices..	358.4	580.6	6,176.4		Central administrative offices.....	59	13.3	126.4
	Research, development, or testing.....	608	195.6	2,106.6		Research, development, or testing...	3	.8	(D)
	Storage (warehouse).....	504	15.3	91.3		Storage (warehouse).....	13	.1	(D)
	Other auxiliaries .....	764	39.4	353.6		All other functions.....	4	.1	(D)
20	Food and kindred products.....	960	76.3	764.7	31	Leather and leather products.....	68	7.9	59.4
	Central administrative offices.....	585	68.0	696.7		Central administrative offices.....	51	6.5	50.4
	Research, development, or testing...	52	4.0	39.5		Research, development, or testing...	1	(a)	(D)
	Storage (warehouse).....	117	1.9	12.3		Storage (warehouse).....	11	1.2	(D)
	All other functions.....	206	2.3	16.2		All other functions.....	5	(c)	(D)
21	Tobacco manufactures.....	61	8.0	74.4	32	Stone, clay, and glass products.....	386	30.7	308.3
	Central administrative offices.....	23	6.7	63.2		Central administrative offices.....	272	22.9	238.4
	Research, development, or testing...	4	.8	7.2		Research, development, or testing...	21	5.2	50.5
	Storage (warehouse).....	12	.2	1.0		Storage (warehouse).....	39	.8	4.3
	All other functions.....	22	.2	2.9		All other functions.....	54	1.9	15.0
22	Textile mill products.....	234	25.0	219.7	33	Primary metal industries.....	270	48.1	544.8
	Central administrative offices.....	180	21.5	195.4		Central administrative offices.....	176	43.3	499.4
	Research, development, or testing...	10	21.5	5.1		Research, development, or testing...	37	4.1	39.2
	Storage (warehouse).....	19	.6	2.9		Storage (warehouse).....	25	.1	.8
	All other functions.....	25	2.3	16.3		All other functions.....	32	.6	5.4
23	Apparel and other textile products...	239	16.2	140.0	34	Fabricated metal products.....	319	33.3	350.5
	Central administrative offices.....	166	12.8	118.8		Central administrative offices.....	234	25.1	267.9
	Research, development, or testing...	6	.2	1.6		Research, development, or testing...	20	4.7	50.9
	Storage (warehouse).....	45	2.6	12.8		Storage (warehouse).....	21	.4	2.7
	All other functions.....	22	.6	6.8		All other functions.....	44	3.1	28.9
24	Lumber and wood products.....	161	7.7	73.7	35	Machinery, except electrical.....	386	64.9	703.9
	Central administrative offices.....	128	7.0	68.8		Central administrative offices.....	251	46.8	510.3
	Research, development, or testing...	7	.4	3.1		Research, development, or testing...	59	15.8	172.7
	Storage (warehouse).....	6	.1	.4		Storage (warehouse).....	48	1.1	8.9
	All other functions.....	20	.3	1.4		All other functions.....	28	1.2	12.0
25	Furniture and fixtures.....	69	4.7	46.8	36	Electrical equipment and supplies.....	386	105.7	1,138.5
	Central administrative offices.....	57	4.4	45.1		Central administrative offices.....	242	45.2	507.7
	Research, development, or testing...	1	(c)	(D)		Research, development, or testing...	74	44.1	489.2
	Storage (warehouse).....	3	(b)	(D)		Storage (warehouse).....	31	1.6	9.4
	All other functions.....	8	1.0	.5		All other functions.....	39	14.8	132.1
26	Paper and allied products.....	184	31.8	352.3	37	Transportation equipment.....	251	101.4	1,168.7
	Central administrative offices.....	136	26.7	306.0		Central administrative offices.....	169	54.3	650.3
	Research, development, or testing...	27	4.4	40.6		Research, development, or testing...	54	43.6	485.3
	Storage (warehouse).....	6	1.0	.4		Storage (warehouse).....	11	.7	5.5
	All other functions.....	15	.7	5.3		All other functions.....	17	2.8	27.6
27	Printing and publishing.....	293	21.1	172.0	38	Instruments and related products.....	89	15.3	159.2
	Central administrative offices.....	136	17.2	143.1		Central administrative offices.....	63	12.7	135.1
	Research, development, or testing...	2	(b)	(D)		Research, development, or testing...	14	2.0	20.5
	Storage (warehouse).....	19	(f)	(D)		Storage (warehouse).....	9	(e)	(D)
	All other functions.....	136	2.1	20.1		All other functions.....	3	(b)	(D)
28	Chemicals and allied products.....	722	141.3	1,489.1	39	Miscellaneous manufacturing industries <sup>1</sup>	99	8.1	84.1
	Central administrative offices.....	445	85.2	903.4		Central administrative offices.....	65	6.5	69.9
	Research, development, or testing...	171	49.9	528.2		Research, development, or testing...	11	1.0	(D)
	Storage (warehouse).....	47	.8	5.3		Storage (warehouse).....	14	.5	3.2
	All other functions.....	59	5.4	52.2		All other functions.....	9	.1	(D)
29	Petroleum and coal products.....	204	69.1	744.4					
	Central administrative offices.....	146	54.4	581.9					
	Research, development, or testing...	34	13.9	153.1					
	Storage (warehouse).....	8	.1	(D)					
	All other functions.....	16	.1	(D)					

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

a. Less than 20 employees.  
b. 20 to 99 employees.

c. 100 to 249 employees.  
d. 250 to 499 employees.

e. 500 to 999 employees.  
f. 1,000 to 2,499 employees.

<sup>1</sup>Includes privately owned and/or operated establishments classified in Census major industry group 19, "Ordnance and Accessories." Establishments which are Government owned and operated are not included.



Table 5. Detailed Statistics by Industry Groups: 1967

Item	United States, total	Food and kindred products (SIC 20)	Tobacco manufactures (SIC 21)	Textile mill products (SIC 22)	Apparel and other textile products (SIC 23)	Lumber and wood products (SIC 24)	Furniture and fixtures (SIC 25)	Paper and allied products (SIC 26)	Printing and publishing (SIC 27)
ESTABLISHMENTS, TOTAL . . . . .NUMBER .	305 680	32 518	329	7 080	26 393	36 795	10 008	5 890	37 989
WITH 1 TO 19 EMPLOYEES. . . . .DO .	198 542	19 004	134	2 627	13 688	30 992	6 559	2 077	29 954
WITH 20 TO 99 EMPLOYEES . . . . .DO .	73 882	9 409	81	2 345	9 357	4 711	2 489	2 131	6 250
WITH 100 EMPLOYEES OR MORE. . . . .DO .	33 256	4 105	114	2 108	3 348	1 092	960	1 682	1 785
ALL EMPLOYEES, AVERAGE FOR YEAR . . . . .1,000 .	18 492.0	1 649.6	75.1	929.0	1 356.7	554.0	425.3	638.9	1 031.0
PAYROLL FOR YEAR, ALL EMPLOYEES . . . . .MILLION DOLLARS .	123 480.6	10 076.8	376.8	4 390.9	5 582.2	2 798.9	2 258.3	4 436.2	7 151.5
PRODUCTION WORKERS:									
AVERAGE FOR YEAR. . . . .1,000 .	13 955.3	1 121.7	66.2	828.2	1 200.4	495.7	357.5	507.7	631.6
MARCH . . . . .DO .	13 803.3	1 048.6	61.4	816.2	1 194.8	475.5	356.8	501.7	633.3
MAY . . . . .DO .	13 809.3	1 063.1	57.6	822.7	1 193.8	495.6	351.8	503.5	631.0
AUGUST . . . . .DO .	14 076.8	1 223.3	69.5	836.7	1 208.2	512.7	358.0	514.4	630.3
NOVEMBER. . . . .DO .	14 135.5	1 151.7	75.9	837.3	1 204.3	498.9	363.2	511.5	633.8
MAN-HOURS . . . . .MILLIONS .	27 837.6	2 259.4	125.5	1 689.7	2 178.6	977.0	715.7	1 071.2	1 196.1
JANUARY-MARCH . . . . .DO .	6 938.9	521.7	29.5	415.2	544.1	236.4	178.8	267.0	298.9
APRIL-JUNE. . . . .DO .	6 962.8	540.7	28.5	425.0	546.1	241.7	176.5	268.2	298.6
JULY-SEPTEMBER. . . . .DO .	6 848.4	612.8	32.6	414.3	538.8	252.0	176.1	265.3	296.7
OCTOBER-DECEMBER. . . . .DO .	7 088.0	584.6	34.9	434.8	549.6	246.9	184.3	270.8	302.2
WAGES . . . . .MILLION DOLLARS .	81 393.6	6 062.6	303.6	3 556.6	4 340.7	290.6	1 653.7	3 205.5	4 011.3
COST OF MATERIALS, ETC., TOTAL. . . . .DO .	298 513.7	57 540.6	2 871.7	11 741.4	11 322.1	6 231.6	3 619.6	11 292.2	7 518.5
MATERIALS, PARTS, CONTAINERS, ETC. CONSUMED . . . . .DO .	265 889.3	52 548.8	2 663.8	10 564.2	8 550.9	5 236.0	3 286.4	10 376.8	5 398.4
COST OF REALES. . . . .DO .	15 449.6	4 157.4	182.3	336.2	354.2	381.6	234.6	288.8	321.4
FUELS CONSUMED. . . . .DO .	3 974.9	345.4	7.1	105.9	27.2	115.1	21.0	367.2	32.1
PURCHASED ELECTRIC ENERGY . . . . .DO .	3 716.8	316.2	7.9	178.6	67.0	89.2	37.2	209.6	88.1
CONTRACT WORK . . . . .DO .	9 483.2	172.8	10.5	556.3	2 322.8	409.7	40.4	49.8	1 678.5
VALUE OF SHIPMENTS, INCLUDING REALES. . . . .DO .	557 398.2	83 975.2	4 903.6	19 815.2	21 326.9	11 205.7	7 749.8	20 969.9	21 738.4
VALUE OF REALES. . . . .DO .	19 527.9	5 020.2	191.0	389.9	470.3	455.8	284.9	392.2	483.8
VALUE ADDED BY MANUFACTURE. . . . .DO .	261 983.8	26 620.9	2 037.9	8 153.2	10 064.4	4 973.4	4 169.5	9 756.3	14 355.1
MANUFACTURERS' INVENTORIES:									
BEGINNING OF YEAR, TOTAL. . . . .DO .	77 726.9	7 240.2	2 303.7	2 967.3	2 672.5	1 466.4	1 080.4	2 176.0	1 667.2
FINISHED PRODUCTS . . . . .DO .	24 882.5	4 176.9	94.7	1 167.2	1 231.7	638.6	306.8	755.4	616.4
WORK IN PROCESS . . . . .DO .	25 844.0	479.9	33.9	859.4	524.6	308.3	270.6	255.6	433.1
MATERIALS, SUPPLIES, FUEL, ETC. . . . .DO .	27 000.1	2 583.3	2 175.1	940.5	916.1	519.1	503.2	1 165.1	617.5
END OF YEAR, TOTAL. . . . .DO .	84 405.5	7 748.8	2 377.9	3 093.2	2 753.0	1 465.7	1 129.8	2 262.8	1 859.8
FINISHED PRODUCTS . . . . .DO .	26 771.9	4 488.7	100.1	1 208.8	1 270.3	646.2	329.4	825.2	728.7
WORK IN PROCESS . . . . .DO .	29 107.5	514.9	33.8	897.1	546.0	299.8	287.2	264.1	456.7
MATERIALS, SUPPLIES, FUEL, ETC. . . . .DO .	28 526.2	2 745.1	2 244.1	987.2	936.9	519.7	513.4	1 173.6	674.3
EXPENDITURES FOR PLANT AND EQUIPMENT, TOTAL . . . . .DO .	22 469.9	1 820.1	54.2	785.8	226.2	465.0	210.4	1 648.2	839.5
NEW PLANT AND EQUIPMENT, TOTAL. . . . .DO .	21 503.0	1 730.1	52.9	733.1	208.3	426.0	198.0	1 585.3	788.1
NEW STRUCTURES AND ADDITIONS TO PLANT . . . . .DO .	5 714.0	466.1	11.1	166.2	57.9	88.0	85.2	301.6	209.8
NEW MACHINERY AND EQUIPMENT . . . . .DO .	15 789.0	1 264.0	41.9	566.9	150.5	338.0	112.9	1 283.8	578.3
USED PLANT AND EQUIPMENT. . . . .DO .	966.9	91.6	1.3	52.7	17.9	39.0	12.4	62.9	51.4

See footnotes at end of table.

Table 5. Detailed Statistics by Industry Groups: 1967—Continued

Item	Chemicals and allied products (SIC 28)	Petroleum and coal products (SIC 29)	Rubber and plastics products, n.e.c. (SIC 30)	Leather and leather products (SIC 31)	Stone, clay, and glass products (SIC 32)	Primary metal industries (SIC 33)	Fabricated metal products (SIC 34)	Machinery, except electrical (SIC 35)	Electrical equipment and supplies (SIC 36)
ESTABLISHMENTS, TOTAL . . . . .NUMBER . . . . .	11 799	1 880	6 456	3 685	15 580	6 837	27 418	37 892	10 706
WITH 1 TO 19 EMPLOYEES . . . . .00 . . . . .	7 451	1 176	3 334	1 718	10 669	2 755	16 677	27 265	5 134
WITH 20 TO 99 EMPLOYEES . . . . .00 . . . . .	2 935	442	2 089	1 054	3 716	2 266	7 911	7 765	2 971
WITH 100 EMPLOYEES OR MORE . . . . .00 . . . . .	1 413	262	1 033	913	1 195	1 816	2 830	2 862	2 601
ALL EMPLOYEES, AVERAGE FOR YEAR . . . . .1,000 . . . . .	841.4	141.7	516.7	328.7	589.9	1 281.0	1 341.8	1 864.5	1 874.9
PAYROLL FOR YEAR, ALL EMPLOYEES . . . . .00 . . . . .	6 443.0	1 216.5	3 286.5	1 458.8	3 825.5	9 850.9	9 319.5	14 226.3	12 968.0
PRODUCTION WORKERS:									
AVERAGE FOR YEAR . . . . .1,000 . . . . .	541.4	99.2	410.1	293.3	469.3	1 041.5	1 056.9	1 349.0	1 323.8
MARCH . . . . .00 . . . . .	540.6	95.7	404.0	291.4	454.0	1 065.7	1 044.1	1 365.2	1 337.4
MAY . . . . .00 . . . . .	541.2	99.6	389.7	287.6	469.2	1 048.5	1 052.8	1 361.0	1 300.0
AUGUST . . . . .00 . . . . .	543.3	103.2	421.9	296.9	482.2	1 031.2	1 064.1	1 337.2	1 319.8
NOVEMBER . . . . .00 . . . . .	541.1	98.7	425.1	297.5	471.6	1 020.7	1 066.4	1 332.6	1 338.1
MAN-HOURS . . . . .MILLIONS . . . . .	1 086.1	202.1	815.5	549.2	948.4	2 088.7	2 160.9	2 785.0	2 611.3
JANUARY-MARCH . . . . .00 . . . . .	272.2	47.5	206.3	138.1	226.6	546.6	535.2	724.1	670.8
APRIL-JUNE . . . . .00 . . . . .	274.2	51.7	190.1	133.7	239.0	532.4	543.8	714.8	649.0
JULY-SEPTEMBER . . . . .00 . . . . .	265.4	52.5	200.1	135.3	242.6	494.8	532.2	661.2	619.6
OCTOBER-DECEMBER . . . . .00 . . . . .	274.3	50.5	219.0	142.2	240.2	514.8	550.1	684.9	671.8
WAGES . . . . .MILLION DOLLARS . . . . .	3 555.2	786.3	2 312.5	1 147.0	2 784.1	7 457.3	6 541.6	9 236.1	7 607.0
COST OF MATERIALS, ETC., TOTAL . . . . .00 . . . . .	18 821.2	16 748.4	5 974.4	2 540.9	6 146.0	27 219.9	16 704.9	21 231.6	19 437.3
MATERIALS, PARTS, CONTAINERS, ETC. CONSUMED . . . . .00 . . . . .	16 129.9	15 464.8	5 146.7	2 247.5	4 932.9	24 444.2	14 749.8	18 516.1	17 797.9
COST OF REALES . . . . .00 . . . . .	1 317.7	742.1	554.2	137.1	498.9	718.5	(D)	1 500.5	997.3
FUELS CONSUMED . . . . .00 . . . . .	605.5	322.4	57.8	13.5	437.5	942.2	(D)	138.8	89.5
PURCHASED ELECTRIC ENERGY . . . . .00 . . . . .	582.8	134.5	117.3	20.6	200.3	693.5	(D)	217.2	(D)
CONTRACT WORK . . . . .00 . . . . .	185.3	84.6	98.5	122.2	76.4	421.7	(D)	859.0	(D)
VALUE OF SHIPMENTS, INCLUDING REALES . . . . .00 . . . . .	42 148.3	22 043.4	12 758.6	5 169.0	14 449.4	46 730.9	34 577.8	48 477.2	43 361.0
VALUE OF REALES . . . . .00 . . . . .	1 785.8	802.8	(D)	171.6	624.3	783.3	(D)	1 996.2	1 364.1
VALUE ADDED BY MANUFACTURE . . . . .00 . . . . .	23 550.1	5 425.9	6 799.5	2 626.5	8 333.4	19 978.2	18 042.6	27 836.4	24 487.3
MANUFACTURERS' INVENTORIES:									
BEGINNING OF YEAR, TOTAL . . . . .00 . . . . .	4 997.2	1 860.9	1 600.9	667.4	1 803.5	7 470.5	5 429.9	10 139.1	7 916.3
FINISHED PRODUCTS . . . . .00 . . . . .	2 435.5	1 082.8	806.6	258.1	946.9	2 009.4	1 407.5	2 749.4	1 872.9
WORK IN PROCESS . . . . .00 . . . . .	737.0	384.2	268.2	156.7	249.8	2 436.4	1 902.2	4 780.5	3 729.7
MATERIALS, SUPPLIES, FUEL, ETC. . . . .00 . . . . .	1 824.7	393.8	526.1	252.5	606.6	3 024.6	2 120.2	2 609.4	2 313.8
END OF YEAR, TOTAL . . . . .00 . . . . .	5 348.7	2 029.6	1 670.0	653.7	1 851.2	8 001.4	5 654.4	10 917.0	8 526.6
FINISHED PRODUCTS . . . . .00 . . . . .	2 614.3	1 184.5	806.7	258.1	963.0	2 208.2	1 508.5	3 073.1	2 041.9
WORK IN PROCESS . . . . .00 . . . . .	780.7	413.4	283.5	155.3	264.6	2 704.4	1 969.2	5 046.7	4 118.7
MATERIALS, SUPPLIES, FUEL, ETC. . . . .00 . . . . .	1 953.5	431.7	579.6	240.5	623.4	3 089.0	2 176.7	2 797.0	2 366.2
EXPENDITURES FOR PLANT AND EQUIPMENT, TOTAL . . . . .00 . . . . .	2 985.8	1 014.2	707.9	71.9	866.9	3 211.6	1 201.5	1 977.6	1 597.0
NEW PLANT AND EQUIPMENT, TOTAL . . . . .00 . . . . .	2 936.1	999.3	677.2	62.1	820.9	3 134.1	1 118.4	1 868.1	1 537.2
NEW STRUCTURES AND ADDITIONS TO PLANT . . . . .00 . . . . .	659.0	560.3	139.6	19.8	193.0	689.6	284.2	506.5	449.3
NEW MACHINERY AND EQUIPMENT . . . . .00 . . . . .	2 277.1	438.9	537.6	42.3	627.8	2 144.4	834.2	1 361.5	1 087.9
USED PLANT AND EQUIPMENT . . . . .00 . . . . .	49.7	14.9	30.8	9.8	46.0	77.5	83.1	109.5	59.8

See footnotes at end of table.



Table 5. Detailed Statistics by Industry Groups: 1967—Continued

Item	Transportation equipment (SIC 37)	Instruments and related products (SIC 38)	Miscellaneous manufacturing industries (SIC 39)	Ordnance and accessories (SIC 19)
ESTABLISHMENTS, TOTAL . . . . .NUMBER .	7 483	4 453	14 072	417
WITH 1 TO 19 EMPLOYEES . . . . .00 .	4 130	2 839	10 227	132
WITH 20 TO 99 EMPLOYEES . . . . .00 .	1 891	991	2 997	81
WITH 100 EMPLOYEES OR MORE . . . . .00 .	1 462	623	848	204
ALL EMPLOYEES, AVERAGE FOR YEAR . . . . .1,000 .	1 834.1	394.3	423.1	400.4
PAYROLL FOR YEAR, ALL EMPLOYEES . . . . .MILLION DOLLARS .	15 173.1	2 821.6	2 291.0	3 528.4
PRODUCTION WORKERS:				
AVERAGE FOR YEAR . . . . .1,000 .	1 336.5	265.9	344.4	214.8
MARCH . . . . .00 .	1 321.4	263.5	325.1	206.8
MAY . . . . .00 .	1 328.6	264.6	338.8	208.5
AUGUST . . . . .00 .	1 280.2	268.0	353.5	222.1
NOVEMBER . . . . .00 .	1 416.4	268.1	359.9	222.4
MAN-HOURS . . . . .MILLIONS .	2 745.6	530.2	662.0	439.4
JANUARY-MARCH . . . . .00 .	682.7	133.6	158.2	105.4
APRIL-JUNE . . . . .00 .	701.1	133.8	164.2	109.6
JULY-SEPTEMBER . . . . .00 .	653.7	127.6	165.2	110.2
OCTOBER-DECEMBER . . . . .00 .	708.1	135.4	174.4	114.3
WAGES . . . . .MILLION DOLLARS .	9 918.2	1 569.0	1 552.5	1 502.2
COST OF MATERIALS, ETC., TOTAL . . . . .00 .	40 420.0	3 591.8	3 773.4	3 766.5
MATERIALS, PARTS, CONTAINERS, ETC. CONSUMED . . . . .00 .	38 279.1	3 090.1	3 263.8	3 201.2
COST OF RESALES . . . . .00 .	(0)	360.7	333.7	(0)
FUELS CONSUMED . . . . .00 .	(0)	21.7	20.6	(0)
PURCHASED ELECTRIC ENERGY . . . . .00 .	(0)	34.1	37.9	(0)
CONTRACT WORK . . . . .00 .	(0)	85.1	117.4	(0)
VALUE OF SHIPMENTS, INCLUDING RESALES . . . . .00 .	68 512.3	9 907.2	8 310.7	9 267.8
VALUE OF RESALES . . . . .00 .	(0)	580.4	487.7	(0)
VALUE ADDED BY MANUFACTURE . . . . .00 .	28 173.9	6 418.4	4 599.4	5 587.8
MANUFACTURERS' INVENTORIES:				
BEGINNING OF YEAR, TOTAL . . . . .00 .	9 996.4	1 833.1	1 359.7	1 078.4
FINISHED PRODUCT . . . . .00 .	1 120.8	527.2	550.2	127.3
WORK IN PROCESS . . . . .00 .	6 211.4	804.9	348.4	669.1
MATERIALS, SUPPLIES, FUEL, ETC. . . . .00 .	2 664.1	501.3	461.2	281.7
END OF YEAR, TOTAL . . . . .00 .	12 323.4	1 978.1	1 447.2	1 313.5
FINISHED PRODUCTS . . . . .00 .	1 185.2	583.4	581.6	165.9
WORK IN PROCESS . . . . .00 .	8 065.6	851.9	379.1	774.7
MATERIALS, SUPPLIES, FUEL, ETC. . . . .00 .	3 072.4	542.6	486.4	373.0
EXPENDITURES FOR PLANT AND EQUIPMENT, TOTAL . . . . .00 .	1 952.8	399.0	226.5	210.7
NEW PLANT AND EQUIPMENT, TOTAL . . . . .00 .	1 822.4	392.2	213.5	200.0
NEW STRUCTURES AND ADDITIONS TO PLANT . . . . .00 .	545.1	145.2	73.4	63.0
NEW MACHINERY AND EQUIPMENT . . . . .00 .	1 277.4	247.0	140.0	137.0
USED PLANT AND EQUIPMENT . . . . .00 .	130.4	6.8	9.4	10.7

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 6. Manufacturing Employment and Payroll for Geographic Areas: 1967, 1963, and 1958

Geographic area	Year	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries	
		Employees (1,000)	Payroll (million dollars)	Employees (1,000)	Payroll (million dollars)	Employees (1,000)	Payroll (million dollars)
United States.....	1967	19,323.2	132,208.5	18,492.3	123,480.6	830.9	8,727.9
	1963	16,958.4	99,898.8	16,231.9	93,283.3	726.5	6,615.5
	1958	16,025.2	78,348.9	15,423.1	73,875.2	602.1	4,473.7
DIVISION AND STATE							
New England Division.....	1967	1,561.8	10,189.9	1,515.1	9,726.5	46.7	463.4
	1963	1,425.0	7,815.0	1,379.5	7,429.8	45.8	385.1
	1958	1,399.6	6,297.8	1,360.3	6,047.8	39.3	250.0
Maine.....	1967	110.8	577.2	110.2	572.1	0.6	5.1
	1963	99.9	438.6	99.2	433.8	0.7	4.8
	1958	98.3	377.2	97.7	373.2	0.6	4.0
New Hampshire.....	1967	94.9	512.6	94.6	509.9	0.3	2.7
	1963	84.1	378.9	83.4	373.8	0.7	5.1
	1958	79.5	297.1	78.3	292.6	1.2	4.5
Vermont.....	1967	42.5	259.1	42.2	256.9	0.3	2.2
	1963	33.7	167.9	33.5	166.1	0.3	1.8
	1958	32.5	132.5	32.3	131.7	0.2	0.8
Massachusetts.....	1967	713.6	4,646.3	685.4	4,372.8	28.2	273.5
	1963	674.0	3,712.4	646.9	3,476.5	27.2	235.9
	1958	680.6	3,070.8	657.9	2,925.5	22.7	145.3
Rhode Island.....	1967	122.3	700.4	121.0	687.4	1.3	13.0
	1963	113.9	533.4	112.6	523.2	1.3	10.2
	1958	114.5	453.1	113.4	445.6	1.1	7.5
Connecticut.....	1967	477.7	3,494.3	461.7	3,327.4	16.0	166.9
	1963	419.4	2,583.8	403.9	2,456.4	15.6	127.3
	1958	394.2	1,967.1	380.7	1,879.2	13.5	87.9
Middle Atlantic Division.....	1967	4,360.0	30,526.6	4,058.0	27,234.7	302.0	3,291.9
	1963	4,075.1	24,419.6	3,811.4	21,916.7	263.7	2,503.0
	1958	4,112.5	20,470.3	3,881.8	18,679.0	231.0	1,791.4
New York.....	1967	1,929.2	13,851.5	1,771.2	12,055.4	158.0	1,795.9
	1963	1,853.0	11,284.7	1,708.7	9,878.2	144.3	1,411.5
	1958	1,915.5	9,627.7	1,782.4	8,573.2	133.5	1,054.5
New Jersey.....	1967	881.3	6,325.4	817.9	5,673.1	63.4	652.3
	1963	829.2	5,121.3	778.0	4,665.8	51.2	455.5
	1958	795.0	4,066.5	761.9	3,822.9	33.1	243.6
Pennsylvania.....	1967	1,549.5	10,349.7	1,468.9	9,506.0	80.6	843.7
	1963	1,392.9	8,008.6	1,324.7	7,372.7	68.2	636.0
	1958	1,402.0	6,776.1	1,337.5	6,282.9	64.4	493.3
East North Central Division.....	1967	5,150.8	38,495.2	4,902.3	35,855.3	248.5	2,639.9
	1963	4,483.7	29,212.1	4,264.5	27,200.6	219.2	2,011.0
	1958	4,261.3	22,992.1	4,084.3	21,678.6	177.1	1,313.5
Ohio.....	1967	1,397.0	10,523.1	1,334.9	9,898.5	62.1	624.6
	1963	1,239.5	8,125.4	1,186.1	7,656.6	53.7	468.8
	1958	1,201.0	6,522.5	1,162.3	6,229.2	38.8	293.3
Indiana.....	1967	710.2	5,023.2	701.3	4,933.2	8.9	90.0
	1963	609.8	3,794.3	599.8	3,708.5	10.0	85.8
	1958	551.0	2,874.7	544.3	2,826.6	6.7	48.1
Illinois.....	1967	1,397.3	10,013.9	1,331.5	9,319.6	65.8	694.3
	1963	1,211.2	7,560.6	1,151.2	7,023.2	59.8	537.4
	1958	1,189.9	6,224.8	1,139.4	5,864.6	50.5	360.2
Michigan.....	1967	1,134.1	9,357.2	1,039.7	8,290.9	94.4	1,066.3
	1963	961.1	6,950.7	879.0	6,147.5	82.1	803.2
	1958	880.0	5,161.2	809.6	4,618.7	70.4	542.5
Wisconsin.....	1967	512.2	3,577.8	494.9	3,413.1	17.3	164.7
	1963	461.8	2,781.1	448.2	2,664.8	13.6	116.3
	1958	439.4	2,208.9	428.7	2,139.5	10.7	69.4
West North Central Division.....	1967	1,205.9	8,164.8	1,156.4	7,681.6	49.5	483.2
	1963	1,014.4	5,894.4	974.8	5,583.8	39.5	310.8
	1958	964.0	4,615.5	932.6	4,407.6	31.5	207.9
Minnesota.....	1967	299.8	2,106.5	275.9	1,881.3	23.9	225.2
	1963	245.9	1,478.6	230.6	1,356.0	15.3	122.6
	1958	220.8	1,094.8	209.2	1,020.2	11.6	74.6
Iowa.....	1967	210.1	1,434.6	208.8	1,320.3	1.3	14.3
	1963	178.2	1,046.7	(D)	(D)	(D)	(D)
	1958	166.1	812.5	164.5	801.7	1.6	10.8
Missouri.....	1967	452.2	3,048.9	430.8	2,831.4	21.4	217.5
	1963	391.4	2,235.2	371.7	2,080.8	19.5	154.4
	1958	380.5	1,771.1	364.0	1,659.1	16.5	112.0

See footnotes at end of table.



TABLE 6. Manufacturing Employment and Payroll for Geographic Areas: 1967, 1963, and 1958—Continued

Geographic area	Year	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries	
		Employees (1,000)	Payroll (million dollars)	Employees (1,000)	Payroll (million dollars)	Employees (1,000)	Payroll (million dollars)
DIVISION AND STATE--Continued							
West North Central Division--Continued							
North Dakota.....	1967	7.5	41.6	(D)	(D)	(D)	(D)
	1963	6.5	31.5	(D)	(D)	(D)	(D)
	1958	6.3	26.3	6.3	26.2	(Z)	(Z)
South Dakota.....	1967	15.5	92.5	(D)	(D)	(D)	(D)
	1963	13.2	70.0	13.1	69.4	.1	.5
	1958	12.9	54.8	12.9	54.8	-	-
Nebraska.....	1967	77.0	475.9	75.9	465.6	1.1	10.3
	1963	64.9	348.0	63.8	339.7	1.1	8.3
	1958	58.6	265.2	57.7	259.0	.9	6.2
Kansas.....	1967	143.8	964.8	142.0	949.3	1.8	15.5
	1963	114.3	684.4	112.8	674.0	1.5	10.5
	1958	118.8	590.8	118.0	586.6	.9	4.3
South Atlantic Division.....	1967	2,501.5	14,014.0	2,429.8	13,284.8	71.7	729.2
	1963	2,124.8	10,008.4	2,068.5	9,501.0	56.7	507.2
	1958	1,884.9	7,253.6	1,844.1	6,941.7	40.6	312.1
Delaware.....	1967	70.7	588.4	50.6	338.7	20.1	249.7
	1963	58.3	429.6	41.2	244.5	17.1	185.1
	1958	57.8	347.6	40.5	191.8	17.3	155.8
Maryland.....	1967	287.6	1,956.0	281.2	1,891.3	6.4	64.7
	1963	263.7	1,549.8	258.6	1,501.1	5.1	48.7
	1958	259.1	1,257.4	256.9	1,241.8	2.2	15.6
District of Columbia.....	1967	23.1	178.7	22.4	168.3	.7	10.4
	1963	22.1	147.6	21.3	138.8	.9	8.9
	1958	21.3	114.0	20.8	109.7	.5	4.4
Virginia.....	1967	339.8	1,905.1	331.6	1,828.1	8.2	77.0
	1963	302.1	1,432.0	295.3	1,377.1	6.8	54.9
	1958	258.1	986.5	251.9	949.0	6.2	37.6
West Virginia.....	1967	124.0	831.6	120.8	801.0	3.2	30.6
	1963	117.0	700.1	112.8	659.4	4.3	40.6
	1958	116.2	573.8	114.4	560.1	1.8	13.7
North Carolina.....	1967	643.8	3,066.1	628.9	2,924.7	14.9	141.4
	1963	530.6	2,092.1	519.1	2,002.9	11.6	89.1
	1958	461.5	1,486.7	454.9	1,443.6	6.5	43.1
South Carolina.....	1967	304.3	1,502.2	298.2	1,452.4	6.1	49.8
	1963	261.6	1,049.3	258.5	1,030.8	3.2	18.5
	1958	225.5	732.1	224.5	726.6	1.0	5.5
Georgia.....	1967	423.1	2,231.2	415.0	2,159.8	8.1	71.4
	1963	354.0	1,505.6	349.7	1,473.2	4.3	32.4
	1958	314.1	1,075.0	312.4	1,062.5	1.7	12.5
Florida.....	1967	285.1	1,754.7	281.1	1,720.5	4.0	34.2
	1963	215.4	1,102.3	212.0	1,073.2	3.4	29.0
	1958	171.3	680.5	167.8	656.6	3.4	23.9
East South Central Division.....	1967	1,091.8	5,908.7	1,076.1	5,768.6	15.7	140.1
	1963	r 887.7	r 4,112.8	874.5	4,008.4	r 13.2	r 104.4
	1958	r 779.8	r 3,072.8	767.2	2,991.8	r 12.8	r 81.1
Kentucky.....	1967	224.6	1,351.9	217.6	1,285.4	7.0	66.5
	1963	180.5	959.0	175.7	920.0	4.8	39.0
	1958	162.2	721.4	157.8	693.2	4.5	28.2
Tennessee.....	1967	418.0	2,190.0	412.8	2,145.8	5.2	44.2
	1963	r 334.9	r 1,505.2	330.8	1,479.2	r 4.1	r 26.0
	1958	r 279.3	r 1,077.0	275.8	1,058.4	r 3.5	r 18.7
Alabama.....	1967	288.8	1,602.8	268.4	1,581.4	2.4	21.4
	1963	243.8	1,162.4	240.2	1,128.3	3.6	34.1
	1958	229.8	920.0	225.4	887.2	4.5	32.8
Mississippi.....	1967	160.4	764.0	159.3	756.0	1.1	8.0
	1963	128.5	486.2	127.8	480.9	.7	5.3
	1958	108.5	354.4	108.2	353.0	.3	1.4
West South Central Division.....	1967	1,083.3	6,854.6	1,046.7	6,501.2	36.6	353.4
	1963	864.6	4,651.2	838.3	4,427.6	26.5	223.6
	1958	794.8	3,645.4	771.5	3,482.3	23.4	163.0
Arkansas.....	1967	143.6	665.6	142.2	653.6	1.4	12.0
	1963	113.6	439.6	112.8	433.4	.9	6.1
	1958	88.7	292.7	87.9	288.1	.8	4.6
Louisiana.....	1967	164.5	1,084.4	162.7	1,068.8	1.8	15.6
	1963	139.5	769.4	138.8	763.7	.8	5.8
	1958	136.9	621.4	136.4	618.1	.6	3.3

See footnotes at end of table.

TABLE 6. Manufacturing Employment and Payroll for Geographic Areas: 1967, 1963, and 1958—Continued

Geographic area	Year	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries	
		Employees (1,000)	Payroll (million dollars)	Employees (1,000)	Payroll (million dollars)	Employees (1,000)	Payroll (million dollars)
DIVISION AND STATE--Continued							
West South Central Division--Continued							
Oklahoma.....	1967	117.7	764.2	105.0	648.0	12.7	116.2
	1963	97.7	551.7	87.3	465.1	10.4	86.6
	1958	91.6	446.4	80.8	367.9	10.8	78.4
Texas.....	1967	657.5	4,340.4	636.8	4,130.8	20.7	209.6
	1963	513.8	2,890.8	499.4	2,765.4	14.4	125.1
	1958	477.6	2,284.9	466.4	2,208.2	11.2	76.7
Mountain Division.....	1967	315.1	2,123.3	308.6	2,063.2	6.5	60.1
	1963	283.7	1,706.4	278.7	1,662.7	5.0	43.7
	1958	228.7	1,145.2	(D)	(D)	(D)	(D)
Montana.....	1967	20.4	129.5	(D)	(D)	(D)	(D)
	1963	20.2	109.3	(D)	(D)	(D)	(D)
	1958	20.3	94.8	20.2	94.1	.1	.7
Idaho.....	1967	37.1	219.9	36.0	208.8	1.1	11.1
	1963	30.5	162.6	30.1	159.2	.4	3.4
	1958	27.6	128.1	27.4	126.4	.2	1.8
Wyoming.....	1967	5.9	37.1	(D)	(D)	(D)	(D)
	1963	6.8	38.0	(D)	(D)	(D)	(D)
	1958	6.4	31.6	(D)	(D)	(D)	(D)
Colorado.....	1967	104.0	730.5	101.0	702.8	3.0	27.7
	1963	93.7	596.0	91.2	573.8	2.6	22.2
	1958	77.5	405.0	75.5	390.9	2.0	14.0
New Mexico.....	1967	16.9	98.6	16.6	95.2	.3	3.4
	1963	15.3	82.1	15.2	79.7	.2	2.3
	1958	13.7	59.4	13.6	58.7	.1	.7
Arizona.....	1967	76.8	543.2	75.7	533.1	1.1	10.1
	1963	56.9	347.5	56.4	342.7	.6	4.8
	1958	40.6	213.3	40.3	211.4	.3	1.9
Utah.....	1967	47.0	314.9	46.4	310.2	.6	4.7
	1963	53.5	328.2	52.6	320.2	.9	8.1
	1958	37.6	185.9	36.7	181.0	.9	4.9
Nevada.....	1967	7.0	49.6	7.0	49.1	(Z)	.5
	1963	6.8	42.2	(D)	(D)	(D)	(D)
	1958	5.0	27.1	5.0	26.8	(Z)	.3
Pacific Division.....	1967	2,050.3	15,911.2	1,996.6	15,344.6	53.7	566.7
	1963	1,798.1	12,059.6	1,745.3	11,571.7	52.8	488.0
	1958	1,595.0	8,806.1	1,554.2	8,502.4	40.9	303.6
Washington.....	1967	270.7	2,119.0	266.6	2,075.8	4.1	43.2
	1963	224.4	1,479.1	221.3	1,454.0	3.1	25.1
	1958	215.0	1,173.3	212.0	1,157.1	3.0	16.1
Oregon.....	1967	163.1	1,082.5	160.4	1,059.3	2.7	23.2
	1963	145.2	819.6	143.1	803.0	2.0	16.6
	1958	134.0	648.6	132.6	639.7	1.4	8.9
California.....	1967	1,583.5	12,514.5	1,537.6	12,024.4	45.9	490.2
	1963	1,397.6	9,612.2	1,350.7	9,173.2	46.9	439.0
	1958	1,217.3	6,876.3	1,181.8	6,601.1	35.6	275.2
Alaska.....	1967	7.6	55.6	7.6	55.2	(Z)	.4
	1963	5.8	39.7	5.8	39.6	(Z)	.2
	1958	4.8	25.7	4.8	25.7	-	-
Hawaii.....	1967	25.4	139.6	24.4	129.9	1.0	9.7
	1963	25.1	109.0	24.3	101.9	.9	7.1
	1958	23.9	82.2	23.0	78.8	.9	3.4
STANDARD CONSOLIDATED AREAS							
Chicago, Ill.-Northwestern Indiana.....	1967	1,088.1	8,020.4	1,030.1	7,410.3	58.0	610.1
	1963	958.5	6,195.4	905.0	5,710.0	53.6	485.4
	1958	957.2	5,213.4	911.8	4,881.6	45.4	331.8
New York, N.Y.-Northeastern New Jersey.....	1967	1,818.5	12,968.2	1,643.5	10,998.6	175.0	1,969.6
	1963	1,779.3	10,767.5	1,625.5	9,279.1	153.5	1,488.0
	1958	1,797.0	9,045.3	1,660.4	7,947.7	136.5	1,097.5
STANDARD METROPOLITAN STATISTICAL AREAS <sup>1</sup>							
Abilene, Tex.....	1967	4.0	21.0	(D)	(D)	(D)	(D)
	1963	3.4	14.2	(D)	(D)	(D)	(D)
	1958	3.6	11.6	(D)	(D)	(D)	(D)
Akron, Ohio.....	1967	101.1	807.0	92.2	724.6	8.8	82.4
	1963	90.7	638.9	83.3	578.1	7.3	60.8
	1958	88.6	501.5	85.0	476.0	3.6	25.5

See footnotes at end of table.



TABLE 6. Manufacturing Employment and Payroll for Geographic Areas: 1967, 1963, and 1958—Continued

Geographic area	Year	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries	
		Employees (1,000)	Payroll (million dollars)	Employees (1,000)	Payroll (million dollars)	Employees (1,000)	Payroll (million dollars)
STANDARD METROPOLITAN STATISTICAL AREAS <sup>1</sup> --Con.							
Albany, Ga.....	1967	5.7	28.8	5.7	28.8	-	-
	1963	4.7	17.9	4.7	17.9	-	-
	1958	3.3	11.2	3.3	11.2	-	-
Albany-Schenectady-Troy, N.Y.....	1967	65.3	493.2	59.1	427.4	6.2	65.8
	1963	61.8	395.1	(D)	(D)	(D)	(D)
	1958	71.5	385.0	63.3	324.4	8.3	60.6
Albuquerque, N. Mex.....	1967	7.8	48.7	(D)	(D)	(D)	(D)
	1963	8.1	47.3	8.2	47.3	-	-
	1958	6.7	32.3	6.6	31.9	.1	.3
Allentown-Bethlehem-Easton, Pa.-N.J.....	1967	102.6	663.6	95.6	584.0	7.0	79.6
	1963	93.7	517.9	88.4	463.4	5.3	54.6
	1958	93.9	430.1	88.3	379.4	5.6	50.7
Altoona, Pa.....	1967	14.6	78.0	(D)	(D)	(D)	(D)
	1963	11.7	53.6	(D)	(D)	(D)	(D)
	1958	10.4	39.6	10.4	39.6	(Z)	(Z)
Amarillo, Tex.....	1967	4.5	26.9	4.1	23.6	.4	3.3
	1963	4.0	22.0	(D)	(D)	(D)	(D)
	1958	3.7	16.6	3.6	16.1	.1	.4
Anaheim-Santa Ana-Garden Grove, Calif.....	1967	125.8	1,106.8	124.2	1,090.1	1.6	16.7
	1963	96.9	687.3	93.7	662.8	3.2	24.5
	1958	31.8	175.9	31.2	171.2	.6	4.8
Anderson, Ind.....	1967	28.4	224.1	28.4	224.1	-	-
	1963	26.2	183.3	(D)	(D)	(D)	(D)
	1958	23.5	123.8	23.5	123.8	-	-
Ann Arbor, Mich.....	1967	35.0	288.0	32.2	255.6	2.8	32.4
	1963	25.8	188.7	25.7	187.8	.1	.9
	1958	18.8	108.1	18.1	103.1	.7	5.0
Asheville, N.C.....	1967	19.7	95.9	18.8	88.5	.9	7.4
	1963	16.5	70.1	(D)	(D)	(D)	(D)
	1958	12.2	43.8	12.2	43.8	(Z)	(Z)
Atlanta, Ga.....	1967	117.2	809.6	111.7	761.3	5.5	48.3
	1963	95.7	538.6	92.7	515.9	2.9	22.7
	1958	83.5	379.7	82.5	371.1	1.1	8.6
Atlantic City, N.J.....	1967	10.2	52.5	(D)	(D)	(D)	(D)
	1963	8.7	35.4	(D)	(D)	(D)	(D)
	1958	7.1	23.3	(D)	(D)	(D)	(D)
Augusta, Ga.-S.C.....	1967	29.3	181.1	28.7	176.9	.6	4.2
	1963	25.2	135.6	24.6	132.0	.6	3.6
	1958	23.5	105.8	23.2	104.4	.3	1.4
Austin, Tex.....	1967	7.0	34.9	(D)	(D)	(D)	(D)
	1963	5.9	25.8	(D)	(D)	(D)	(D)
	1958	5.0	18.8	4.9	18.1	.1	.7
Bakersfield, Calif.....	1967	6.0	43.0	6.0	42.7	(Z)	.3
	1963	5.8	38.4	5.8	38.1	(Z)	.3
	1958	5.5	30.4	5.3	27.6	.2	2.8
Baltimore, Md <sup>2</sup> .....	1967	209.7	1,486.1	204.9	1,439.8	4.8	46.3
	1963	190.5	1,184.3	187.5	1,158.3	3.0	26.0
	1958	197.8	1,011.4	195.9	1,000.3	1.9	11.1
Baton Rouge, La.....	1967	16.1	140.6	15.9	137.7	.2	2.9
	1963	15.3	114.9	(D)	(D)	(D)	(D)
	1958	19.0	119.5	19.0	119.3	(Z)	.1
Bay City, Mich.....	1967	12.3	83.0	(D)	(D)	(D)	(D)
	1963	9.6	61.7	9.6	61.7	-	-
	1958	9.3	50.9	9.3	50.9	-	-
Beaumont-Port Arthur-Orange, Tex.....	1967	33.2	273.4	32.4	265.0	.8	8.4
	1963	32.8	233.9	32.3	229.1	.5	4.8
	1958	32.5	195.0	32.1	191.5	.4	3.5
Billings, Mont.....	1967	2.7	19.3	(D)	(D)	(D)	(D)
	1963	2.5	15.5	(D)	(D)	(D)	(D)
	1958	2.7	14.1	2.6	13.9	(Z)	.3
Biloxi-Gulfport, Miss <sup>2</sup> .....	1967	3.2	15.8	3.2	15.8	-	-
Binghamton, N.Y.-Pa.....	1967	46.1	347.5	45.1	340.8	1.0	6.7
	1963	41.6	259.0	(D)	(D)	(D)	(D)
	1958	46.5	227.8	(D)	(D)	(D)	(D)
Birmingham, Ala <sup>2</sup> .....	1967	68.0	450.1	66.9	439.6	1.1	10.5
	1963	59.2	362.2	57.4	344.4	1.9	17.8
	1958	63.5	335.7	60.5	312.8	3.0	22.9
Bloomington-Normal, Ill. <sup>2</sup> .....	1967	6.4	41.5	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 6. Manufacturing Employment and Payroll for Geographic Areas: 1967, 1963, and 1958—Continued

Geographic area	Year	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries	
		Employees (1,000)	Payroll (million dollars)	Employees (1,000)	Payroll (million dollars)	Employees (1,000)	Payroll (million dollars)
STANDARD METROPOLITAN STATISTICAL AREAS <sup>1</sup> --Con.							
Boise City, Idaho.....	1967	3.8	24.7	3.3	19.3	.5	5.4
	1963	2.8	14.4	(D)	(D)	(D)	(D)
	1958	2.7	11.8	(D)	(D)	(D)	(D)
Boston, Mass.....	1967	316.2	2,222.3	295.4	2,011.7	20.8	210.6
	1963	293.2	1,768.8	271.8	1,578.8	21.5	190.1
	1958	301.0	1,514.8	283.1	1,400.3	17.9	114.5
Bridgeport, Conn.....	1967	79.5	585.2	77.9	568.8	1.6	16.4
	1963	67.4	419.9	65.8	406.4	1.6	13.6
	1958	64.7	331.8	62.9	319.7	1.8	12.1
Brockton, Mass.....	1967	16.5	89.9	16.0	87.1	.5	2.8
	1963	15.9	72.3	(D)	(D)	(D)	(D)
	1968	15.8	58.8	15.5	57.6	.3	1.2
Brownsville-Harlingen-San Benito, Tex.....	1967	5.4	19.3	(D)	(D)	(D)	(D)
	1963	4.8	14.9	4.8	14.9	-	-
	1958	4.1	10.9	4.1	10.9	-	-
Buffalo, N.Y.....	1967	176.2	1,354.8	173.1	1,326.1	3.1	28.7
	1963	162.9	1,104.3	158.6	1,071.0	4.3	33.3
	1958	173.9	980.7	169.9	954.5	4.0	26.2
Canton, Ohio.....	1967	62.5	452.9	59.4	423.8	3.1	29.1
	1963	53.0	343.6	50.5	322.0	2.5	21.6
	1958	51.2	269.7	50.5	265.1	.7	4.6
Cedar Rapids, Iowa.....	1967	28.3	204.4	(D)	(D)	(D)	(D)
	1963	23.8	149.1	(D)	(D)	(D)	(D)
	1958	19.0	98.6	18.9	97.7	.2	.8
Champaign-Urbana, Ill.....	1967	5.6	35.6	5.5	35.2	.1	.4
	1963	3.3	20.3	(D)	(D)	(D)	(D)
	1958	2.7	12.3	2.4	11.2	.3	1.1
Charleston, S.C.....	1967	12.3	65.9	12.1	64.6	.2	1.3
	1963	11.0	48.3	(D)	(D)	(D)	(D)
	1958	10.6	38.0	10.5	37.8	(Z)	.2
Charleston, W. Va.....	1967	20.9	166.7	19.6	152.5	1.3	14.2
	1963	21.2	159.6	(D)	(D)	(D)	(D)
	1958	21.1	127.5	20.9	125.9	.2	1.6
Charlotte, N.C.....	1967	39.3	220.6	37.2	201.3	2.1	19.3
	1963	32.8	152.4	31.0	141.7	1.8	10.7
	1958	27.7	106.7	26.7	100.3	1.0	6.4
Chattanooga, Tenn.-Ga.....	1967	51.6	308.3	50.7	302.6	.9	5.7
	1963	38.9	193.8	38.6	191.6	.3	2.3
	1958	40.9	166.1	40.7	164.9	.2	1.2
Chicago, Ill.....	1967	983.1	7,168.1	926.0	6,564.1	57.1	604.0
	1963	860.6	5,473.0	808.5	5,001.0	52.1	472.0
	1958	857.2	4,599.9	813.6	4,281.0	43.7	318.9
Cincinnati, Ohio-Ky.-Ind.....	1967	166.8	1,258.7	155.6	1,150.5	11.2	108.2
	1963	153.9	989.0	144.4	910.4	9.5	78.6
	1958	156.5	833.3	149.8	784.8	6.7	48.5
Cleveland, Ohio.....	1967	306.8	2,411.4	288.2	2,216.7	18.6	194.7
	1963	280.3	1,908.3	262.6	1,750.8	17.6	157.5
	1958	273.7	1,558.2	259.1	1,447.1	14.6	111.1
Colorado Springs, Colo.....	1967	5.8	34.3	5.6	32.4	.2	1.9
	1963	3.7	19.7	(D)	(D)	(D)	(D)
	1958	3.3	15.1	(D)	(D)	(D)	(D)
Columbia, S.C.....	1967	18.1	87.9	(D)	(D)	(D)	(D)
	1963	14.5	56.7	(D)	(D)	(D)	(D)
	1958	11.2	34.3	11.2	34.2	(Z)	.1
Columbus, Ga.-Ala.....	1967	18.1	88.3	18.1	88.3	-	-
	1963	14.3	54.2	14.3	54.2	-	-
	1958	17.1	51.2	17.1	51.2	-	-
Columbus, Ohio.....	1967	83.0	616.7	80.5	594.2	2.5	22.5
	1963	80.2	510.7	78.2	494.1	2.0	16.5
	1958	73.0	381.3	72.1	375.5	.9	5.8
Corpus Christi, Tex. <sup>2</sup> .....	1967	10.0	73.2	9.7	69.8	.3	3.4
	1963	7.8	46.6	(D)	(D)	(D)	(D)
	1958	7.7	39.8	7.5	38.2	.2	1.6
Dallas, Tex. <sup>2</sup> .....	1967	148.9	992.1	143.7	943.1	5.2	49.0
	1963	106.4	593.4	102.6	562.1	3.8	31.3
	1958	95.2	461.6	90.9	432.1	4.3	29.5
Davenport-Rock Island-Moline, Iowa-Ill.....	1967	49.3	387.1	47.6	367.0	1.7	20.1
	1963	41.1	272.5	(D)	(D)	(D)	(D)
	1958	39.1	213.7	38.3	205.2	.9	8.6

See footnotes at end of table.



TABLE 6. Manufacturing Employment and Payroll for Geographic Areas: 1967, 1963, and 1958—Continued

Geographic area	Year	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries	
		Employees (1,000)	Payroll (million dollars)	Employees (1,000)	Payroll (million dollars)	Employees (1,000)	Payroll (million dollars)
STANDARD METROPOLITAN STATISTICAL AREAS <sup>1</sup> --Con.							
Dayton, Ohio.....	1967	126.2	1,022.6	123.6	997.6	2.6	25.0
	1963	104.2	719.0	102.0	699.2	2.2	19.8
	1958	97.2	552.5	95.2	539.9	2.0	12.6
Decatur, Ill.....	1967	18.5	139.9	18.4	138.7	.1	1.2
	1963	14.0	92.2	(D)	(D)	(D)	(D)
	1958	14.1	71.7	14.0	71.2	.1	.5
Denver, Colo.....	1967	74.1	554.5	71.6	530.8	2.5	23.7
	1963	69.5	461.8	67.5	443.5	2.1	18.3
	1958	53.7	286.0	52.1	274.3	1.6	11.7
Des Moines, Iowa.....	1967	25.4	184.4	(D)	(D)	(D)	(D)
	1963	21.6	135.0	21.4	134.1	.2	.9
	1958	23.2	119.1	23.0	117.5	.2	1.7
Detroit, Mich.....	1967	584.5	5,218.8	503.8	4,296.6	80.7	922.2
	1963	493.9	3,847.2	422.3	3,140.6	71.6	706.6
	1958	467.4	2,972.1	405.0	2,480.3	62.4	491.8
Dubuque, Iowa.....	1967	12.3	91.0	12.3	91.0	-	-
	1963	10.9	70.4	10.9	70.4	-	-
	1958	10.6	55.9	10.4	55.4	.2	.6
Duluth-Superior, Minn.-Wis.....	1967	12.0	74.2	11.9	73.4	.1	.8
	1963	11.5	60.6	11.5	60.3	(Z)	.3
	1958	11.4	56.4	11.3	55.9	.1	.5
Durham, N.C. <sup>2</sup> .....	1967	13.4	72.8	12.6	64.5	.8	8.3
El Paso, Tex.....	1967	18.9	85.1	18.9	84.9	(Z)	.2
	1963	14.9	62.0	(D)	(D)	(D)	(D)
	1958	11.5	43.1	11.2	41.2	.3	1.9
Erie, Pa.....	1967	42.3	298.4	42.1	296.8	.2	1.6
	1963	36.4	220.8	35.7	215.8	.7	5.1
	1958	34.9	178.8	34.9	178.8	-	-
Eugene, Oreg.....	1967	18.2	120.4	(D)	(D)	(D)	(D)
	1963	18.3	100.9	(D)	(D)	(D)	(D)
	1958	14.1	68.3	(D)	(D)	(D)	(D)
Evansville, Ind.-Ky.....	1967	34.0	215.5	(D)	(D)	(D)	(D)
	1963	26.2	146.2	(D)	(D)	(D)	(D)
	1958	27.1	128.2	27.1	128.0	(Z)	.1
Fall River, Mass.-R.I.....	1967	21.3	93.3	(D)	(D)	(D)	(D)
	1963	23.4	88.0	(D)	(D)	(D)	(D)
	1958	23.7	74.5	(D)	(D)	(D)	(D)
Fargo-Moorhead, N. Dak.-Minn.....	1967	2.5	16.4	2.5	16.4	-	-
	1963	2.3	11.7	2.3	11.7	-	-
	1958	2.7	11.4	2.7	11.4	-	-
Fayetteville, N.C. <sup>2</sup> .....	1967	6.5	28.3	(D)	(D)	(D)	(D)
Fitchburg-Leominster, Mass.....	1967	18.3	115.6	(D)	(D)	(D)	(D)
	1963	17.5	92.1	(D)	(D)	(D)	(D)
	1958	17.0	74.0	16.9	72.8	.1	1.2
Flint, Mich.....	1967	(D)	(D)	(D)	(D)	(D)	(D)
	1963	68.9	563.5	(D)	(D)	(D)	(D)
	1958	58.8	348.1	58.7	347.4	.1	.7
Fort Lauderdale-Hollywood, Fla.....	1967	15.8	94.8	(D)	(D)	(D)	(D)
	1963	9.8	43.6	(D)	(D)	(D)	(D)
	1958	6.4	26.3	6.2	25.3	.2	1.1
Fort Smith, Ark.-Okla.....	1967	14.1	64.6	(D)	(D)	(D)	(D)
	1963	12.3	47.6	(D)	(D)	(D)	(D)
	1958	9.7	32.4	9.7	32.4	-	-
Fort Wayne, Ind.....	1967	42.9	339.0	40.5	315.6	2.4	23.4
	1963	36.1	247.0	34.1	228.3	2.0	18.7
	1958	33.3	183.5	31.3	168.8	1.9	14.8
Fort Worth, Tex.....	1967	78.4	587.4	77.5	579.9	.9	7.5
	1963	50.5	322.2	49.3	313.2	1.2	9.0
	1958	55.9	289.6	55.3	288.2	.6	1.3
Fresno, Calif.....	1967	15.5	91.7	15.4	91.0	.1	.7
	1963	14.3	75.0	14.3	74.6	.1	.3
	1958	12.5	55.3	12.4	54.8	.1	.5
Gadsden, Ala.....	1967	12.4	88.0	12.4	88.0	-	-
	1963	9.6	62.8	9.6	62.8	-	-
	1958	11.7	58.7	11.7	58.7	-	-

See footnotes at end of table.

TABLE 6. Manufacturing Employment and Payroll for Geographic Areas: 1967, 1963, and 1958—Continued

Geographic area	Year	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries	
		Employees (1,000)	Payroll (million dollars)	Employees (1,000)	Payroll (million dollars)	Employees (1,000)	Payroll (million dollars)
STANDARD METROPOLITAN STATISTICAL AREAS <sup>1</sup> --Con.							
Galveston-Texas City, Tex.....	1967	10.1	88.4	9.7	84.1	.4	4.3
	1963	9.5	71.6	(D)	(D)	(D)	(D)
	1958	10.9	66.4	10.6	63.8	.3	2.6
Gary-Hammond-East Chicago, Ind.....	1967	105.0	852.3	104.2	846.2	.8	6.1
	1963	98.0	722.4	96.5	709.1	1.4	13.3
	1958	100.0	613.5	98.3	600.6	1.7	12.9
Grand Rapids, Mich.....	1967	75.7	540.9	75.3	535.8	.4	5.1
	1963	64.6	393.2	64.3	390.7	.3	2.5
	1958	56.5	291.7	56.3	290.6	.2	1.1
Great Falls, Mont.....	1967	2.5	16.1	(D)	(D)	(D)	(D)
	1963	2.9	15.9	(D)	(D)	(D)	(D)
	1958	2.4	13.2	2.8	13.2	-	-
Green Bay, Wis.....	1967	16.2	114.8	(D)	(D)	(D)	(D)
	1963	13.5	81.7	(D)	(D)	(D)	(D)
	1958	12.2	60.0	12.2	59.7	(Z)	.3
Greensboro-Winston-Salem-Highpoint, N.C. <sup>2</sup> ...	1967	110.9	596.6	103.4	521.1	7.5	75.5
Greenville, S.C.....	1967	52.8	257.1	51.7	249.3	1.1	7.8
	1963	45.3	177.0	45.0	174.7	.3	2.3
	1958	36.8	118.6	36.6	117.2	.2	1.4
Hamilton-Middletown, Ohio.....	1967	29.5	251.7	26.8	214.3	2.7	37.4
	1963	26.2	195.1	(D)	(D)	(D)	(D)
	1958	30.9	192.0	29.2	172.5	1.7	19.5
Harrisburg, Pa.....	1967	37.9	233.1	35.3	207.5	2.6	25.6
	1963	33.5	165.1	31.4	148.3	2.0	16.8
	1958	33.4	137.0	32.5	130.5	.9	6.4
Hartford, Conn.....	1967	110.6	901.7	104.6	832.1	6.0	69.6
	1963	90.2	589.5	(D)	(D)	(D)	(D)
	1958	88.5	458.6	84.3	428.4	4.2	30.2
Honolulu, Hawaii.....	1967	19.5	107.5	18.5	98.2	1.0	9.3
	1963	18.0	80.6	(D)	(D)	(D)	(D)
	1958	16.0	55.7	15.1	52.3	.9	3.4
Houston, Tex.....	1967	138.1	1,061.8	126.9	941.9	11.2	119.9
	1963	108.6	720.3	102.5	661.9	6.1	58.4
	1958	104.5	579.4	100.5	549.4	4.0	30.0
Huntington-Ashland, W. Va.-Ky.-Ohio.....	1967	27.4	194.9	26.3	184.2	1.1	10.7
	1963	23.6	145.7	(D)	(D)	(D)	(D)
	1958	22.8	117.9	22.1	113.7	.7	4.2
Huntsville, Ala.....	1967	17.7	133.4	(D)	(D)	(D)	(D)
	1963	13.3	86.8	(D)	(D)	(D)	(D)
	1958	6.8	30.9	6.5	29.4	.2	1.5
Indianapolis, Ind. <sup>2</sup> .....	1967	134.7	1,009.7	131.2	973.9	3.5	35.8
	1963	115.8	751.2	112.5	723.8	3.3	27.4
	1958	105.6	574.3	104.1	564.3	1.5	10.0
Jackson, Mich.....	1967	19.4	146.3	19.1	143.0	.3	3.3
	1963	16.5	107.5	15.9	103.0	.6	4.4
	1958	14.9	81.0	14.9	80.9	(Z)	(Z)
Jackson, Miss.....	1967	13.8	72.1	13.4	70.0	.4	2.1
	1963	11.6	50.6	11.5	49.5	.1	1.1
	1958	11.2	41.5	11.1	41.1	.1	.4
Jacksonville, Fla.....	1967	23.1	141.8	22.7	139.2	.4	2.6
	1963	20.6	101.8	20.2	99.1	.3	2.7
	1958	19.2	77.7	19.1	76.9	.1	.9
Jersey City, N.J.....	1967	107.2	737.8	104.4	708.8	2.8	29.0
	1963	109.5	633.4	106.6	611.6	3.0	21.9
	1958	124.3	619.2	120.7	591.6	3.7	27.6
Johnstown, Pa.....	1967	25.1	161.4	(D)	(D)	(D)	(D)
	1963	23.0	128.1	(D)	(D)	(D)	(D)
	1958	23.6	110.2	23.5	108.9	.2	1.3
Kalamazoo, Mich.....	1967	30.2	235.6	28.3	213.7	1.9	21.9
	1963	25.9	171.1	24.2	154.9	1.7	16.2
	1958	25.1	136.5	24.3	132.0	.7	4.5
Kansas City, Mo.-Kans.....	1967	129.4	906.6	125.3	869.8	4.1	36.8
	1963	111.1	684.5	107.1	654.6	4.0	29.9
	1958	103.1	523.8	100.3	506.5	2.8	17.3
Kenosha, Wis.....	1967	16.3	117.4	16.3	117.4	-	-
	1963	22.5	150.5	(D)	(D)	(D)	(D)
	1958	15.5	84.7	15.4	84.1	.1	.6

See footnotes at end of table.



TABLE 6. Manufacturing Employment and Payroll for Geographic Areas: 1967, 1963, and 1958—Continued

Geographic area	Year	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries	
		Employees (1,000)	Payroll (million dollars)	Employees (1,000)	Payroll (million dollars)	Employees (1,000)	Payroll (million dollars)
STANDARD METROPOLITAN STATISTICAL AREAS <sup>1</sup> --Con.							
Knoxville, Tenn.....	1967	38.9	222.2	38.9	221.9	(Z)	.3
	1963	34.9	175.9	34.6	175.1	.2	.7
	1958	31.1	135.9	31.0	135.5	.1	.4
Lafayette, La.....	1967	2.0	10.6	(D)	(D)	(D)	(D)
	1963	1.7	7.6	(D)	(D)	(D)	(D)
	1958	1.7	6.1	(D)	(D)	(D)	(D)
Lafayette-West Lafayette, Ind. <sup>2</sup> .....	1967	10.9	79.1	(D)	(D)	(D)	(D)
Lake Charles, La.....	1967	8.2	66.3	8.1	66.0	.1	.3
	1963	7.9	53.5	(D)	(D)	(D)	(D)
	1958	7.9	45.3	(D)	(D)	(D)	(D)
Lancaster, Pa.....	1967	54.1	333.1	52.0	311.2	2.1	21.9
	1963	47.9	255.1	(D)	(D)	(D)	(D)
	1958	43.9	190.2	42.3	177.3	1.6	12.9
Lansing, Mich.....	1967	36.4	307.4	36.3	306.8	.1	.6
	1963	28.4	220.0	28.1	217.4	.3	2.6
	1958	25.8	150.9	24.7	144.9	1.1	6.0
Laredo, Tex.....	1967	.7	2.7	.7	2.7	-	-
	1963	.9	2.7	.9	2.7	-	-
	1958	.9	2.2	.9	2.1	-	-
Las Vegas, Nev.....	1967	3.9	28.4	3.9	28.4	-	-
	1963	3.9	24.9	3.9	24.9	-	-
	1958	2.4	13.7	2.4	13.7	-	-
Lawrence-Haverhill, Mass.-N.H.....	1967	39.9	245.3	39.5	240.1	.4	5.2
	1963	42.0	214.3	(D)	(D)	(D)	(D)
	1958	36.4	149.3	36.1	147.1	.3	2.2
Lawton, Okla.....	1967	1.2	5.8	1.2	5.8	-	-
	1963	1.0	4.5	1.0	4.5	-	-
	1958	.8	2.9	(D)	(D)	(D)	(D)
Lewiston-Auburn, Maine.....	1967	13.5	60.1	(D)	(D)	(D)	(D)
	1963	12.5	48.2	(D)	(D)	(D)	(D)
	1958	13.0	42.5	13.0	41.9	.1	.5
Lexington, Ky.....	1967	16.0	111.6	15.7	109.5	.3	2.1
	1963	10.9	65.7	(D)	(D)	(D)	(D)
	1958	7.8	36.6	7.7	35.8	.1	.9
Lima, Ohio <sup>2</sup> .....	1967	22.6	160.7	(D)	(D)	(D)	(D)
	1963	14.9	93.3	(D)	(D)	(D)	(D)
	1958	13.5	71.4	13.5	71.3	(Z)	.1
Lincoln, Nebr.....	1967	9.5	57.9	9.3	56.0	.2	1.9
	1963	9.1	45.6	8.9	44.8	.2	.8
	1958	8.6	38.9	8.5	38.1	.1	.8
Little Rock-North Little Rock, Ark. <sup>2</sup> .....	1967	24.2	123.5	23.9	120.9	.3	2.6
	1963	16.5	67.5	(D)	(D)	(D)	(D)
	1958	13.4	47.5	13.4	47.4	(Z)	.1
Lorain-Elyria, Ohio.....	1967	33.8	263.1	33.1	256.5	.7	6.6
	1963	29.8	214.1	(D)	(D)	(D)	(D)
	1958	24.7	143.5	23.7	137.6	1.0	6.0
Los Angeles-Long Beach, Calif.....	1967	855.4	6,692.5	836.8	6,484.1	18.6	208.4
	1963	745.0	5,118.5	727.0	4,939.2	18.0	179.3
	1958	697.2	3,971.5	681.6	3,849.4	15.7	122.0
Louisville, Ky.-Ind.....	1967	110.0	750.5	104.7	699.5	5.3	51.0
	1963	87.7	542.5	84.0	510.5	3.7	32.0
	1958	86.7	434.6	83.2	412.3	3.5	22.2
Lowell, Mass.....	1967	22.6	134.8	20.8	116.3	1.8	18.5
	1963	21.1	102.6	(D)	(D)	(D)	(D)
	1958	19.1	70.5	19.0	69.1	.2	1.4
Lubbock, Tex.....	1967	6.0	32.3	(D)	(D)	(D)	(D)
	1963	5.4	25.4	(D)	(D)	(D)	(D)
	1958	4.2	17.4	4.2	17.4	-	-
Lynchburg, Va.....	1967	20.1	115.3	18.7	101.7	1.4	13.9
	1963	18.0	86.9	(D)	(D)	(D)	(D)
	1958	15.8	56.7	15.2	53.9	.5	2.8
Macon, Ga.....	1967	14.5	79.2	(D)	(D)	(D)	(D)
	1963	11.1	48.8	(D)	(D)	(D)	(D)
	1958	10.9	38.5	10.7	37.1	.2	1.4
Madison, Wis.....	1967	16.3	118.4	15.1	105.2	1.2	13.2
	1963	13.5	83.1	12.4	75.6	1.0	7.5
	1958	12.4	63.3	11.7	58.0	.6	5.3
Manchester, N.H.....	1967	18.0	90.8	(D)	(D)	(D)	(D)
	1963	16.9	71.9	(D)	(D)	(D)	(D)
	1958	18.4	64.9	18.1	63.6	.3	1.3

See footnotes at end of table.

TABLE 6. Manufacturing Employment and Payroll for Geographic Areas: 1967, 1963, and 1958—Continued

Geographic area	Year	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries	
		Employees (1,000)	Payroll (million dollars)	Employees (1,000)	Payroll (million dollars)	Employees (1,000)	Payroll (million dollars)
STANDARD METROPOLITAN STATISTICAL AREAS <sup>1</sup> --Con.							
Mansfield, Ohio <sup>2</sup> .....	1967	23.6	177.5	(D)	(D)	(D)	(D)
McAllen-Pharr-Edinburg, Tex. <sup>2</sup> .....	1967	2.4	9.3	(D)	(D)	(D)	(D)
Memphis, Tenn.-Ark.....	1967	57.4	332.8	56.1	321.4	1.3	11.4
	1963	47.1	241.4	46.2	233.9	1.0	7.5
	1958	41.9	178.1	41.3	175.2	.6	2.9
Meriden, Conn.....	1967	8.4	63.6	(D)	(D)	(D)	(D)
	1963	7.4	45.0	(D)	(D)	(D)	(D)
	1958	8.7	43.9	(D)	(D)	(D)	(D)
Miami, Fla.....	1967	58.3	302.9	57.6	295.2	.7	7.7
	1963	43.2	192.6	42.7	186.8	.5	5.7
	1958	36.9	143.1	36.5	140.1	.4	3.0
Midland, Tex.....	1967	.7	4.4	(D)	(D)	(D)	(D)
	1963	.5	3.7	(D)	(D)	(D)	(D)
	1958	.5	2.7	(D)	(D)	(D)	(D)
Milwaukee, Wis. <sup>2</sup> .....	1967	216.5	1,628.8	207.6	1,544.7	8.9	84.1
	1963	193.8	1,271.9	187.8	1,219.9	6.0	52.1
	1958	189.5	1,041.7	185.0	1,012.1	4.6	29.6
Minneapolis-St. Paul, Minn.....	1967	203.7	1,524.9	181.0	1,313.4	22.7	211.5
	1963	163.8	1,056.0	149.6	940.8	14.2	115.1
	1958	146.0	766.2	135.1	696.6	10.9	69.6
Mobile, Ala.....	1967	20.3	130.8	20.2	130.1	.1	.7
	1963	18.5	101.1	(D)	(D)	(D)	(D)
	1958	19.0	87.8	18.9	87.3	.1	.5
Monroe, La.....	1967	6.2	40.6	(D)	(D)	(D)	(D)
	1963	5.7	30.5	(D)	(D)	(D)	(D)
	1958	6.0	26.6	6.0	26.6	-	-
Montgomery, Ala.....	1967	9.0	43.6	(D)	(D)	(D)	(D)
	1963	7.6	30.6	(D)	(D)	(D)	(D)
	1958	7.3	23.1	7.3	23.1	-	-
Muncie, Ind.....	1967	18.6	143.0	(D)	(D)	(D)	(D)
	1963	16.7	110.1	(D)	(D)	(D)	(D)
	1958	15.0	83.0	15.0	82.9	(Z)	.1
Muskegon-Muskegon Heights, Mich.....	1967	28.5	213.3	28.2	210.7	.3	2.6
	1963	25.1	163.9	24.9	162.0	.3	1.9
	1958	23.5	124.5	23.3	123.2	.2	1.3
Nashville, Tenn.....	1967	54.1	317.4	52.0	299.2	2.1	18.2
	1963	46.5	226.2	45.2	218.7	1.3	7.5
	1958	40.0	166.1	37.9	155.3	2.1	10.9
New Bedford, Mass.....	1967	25.1	126.4	24.7	124.3	.4	2.1
	1963	25.4	105.2	(D)	(D)	(D)	(D)
	1958	26.5	90.8	26.5	90.6	(Z)	.2
New Britain, Conn.....	1967	33.5	241.6	(D)	(D)	(D)	(D)
	1963	29.8	172.2	(D)	(D)	(D)	(D)
	1958	31.4	149.9	31.4	149.9	-	-
New Haven, Conn.....	1967	46.1	321.3	45.1	311.0	1.0	10.3
	1963	43.0	253.1	(D)	(D)	(D)	(D)
	1958	42.5	205.8	42.2	202.2	.3	3.6
New London-Groton-Norwich, Conn.....	1967	29.9	222.0	(D)	(D)	(D)	(D)
	1963	30.1	209.0	(D)	(D)	(D)	(D)
	1958	23.6	129.1	(D)	(D)	(D)	(D)
New Orleans, La.....	1967	55.5	380.0	54.4	371.8	1.1	8.2
	1963	49.1	282.9	48.8	280.8	.3	2.2
	1958	47.5	212.4	47.3	210.7	.3	1.7
New York, N.Y.....	1967	1,147.4	8,112.7	1,023.5	6,654.7	123.9	1,458.0
	1963	1,147.1	6,849.4	1,034.0	5,713.4	113.2	1,136.1
	1958	1,183.4	5,876.9	1,074.5	4,984.7	109.4	892.2
Newark, N.J.....	1967	263.7	1,958.4	238.2	1,698.5	25.5	259.9
	1963	250.2	1,613.8	224.6	1,379.4	25.7	234.4
	1958	245.6	1,289.8	226.7	1,155.8	19.0	134.1
Newport News-Hampton, Va.....	1967	27.0	192.7	(D)	(D)	(D)	(D)
	1963	24.7	157.0	(D)	(D)	(D)	(D)
	1958	17.2	88.5	17.1	88.0	.1	.4
Norfolk-Portsmouth, Va.....	1967	19.0	109.3	18.6	106.1	.4	3.2
	1963	16.1	82.1	15.8	79.8	.3	2.3
	1958	15.2	63.4	14.9	61.4	.3	2.0
Norwalk, Conn.....	1967	20.8	157.2	(D)	(D)	(D)	(D)
	1963	17.6	109.3	(D)	(D)	(D)	(D)
	1958	14.2	66.7	(D)	(D)	(D)	(D)

See footnotes at end of table.



TABLE 6. Manufacturing Employment and Payroll for Geographic Areas: 1967, 1963, and 1958—Continued

Geographic area	Year	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries	
		Employees (1,000)	Payroll (million dollars)	Employees (1,000)	Payroll (million dollars)	Employees (1,000)	Payroll (million dollars)
STANDARD METROPOLITAN STATISTICAL AREAS <sup>1</sup> --Con.							
Odessa, Tex.....	1967	3.4	25.7	(D)	(D)	(D)	(D)
	1963	2.2	13.5	(D)	(D)	(D)	(D)
	1958	1.9	10.3	(D)	(D)	(D)	(D)
Ogden, Utah.....	1967	4.9	31.3	(D)	(D)	(D)	(D)
	1963	4.6	28.0	(D)	(D)	(D)	(D)
	1958	4.6	22.8	4.5	22.1	.1	.7
Oklahoma City, Okla.....	1967	29.3	185.1	27.9	174.5	1.4	10.6
	1963	27.2	153.1	26.1	145.0	1.1	8.2
	1958	19.1	87.0	17.9	79.3	1.1	7.6
Omaha, Nebr.-Iowa.....	1967	36.6	249.4	35.9	242.7	.7	6.7
	1963	35.1	206.8	34.3	200.2	.7	6.6
	1958	33.0	160.9	32.4	156.2	.6	4.7
Orlando, Fla.....	1967	21.7	157.9	20.9	151.2	.8	6.7
	1963	19.4	124.9	(D)	(D)	(D)	(D)
	1958	10.8	55.4	10.3	52.8	.5	2.6
Oxnard-Ventura, Calif. <sup>2</sup> .....	1967	10.8	83.2	(D)	(D)	(D)	(D)
Paterson-Clifton-Passaic, N.J.....	1967	190.0	1,320.8	180.6	1,236.7	9.4	84.1
	1963	176.5	1,053.1	170.8	1,007.6	5.7	45.5
	1958	158.5	806.5	156.3	782.2	2.2	24.3
Pensacola, Fla.....	1967	13.2	88.7	(D)	(D)	(D)	(D)
	1963	13.1	75.9	13.1	75.9	-	-
	1958	12.5	58.6	11.9	52.6	.7	6.0
Peoria, Ill.....	1967	45.6	371.3	42.4	326.2	4.2	45.1
	1963	40.1	277.6	(D)	(D)	(D)	(D)
	1958	37.2	195.6	(D)	(D)	(D)	(D)
Philadelphia, Pa.-N.J.....	1967	573.8	4,125.2	549.4	3,875.5	24.4	249.7
	1963	535.8	3,310.6	512.8	3,108.7	23.0	201.9
	1958	436.9	2,738.9	515.2	2,573.5	21.7	165.4
Phoenix, Ariz.....	1967	59.3	433.4	58.6	426.1	.7	7.3
	1963	40.9	253.1	40.4	249.3	.4	3.8
	1958	25.8	139.7	25.6	138.1	.2	1.6
Pine Bluff, Ark.....	1967	5.7	31.6	(D)	(D)	(D)	(D)
	1963	5.1	24.5	5.1	24.5	-	-
	1958	3.9	15.7	3.9	15.7	(Z)	(Z)
Pittsburgh, Pa.....	1967	299.6	2,383.0	258.2	1,924.4	41.4	458.6
	1963	272.2	1,925.6	237.2	1,577.8	35.0	347.8
	1958	305.7	1,798.2	269.9	1,523.8	35.9	274.4
Pittsfield, Mass.....	1967	16.9	140.0	(D)	(D)	(D)	(D)
	1963	16.1	113.6	(D)	(D)	(D)	(D)
	1958	14.2	84.0	14.0	82.7	.2	1.2
Portland, Maine.....	1967	14.7	85.7	(D)	(D)	(D)	(D)
	1963	12.4	63.5	(D)	(D)	(D)	(D)
	1958	12.9	55.7	12.8	54.7	.1	1.0
Portland, Oreg.-Wash.....	1967	79.8	561.0	77.4	540.2	2.4	20.8
	1963	65.3	392.8	63.3	377.0	1.9	15.8
	1958	58.3	296.2	57.0	288.4	1.3	7.8
Providence-Pawtucket-Warwick, R.I.-Mass.....	1967	138.0	789.8	136.7	776.8	1.3	13.0
	1963	125.9	596.4	124.6	586.2	1.3	10.1
	1958	127.2	509.9	126.1	502.4	1.1	7.5
Provo-Orem, Utah.....	1967	7.9	59.2	7.9	59.2	-	-
	1963	6.9	48.9	6.9	48.9	-	-
	1958	7.3	47.1	7.3	47.1	-	-
Pueblo, Colo.....	1967	9.4	65.6	(D)	(D)	(D)	(D)
	1963	8.8	57.8	(D)	(D)	(D)	(D)
	1958	9.7	60.4	9.5	59.2	.2	1.2
Racine, Wis.....	1967	26.2	199.3	23.9	179.1	2.3	20.2
	1963	22.2	147.2	(D)	(D)	(D)	(D)
	1958	21.2	112.7	20.4	107.7	.8	5.0
Raleigh, N.C.....	1967	15.2	88.0	15.0	86.5	.2	1.5
	1963	8.9	38.3	(D)	(D)	(D)	(D)
	1958	7.2	25.0	7.1	24.1	.2	.9
Reading, Pa.....	1967	56.4	334.3	56.0	329.9	.4	4.4
	1963	50.7	255.1	50.1	250.1	.6	5.0
	1958	48.4	194.4	48.1	192.1	.3	2.3
Reno, Nev.....	1967	2.1	14.7	(D)	(D)	(D)	(D)
	1963	2.1	12.8	(D)	(D)	(D)	(D)
	1958	1.9	9.8	1.9	9.5	(Z)	.3

See footnotes at end of table.

TABLE 6. Manufacturing Employment and Payroll for Geographic Areas: 1967, 1963, and 1958—Continued

Geographic area	Year	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries	
		Employees (1,000)	Payroll (million dollars)	Employees (1,000)	Payroll (million dollars)	Employees (1,000)	Payroll (million dollars)
STANDARD METROPOLITAN STATISTICAL AREAS <sup>1</sup> --Con.							
Richmond, Va.....	1967	51.4	337.8	47.0	294.6	4.4	43.2
	1963	46.0	256.6	41.9	222.7	4.1	33.9
	1958	43.0	194.7	38.9	169.3	4.1	25.4
Roanoke, Va.....	1967	16.9	95.9	(D)	(D)	(D)	(D)
	1963	14.7	71.3	(D)	(D)	(D)	(D)
	1958	14.3	57.2	14.3	56.8	.1	.5
Rochester, N.Y.....	1967	145.7	1,197.8	137.9	1,117.2	7.8	80.6
	1963	121.3	837.8	116.3	785.5	5.0	52.3
	1958	116.7	640.4	113.3	611.1	3.4	29.3
Rockford, Ill.....	1967	57.7	430.0	(D)	(D)	(D)	(D)
	1963	43.9	272.9	(D)	(D)	(D)	(D)
	1958	40.8	211.5	40.8	211.5	-	-
Sacramento, Calif.....	1967	26.6	227.1	(D)	(D)	(D)	(D)
	1963	35.3	272.2	35.2	272.0	(Z)	.2
	1958	23.9	141.8	23.9	141.6	(Z)	.2
Saginaw, Mich.....	1967	32.0	269.8	31.7	267.1	.3	2.7
	1963	25.8	191.0	25.5	189.0	.2	2.1
	1958	21.2	120.7	21.2	120.7	-	-
St. Joseph, Mo.....	1967	10.7	65.3	(D)	(D)	(D)	(D)
	1963	10.5	57.0	(D)	(D)	(D)	(D)
	1958	11.0	50.8	(D)	(D)	(D)	(D)
St. Louis, Mo.-Ill.....	1967	295.5	2,217.3	278.1	2,030.8	17.4	186.5
	1963	259.7	1,666.3	244.3	1,539.8	15.5	126.5
	1958	262.5	1,353.0	249.0	1,258.8	13.5	94.2
Salem, Oregon <sup>2</sup> .....	1967	9.5	55.5	9.5	55.5	-	-
Salinas-Monterey, Calif. <sup>2</sup> .....	1967	7.0	43.9	7.0	43.9	-	-
Salt Lake City, Utah.....	1967	27.5	182.3	27.1	179.1	.4	3.2
	1963	31.8	187.5	31.2	182.4	.6	5.0
	1958	21.0	97.2	20.3	93.0	.7	4.2
San Angelo, Tex.....	1967	3.2	15.6	(D)	(D)	(D)	(D)
	1963	2.0	7.8	2.0	7.8	-	-
	1958	2.2	6.9	2.2	6.9	-	-
San Antonio, Tex.....	1967	27.4	142.9	(D)	(D)	(D)	(D)
	1963	23.6	102.4	(D)	(D)	(D)	(D)
	1958	20.9	75.3	20.9	75.1	(Z)	.2
San Bernardino-Riverside-Ontario, Calif.....	1967	46.4	340.7	46.3	338.8	.1	1.9
	1963	37.5	238.7	37.5	238.6	(Z)	.2
	1958	29.2	156.7	29.2	156.3	.1	.4
San Diego, Calif.....	1967	63.5	521.1	61.1	493.7	2.4	27.4
	1963	60.3	453.0	(D)	(D)	(D)	(D)
	1958	71.4	447.8	70.9	442.0	.5	4.9
San Francisco-Oakland, Calif.....	1967	197.8	1,577.9	180.8	1,399.6	17.0	178.3
	1963	196.2	1,356.6	178.2	1,188.9	18.0	167.8
	1958	190.3	1,080.4	176.1	970.9	14.1	109.5
San Jose, Calif.....	1967	120.3	1,001.3	115.4	1,035.4	4.9	45.9
	1963	94.7	739.9	93.2	726.3	1.6	13.5
	1958	53.9	340.5	51.4	322.7	2.5	17.8
Santa Barbara, Calif.....	1967	8.5	56.1	8.4	55.5	.1	.6
	1963	7.9	51.9	5.1	29.4	2.7	22.5
	1958	3.9	19.0	3.8	17.7	.1	1.2
Savannah, Ga.....	1967	15.5	93.2	(D)	(D)	(D)	(D)
	1963	14.8	75.5	(D)	(D)	(D)	(D)
	1958	14.6	63.8	14.6	63.7	(Z)	(Z)
Scranton, Pa.....	1967	33.7	164.4	33.0	159.7	.7	4.7
	1963	29.1	115.2	(D)	(D)	(D)	(D)
	1958	27.4	94.9	27.3	94.8	.1	.2
Seattle-Everett, Wash.....	1967	162.2	1,366.7	160.6	1,348.4	1.6	18.3
	1963	121.6	855.2	120.2	842.7	1.4	12.6
	1958	114.9	659.7	114.3	655.4	.6	4.2
Sherman-Denison, Tex. <sup>2</sup> .....	1967	6.7	33.2	(D)	(D)	(D)	(D)
Shreveport, La.....	1967	12.9	75.4	(D)	(D)	(D)	(D)
	1963	9.1	45.6	9.1	45.4	(Z)	.2
	1958	9.1	40.8	9.0	40.2	.1	.6
Sioux City, Iowa-Nebr.....	1967	9.2	57.8	9.2	57.4	(Z)	.4
	1963	7.5	41.5	(D)	(D)	(D)	(D)
	1958	8.3	38.8	8.3	38.8	-	-

See footnotes at end of table.



TABLE 6. Manufacturing Employment and Payroll for Geographic Areas: 1967, 1963, and 1958—Continued

Geographic area	Year	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries	
		Employees (1,000)	Payroll (million dollars)	Employees (1,000)	Payroll (million dollars)	Employees (1,000)	Payroll (million dollars)
STANDARD METROPOLITAN STATISTICAL AREAS <sup>1</sup> --Con.							
Sioux Falls, S. Dak.....	1967	6.9	47.0	(D)	(D)	(D)	(D)
	1963	6.1	36.8	6.0	36.5	(Z)	.2
	1958	6.1	29.1	6.1	29.1	-	-
South Bend, Ind.....	1967	35.0	262.0	34.9	261.0	.1	1.0
	1963	37.7	244.2	(D)	(D)	(D)	(D)
	1958	36.9	204.8	36.9	204.6	(Z)	.2
Spokane, Wash.....	1967	12.3	89.2	12.0	86.4	.3	2.8
	1963	11.8	76.4	(D)	(D)	(D)	(D)
	1958	12.8	70.1	12.8	70.0	(Z)	.1
Springfield, Ill.....	1967	11.1	76.0	11.1	76.0	-	-
	1963	11.6	67.7	11.6	67.7	-	-
	1958	11.2	56.3	11.2	56.3	-	-
Springfield, Mo.....	1967	13.5	71.6	13.5	71.6	-	-
	1963	11.1	50.8	11.1	50.8	-	-
	1958	8.6	33.4	8.6	33.4	-	-
Springfield, Ohio.....	1967	19.4	136.5	(D)	(D)	(D)	(D)
	1963	16.4	100.6	(D)	(D)	(D)	(D)
	1958	13.1	69.6	(D)	(D)	(D)	(D)
Springfield-Chicopee-Holyoke, Mass.-Conn....	1967	73.3	463.8	72.3	454.1	1.0	9.7
	1963	67.4	370.3	66.3	359.7	1.1	10.6
	1958	71.8	344.0	70.1	331.4	1.7	12.6
Stamford, Conn.....	1967	24.6	192.6	21.1	155.5	3.5	37.1
	1963	23.7	163.1	19.4	124.9	4.4	38.1
	1958	19.4	105.7	17.0	91.0	2.5	14.6
Steubenville-Weirton, Ohio-W. Va.....	1967	28.4	230.3	27.2	220.0	1.2	10.3
	1963	28.6	206.0	(D)	(D)	(D)	(D)
	1958	29.8	172.9	29.3	168.0	.6	4.9
Stockton, Calif.....	1967	16.5	113.1	(D)	(D)	(D)	(D)
	1963	14.4	84.4	(D)	(D)	(D)	(D)
	1958	12.7	61.3	12.7	61.3	-	-
Syracuse, N.Y.....	1967	68.2	506.2	65.5	479.5	2.7	26.7
	1963	67.1	423.5	63.7	396.0	3.4	27.5
	1958	69.5	366.7	66.6	349.8	2.9	16.9
Tacoma, Wash.....	1967	19.8	143.1	18.4	128.0	1.4	15.1
	1963	16.6	98.9	(D)	(D)	(D)	(D)
	1958	16.6	82.7	15.7	76.8	1.0	5.9
Tallahassee, Fla. <sup>2</sup> .....	1967	1.6	7.6	1.6	7.6	-	-
Tampa-St. Petersburg, Fla.....	1967	46.7	271.6	45.9	265.6	.8	6.0
	1963	36.7	189.1	36.3	186.2	.4	2.9
	1958	32.2	121.9	31.5	117.4	.7	4.5
Terre Haute, Ind.....	1967	14.0	85.6	13.9	84.8	.1	.8
	1963	11.5	60.7	(D)	(D)	(D)	(D)
	1958	12.3	55.2	12.3	55.0	.1	.3
Texarkana, Tex.-Ark.....	1967	10.7	61.0	10.7	61.0	-	-
	1963	5.6	25.9	5.6	25.9	-	-
	1958	3.0	10.6	3.0	10.6	-	-
Toledo, Ohio-Mich.....	1967	77.7	616.4	71.2	547.7	6.5	68.7
	1963	70.7	486.0	65.3	435.8	5.4	50.2
	1958	70.8	410.0	66.6	376.0	4.2	34.0
Topeka, Kans.....	1967	8.3	58.2	8.0	55.3	.3	2.9
	1963	6.6	40.3	6.5	39.5	.1	.8
	1958	6.2	30.5	6.0	29.6	.2	.8
Trenton, N.J.....	1967	38.1	282.7	35.0	247.6	3.1	35.1
	1963	37.8	244.5	33.9	210.6	3.9	33.9
	1958	36.2	182.9	35.1	173.2	1.2	9.7
Tucson, Ariz.....	1967	8.5	59.8	(D)	(D)	(D)	(D)
	1963	8.3	50.8	8.3	50.8	-	-
	1958	8.2	44.9	8.1	44.6	.1	.3
Tulsa, Okla.....	1967	41.9	292.7	38.9	265.8	3.0	26.9
	1963	29.9	174.1	27.7	158.7	2.2	15.4
	1958	33.2	171.6	30.7	157.3	2.5	14.3
Tuscaloosa, Ala.....	1967	9.1	52.0	(D)	(D)	(D)	(D)
	1963	7.8	39.5	7.8	39.5	-	-
	1958	7.9	34.7	7.9	34.7	-	-

See footnotes at end of table.

TABLE 6. Manufacturing Employment and Payroll for Geographic Areas: 1967, 1963, and 1958—Continued

Geographic area	Year	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries	
		Employees (1,000)	Payroll (million dollars)	Employees (1,000)	Payroll (million dollars)	Employees (1,000)	Payroll (million dollars)
STANDARD METROPOLITAN STATISTICAL AREAS <sup>1</sup> --Con.							
Tyler, Tex.....	1967	8.8	48.9	8.8	48.9	-	-
	1963	7.2	34.1	7.2	34.1	-	-
	1958	5.6	22.5	(D)	(D)	(D)	(D)
Utica-Rome, N.Y.....	1967	42.9	282.5	42.2	275.3	.7	7.2
	1963	38.5	218.7	38.2	216.0	.3	2.7
	1958	40.6	194.8	40.3	192.8	.3	2.1
Vallejo-Napa, Calif.....	1967	6.1	42.5	(D)	(D)	(D)	(D)
	1963	4.5	26.3	(D)	(D)	(D)	(D)
	1958	4.5	22.2	4.2	20.3	.3	1.9
Vineland-Millville-Bridgeton, N.J. <sup>2</sup> .....	1967	24.1	140.4	24.1	140.4	-	-
Waco, Tex.....	1967	11.0	66.0	(D)	(D)	(D)	(D)
	1963	9.5	47.9	(D)	(D)	(D)	(D)
	1958	8.8	36.4	8.7	35.8	.1	.6
Washington, D.C.-Md.-Va. <sup>2</sup> .....	1967	55.5	410.1	53.5	384.3	2.0	25.8
	1963	50.1	324.3	47.0	291.3	3.1	33.0
	1958	34.7	177.7	34.0	172.1	.7	5.6
Waterbury, Conn.....	1967	42.6	277.4	42.0	272.0	.6	5.4
	1963	37.7	222.8	(D)	(D)	(D)	(D)
	1958	37.4	189.8	36.6	183.8	.8	6.0
Waterloo, Iowa.....	1967	21.0	151.6	21.0	151.0	-	-
	1963	18.3	119.0	(D)	(D)	(D)	(D)
	1958	18.0	97.5	18.0	97.5	(Z)	(Z)
West Palm Beach, Fla.....	1967	15.4	106.6	15.3	106.2	.1	.4
	1963	11.9	73.3	(D)	(D)	(D)	(D)
	1958	3.4	14.4	3.4	14.4	-	-
Wheeling, W. Va.-Ohio.....	1967	16.3	106.6	15.6	100.4	.7	6.2
	1963	15.6	92.9	(D)	(D)	(D)	(D)
	1958	17.2	85.3	16.3	78.8	.8	6.5
Wichita, Kans.....	1967	57.7	415.4	56.9	407.9	.8	7.5
	1963	43.3	286.6	42.2	278.6	1.2	8.0
	1958	54.5	290.7	54.0	288.2	.5	2.5
Wichita Falls, Tex.....	1967	3.6	17.6	(D)	(D)	(D)	(D)
	1963	3.2	14.9	(D)	(D)	(D)	(D)
	1958	3.3	13.5	3.2	13.3	(Z)	.2
Wilkes-Barre-Hazleton, Pa.....	1967	49.7	226.1	49.0	222.5	.7	3.6
	1963	43.8	164.8	43.5	163.6	.2	1.2
	1958	38.7	122.8	38.5	122.3	.1	.5
Wilmington, Del.-N.J.-Md.....	1967	68.0	605.1	48.2	358.0	19.8	247.1
	1963	59.4	468.6	42.3	283.5	17.1	185.1
	1958	58.7	380.8	41.4	225.0	17.3	155.8
Wilmington, N.C. <sup>2</sup> .....	1967	7.9	36.1	7.9	36.1	-	-
Worcester, Mass.....	1967	50.9	340.8	50.4	336.7	.5	4.1
	1963	47.6	266.9	(D)	(D)	(D)	(D)
	1958	51.1	242.0	51.1	241.6	(Z)	.4
York, Pa.....	1967	57.0	324.4	56.7	322.1	.3	2.3
	1963	48.7	224.1	48.4	221.0	.3	3.1
	1958	48.1	195.0	47.9	194.3	.1	.7
Youngstown-Warren, Ohio.....	1967	82.9	631.7	81.7	621.7	1.2	10.0
	1963	69.4	479.2	68.0	467.9	1.4	11.3
	1958	76.4	427.3	75.7	421.3	.7	6.0

Note: See appendix A for explanation of terms used.

The totals at the State and U.S. level were derived from separate tabulations based on industry rather than State detail. The sum of the State detail does not add to the U.S. totals because of (1) independent rounding, and (2) independent correction to the industry tabulations and State tabulations.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (Z) Less than \$50 thousand or under 50 employees.

<sup>1</sup>The definitions of the standard metropolitan statistical areas are shown in appendix F.

Footnotes continued on next page.



TABLE 6. Manufacturing Employment and Payroll for Geographic Areas: 1967, 1963, and 1958—Continued

Footnotes--Continued

<sup>2</sup>For the SMSA's listed in the table below (whose definitions were revised in 1967) the 1963 and 1958 data do not include establishments located in the specified counties. County data for 1963 and 1958 for these units were not available.

Standard metropolitan statistical areas	County
Baltimore, Md.....	Hartford
Birmingham, Ala.....	Shelby and Walker
Corpus Christi, Tex.....	San Patricio
Dallas, Tex.....	Kaufman and Rockwall
Durham, N.C.....	Orange
Greensboro-Winston-Salem-High Point, N.C.....	Forsyth, Randolph, and Yadkin
Indianapolis, Ind.....	Boone
Lima, Ohio.....	Putnam and Van Wert
Little Rock-North Little Rock, Ark.....	Arkansas and Saline
Milwaukee, Wis.....	Washington
Washington, D.C.-Md.-Va.....	Loudon and Prince William in Virginia

For the SMSA's listed in the table below (whose definitions were added in 1967) 1958 or 1963 data are not available. The counties which comprise the SMSA are listed on the right.

Standard metropolitan statistical areas	County
Biloxi-Gulfport, Miss.....	Harrison
Bloomington-Normal, Ill.....	McLean
Fayetteville, N.C.....	Cumberland
Lafayette-West Lafayette, Ind.....	Tippecanoe
Mansfield, Ohio.....	Richland
McAllen-Pharr-Edinburg, Tex.....	Hidalgo
Oxnard-Ventura, Calif.....	Ventura
Salem, Oreg.....	Marion and Polk
Salinas-Monterey, Calif.....	Monterey
Sherman-Denison, Tex.....	Grayson
Tallahassee, Fla.....	Leon
Vineland-Millville-Bridgeton, N.J.....	Cumberland
Wilmington, N.C.....	Brunswick and New Hanover

TABLE 7. General and Comparative Statistics by Geographic Areas: 1967 and Earlier Years

Geographic area <sup>1</sup> and year	Establishments <sup>2</sup>		All employees <sup>2</sup>		Production workers			Value added by manu- facture	Cost of materials	Value of shipments	Capital expendi- tures, new <sup>3</sup>	Comparative indexes and U.S. employment						
	Total	With 20 employees or more	Number	Payroll	Number	Man- hours	Wages					Percent of U.S. employ- ment	Index of employ- ment change (1958= 100)	United States				
														Index of employ- ment change (1958= 100)	Employees			
																(number)	(number)	(1,000)
United States:																		
1967.....	311,140	110,256	19,323.2	99,898.8	13,955.3	27,837.6	81,393.6	261,983.8	298,513.7	557,397.8	21,503.0	100	121	121	19,323.2			
1963.....	311,931	102,291	16,958.4	99,898.8	12,232.1	24,510.3	62,090.8	192,082.9	(NA)	(NA)	11,380.0	100	106	106	16,958.4			
1958.....	303,303	95,310	16,025.2	78,348.9	11,665.4	22,671.4	49,573.8	141,532.2	(NA)	(NA)	9,543.5	100	100	100	16,025.2			
1954.....	286,814	90,470	16,098.7	65,866.6	12,372.0	24,334.1	44,590.5	117,032.3	(NA)	(NA)	8,200.7	100	100	100	16,098.7			
1947.....	240,807	(NA)	14,294.0	39,695.6	11,917.9	24,316.5	30,244.0	74,290.5	(NA)	(NA)	5,998.1	100	89	89	14,294.0			
1939.....	173,802	(NA)	9,527.3	12,706.1	7,808.2	(NA)	8,997.5	24,487.3	(NA)	(NA)	(NA)	100	59	59	9,527.3			
1929.....	206,663	(NA)	9,659.7	14,284.3	8,369.7	(NA)	10,884.9	30,591.4	(NA)	(NA)	(NA)	100	60	60	9,659.7			
1919.....	270,231	(NA)	9,836.8	12,426.9	8,464.9	(NA)	9,664.0	23,841.6	(NA)	(NA)	(NA)	100	61	61	9,836.8			
1909.....	264,810	(NA)	7,012.1	4,105.5	6,261.7	(NA)	3,205.2	8,160.1	(NA)	(NA)	(NA)	100	44	44	7,012.1			
1899.....	204,754	(NA)	4,850.0	2,258.7	4,501.9	(NA)	1,892.6	4,647.0	(NA)	(NA)	(NA)	100	30	30	4,850.0			
DIVISION AND STATE																		
New England Division:																		
1967.....	24,286	9,164	1,561.8	10,189.9	1,135.9	2,274.3	6,252.2	18,972.1	16,396.3	35,164.9	1,223.7	8.08	112	121	19,323.2			
1963.....	24,649	8,676	1,425.0	7,815.0	1,043.1	2,084.7	4,889.3	13,589.4	(NA)	(NA)	639.4	8.40	102	106	16,958.4			
1958.....	24,880	8,508	1,399.6	6,297.8	1,048.8	2,053.0	4,099.1	10,439.9	(NA)	(NA)	534.0	8.73	100	100	16,025.2			
1954.....	24,625	8,380	1,448.5	5,453.9	1,154.1	2,272.3	3,858.7	9,128.3	(NA)	(NA)	424.3	8.99	103	100	16,098.7			
1947.....	20,256	(NA)	1,475.2	3,940.1	1,248.8	(NA)	3,054.4	6,798.1	(NA)	(NA)	418.6	10.32	105	89	14,294.0			
1939.....	15,201	(NA)	1,121.2	1,402.1	947.4	(NA)	1,018.7	2,414.0	(NA)	(NA)	(NA)	11.77	80	59	9,527.3			
1929.....	18,272	(NA)	1,245.9	1,732.8	1,098.5	(NA)	1,346.4	3,239.8	(NA)	(NA)	(NA)	12.90	89	60	9,659.7			
1919.....	24,552	(NA)	1,509.1	1,765.3	1,347.5	(NA)	1,431.7	3,221.3	(NA)	(NA)	(NA)	15.34	108	61	9,836.8			
1909.....	25,351	(NA)	1,188.0	669.9	1,101.3	(NA)	557.6	1,193.8	(NA)	(NA)	(NA)	16.94	85	44	7,012.1			
1899.....	22,576	(NA)	897.3	421.1	851.9	(NA)	367.7	756.3	(NA)	(NA)	(NA)	18.50	64	30	4,850.0			
Maine:																		
1967.....	2,385	615	110.8	577.2	93.6	186.6	437.3	1,069.5	1,164.9	2,215.5	98.8	0.57	113	121	19,323.2			
1963.....	2,535	594	99.9	438.6	84.1	170.1	335.1	785.7	(NA)	(NA)	62.5	0.59	102	106	16,958.4			
1958.....	2,755	579	98.3	377.2	83.7	166.2	285.2	628.3	(NA)	(NA)	44.3	0.61	100	100	16,025.2			
1954.....	3,015	627	104.5	325.0	91.1	180.7	260.0	565.3	(NA)	(NA)	58.9	0.64	106	100	16,098.7			
1947.....	1,633	(NA)	100.1	233.9	90.3	(NA)	199.1	429.5	(NA)	(NA)	(NA)	0.70	102	89	14,294.0			
1939.....	1,118	(NA)	82.2	83.5	74.0	(NA)	67.3	150.6	(NA)	(NA)	(NA)	0.86	84	59	9,527.3			
1929.....	1,568	(NA)	76.8	90.3	70.2	(NA)	74.2	174.4	(NA)	(NA)	(NA)	0.80	78	60	9,659.7			
1919.....	2,834	(NA)	96.1	111.2	88.3	(NA)	93.8	201.4	(NA)	(NA)	(NA)	0.98	98	61	9,836.8			
1909.....	3,546	(NA)	84.8	43.4	80.0	(NA)	37.6	78.9	(NA)	(NA)	(NA)	1.21	86	44	7,012.1			
1899.....	2,878	(NA)	73.0	28.8	69.9	(NA)	25.7	51.7	(NA)	(NA)	(NA)	1.51	74	30	4,850.0			
New Hampshire:																		
1967.....	1,481	566	94.9	512.6	76.6	151.0	364.3	931.9	802.8	1,716.8	75.6	0.49	119	121	19,323.2			
1963.....	1,509	546	84.1	378.9	68.6	135.1	271.8	636.1	(NA)	(NA)	30.3	0.50	106	106	16,958.4			
1958.....	1,457	494	79.5	297.1	65.6	128.1	221.1	490.7	(NA)	(NA)	24.4	0.50	100	100	16,025.2			
1954.....	1,609	497	77.3	246.7	66.0	128.5	190.8	408.8	(NA)	(NA)	18.5	0.49	97	100	16,098.7			
1947.....	1,124	478	74.8	177.5	66.4	136.1	145.3	306.9	(NA)	(NA)	24.0	0.52	94	89	14,294.0			
1939.....	772	(NA)	61.2	65.2	55.4	(NA)	52.4	104.2	(NA)	(NA)	(NA)	0.64	77	59	9,527.3			
1929.....	1,075	(NA)	71.2	85.3	65.5	(NA)	70.5	147.1	(NA)	(NA)	(NA)	0.74	90	60	9,659.7			
1919.....	1,451	(NA)	88.7	92.3	82.9	(NA)	79.1	167.3	(NA)	(NA)	(NA)	0.90	112	61	9,836.8			
1909.....	1,961	(NA)	82.2	40.4	78.7	(NA)	36.2	66.4	(NA)	(NA)	(NA)	1.17	103	44	7,012.1			
1899.....	1,771	(NA)	69.7	28.0	67.6	(NA)	25.9	47.4	(NA)	(NA)	(NA)	1.44	88	30	4,850.0			
Vermont:																		
1967.....	925	281	42.5	259.1	31.3	64.6	162.4	515.0	622.0	1,126.9	35.1	0.22	131	121	19,323.2			
1963.....	977	267	33.7	167.9	25.7	52.4	113.4	309.3	(NA)	(NA)	15.7	0.20	104	106	16,958.4			
1958.....	1,040	277	32.5	132.5	25.4	50.3	92.1	235.9	(NA)	(NA)	11.6	0.20	100	100	16,025.2			
1954.....	1,071	296	36.1	123.6	29.9	59.3	93.0	223.0	(NA)	(NA)	8.9	0.22	111	100	16,098.7			
1947.....	831	(NA)	34.9	83.1	30.3	(NA)	66.4	149.7	(NA)	(NA)	(NA)	0.24	107	89	14,294.0			
1939.....	659	(NA)	24.1	27.4	20.5	(NA)	19.9	49.7	(NA)	(NA)	(NA)	0.25	74	59	9,527.3			
1929.....	927	(NA)	30.5	41.9	27.4	(NA)	33.8	77.3	(NA)	(NA)	(NA)	0.32	94	60	9,659.7			
1919.....	1,702	(NA)	36.7	41.1	33.2	(NA)	33.8	71.8	(NA)	(NA)	(NA)	0.37	113	61	9,836.8			
1909.....	1,958	(NA)	36.5	20.1	33.8	(NA)	17.3	33.5	(NA)	(NA)	(NA)	0.52	112	44	7,012.1			
1899.....	1,938	(NA)	29.9	13.0	28.2	(NA)	11.4	25.1	(NA)	(NA)	(NA)	0.62	92	30	4,850.0			
Massachusetts:																		
1967.....	10,963	4,471	713.6	4,646.3	507.9	999.0	2,755.3	8,715.0	7,294.4	15,925.5	493.7	3.69	105	121	19,323.2			
1963.....	11,311	4,351	674.0	3,712.4	480.7	948.3	2,234.6	6,403.8	(NA)	(NA)	273.0	3.97	99	106	16,958.4			
1958.....	11,565	4,377	680.6	3,070.8	498.1	968.7	1,932.0	5,128.5	(NA)	(NA)	228.5	4.25	100	100	16,025.2			
1954.....	11,205	4,229	685.4	2,575.6	536.5	1,047.4	1,769.1	4,356.5	(NA)	(NA)	180.7	4.25	101	100	16,098.7			
1947.....	10,509	(NA)	718.1	1,920.7	601.4	(NA)	1,463.1	3,356.3	(NA)	(NA)	(NA)	5.02	106	89	14,294.0			
1939.....	8,444	(NA)	549.6	702.5	458.4	(NA)	498.2	1,181.5	(NA)	(NA)	(NA)	5.77	81	59	9,527.3			
1929.....	9,872	(NA)	639.2	910.1	557.5	(NA)	694.8	1,710.7	(NA)	(NA)	(NA)	6.62	94	60	9,659.7			
1919.....	11,627	(NA)	801.3	947.8	712.3	(NA)	764.6	1,746.5	(NA)	(NA)	(NA)	8.15	118	61	9,836.8			
1909.....	11,684	(NA)	633.2	364.5	584.6	(NA)	301.2	659.8	(NA)	(NA)	(NA)	9.03	93	44	7,012.1			
1899.....	10,929	(NA)	463.5	224.8	438.2	(NA)	195.3	409.0	(NA)	(NA)	(NA)	9.56	68	30	4,850.0			

See footnotes at end of table.



TABLE 7. General and Comparative Statistics by Geographic Areas: 1967 and Earlier Years—Continued

Geographic area <sup>1</sup> and year	Establishments <sup>2</sup>		All employees <sup>2</sup>		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new <sup>3</sup>	Comparative indexes and U.S. employment			
	Total	With 20 employees or more	Number	Payroll	Number	Man- hours	Wages					Percent of U.S. employ- ment	Index of employ- ment change (1958= 100)	United States	
														Index of employ- ment change (1958= 100)	Employees
	(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(1958= 100)	(1958= 100)	(1,000)
DIVISION AND STATE--CON.															
New England Division--Con.															
Rhode Island:															
1967.....	2,703	922	122.3	700.4	96.6	188.5	466.9	1,350.9	1,228.1	2,560.5	74.8	0.63	107	121	19,323.2
1963.....	2,710	868	113.9	533.4	90.0	177.2	365.3	958.6	(NA)	(NA)	43.1	0.67	99	106	16,958.4
1958.....	2,737	907	114.5	453.1	91.4	175.9	314.3	756.2	(NA)	(NA)	29.8	0.71	100	100	16,025.2
1954.....	2,635	867	125.0	431.9	103.8	204.4	314.5	697.3	(NA)	(NA)	27.7	0.77	108	100	16,098.7
1947.....	2,213	(NA)	147.4	375.7	128.6	(NA)	298.5	658.9	(NA)	(NA)	(NA)	1.03	129	89	14,294.0
1939.....	1,399	(NA)	122.7	141.3	106.1	(NA)	105.2	237.7	(NA)	(NA)	(NA)	1.29	107	59	9,527.3
1929.....	1,701	(NA)	140.1	182.9	126.1	(NA)	144.2	324.1	(NA)	(NA)	(NA)	1.45	122	60	9,659.7
1919.....	2,367	(NA)	153.5	168.1	139.3	(NA)	137.1	330.6	(NA)	(NA)	(NA)	1.56	134	61	9,836.8
1909.....	1,951	(NA)	120.9	65.8	113.5	(NA)	55.2	122.2	(NA)	(NA)	(NA)	1.72	106	44	7,012.1
1899.....	1,678	(NA)	92.2	41.3	88.2	(NA)	36.0	77.6	(NA)	(NA)	(NA)	1.90	81	30	4,850.0
Connecticut:															
1967.....	5,829	2,309	477.7	3,494.3	329.9	684.6	2,066.0	6,389.8	5,284.1	11,619.7	445.7	2.47	121	121	19,323.2
1963.....	5,607	2,050	419.4	2,583.8	294.0	601.7	1,569.1	4,495.9	(NA)	(NA)	214.8	2.47	106	106	16,958.4
1958.....	5,326	1,874	394.2	1,967.1	284.6	563.8	1,254.4	3,200.3	(NA)	(NA)	195.4	2.46	100	100	16,025.2
1954.....	5,090	1,864	420.0	1,751.0	326.8	652.0	1,231.4	2,877.5	(NA)	(NA)	129.6	2.60	107	100	16,098.7
1947.....	3,946	(NA)	400.0	1,149.3	331.9	(NA)	882.0	1,896.7	(NA)	(NA)	(NA)	2.80	102	89	14,294.0
1939.....	2,809	(NA)	281.4	382.3	233.0	(NA)	275.6	690.3	(NA)	(NA)	(NA)	2.95	71	59	9,527.3
1929.....	3,129	(NA)	288.0	422.3	251.9	(NA)	328.9	806.2	(NA)	(NA)	(NA)	2.98	73	60	9,659.7
1919.....	4,571	(NA)	332.8	404.8	291.6	(NA)	323.3	703.6	(NA)	(NA)	(NA)	3.38	84	61	9,836.8
1909.....	4,251	(NA)	230.4	135.8	210.8	(NA)	110.1	233.0	(NA)	(NA)	(NA)	3.28	58	44	7,012.1
1899.....	3,382	(NA)	169.0	85.1	159.7	(NA)	73.4	145.4	(NA)	(NA)	(NA)	3.48	43	30	4,850.0
Middle Atlantic Division:															
1967.....	76,422	29,002	4,360.0	30,526.6	3,024.4	5,924.8	17,441.2	57,261.7	57,183.8	113,770.9	3,768.0	22.56	106	121	19,323.2
1963.....	81,708	28,531	4,075.1	24,419.6	2,849.6	5,578.9	14,295.2	43,540.2	(NA)	(NA)	2,086.1	24.03	99	106	16,958.4
1958.....	82,997	27,729	4,112.9	20,470.3	2,901.5	5,548.7	12,285.4	34,814.7	(NA)	(NA)	2,058.2	25.66	100	100	16,025.2
1954.....	82,380	27,535	4,284.3	17,855.2	3,212.5	6,217.3	11,524.9	30,402.7	(NA)	(NA)	1,551.1	26.61	104	100	16,098.7
1947.....	75,341	(NA)	3,953.8	11,419.7	3,248.7	(NA)	8,524.6	20,768.0	(NA)	(NA)	1,335.2	27.66	96	89	14,294.0
1939.....	53,226	(NA)	2,757.9	3,859.9	2,234.8	(NA)	2,668.5	7,308.8	(NA)	(NA)	(NA)	28.95	67	59	9,527.3
1929.....	64,730	(NA)	3,002.8	4,853.0	2,562.3	(NA)	3,640.4	10,176.0	(NA)	(NA)	(NA)	31.09	73	60	9,659.7
1919.....	85,509	(NA)	3,348.6	4,463.6	2,859.6	(NA)	3,447.8	8,399.6	(NA)	(NA)	(NA)	34.04	81	61	9,836.8
1909.....	81,315	(NA)	2,491.2	1,527.8	2,207.7	(NA)	1,182.6	2,982.3	(NA)	(NA)	(NA)	35.53	61	44	7,012.1
1899.....	65,834	(NA)	1,732.2	871.3	1,604.8	(NA)	729.4	1,763.3	(NA)	(NA)	(NA)	35.71	42	30	4,850.0
New York:															
1967.....	42,911	14,730	1,929.2	13,851.5	1,284.5	2,509.8	7,334.7	25,246.7	24,458.6	49,418.7	1,310.3	9.98	101	121	19,323.2
1963.....	47,041	15,022	1,853.0	11,289.7	1,247.8	2,431.3	6,163.5	19,539.3	(NA)	(NA)	783.4	10.92	97	106	16,958.4
1958.....	49,441	15,000	1,915.9	9,627.7	1,303.1	2,487.1	5,423.6	15,892.6	(NA)	(NA)	792.2	11.96	100	100	16,025.2
1954.....	50,402	15,156	2,000.7	8,444.2	1,470.1	2,842.6	5,231.9	14,140.5	(NA)	(NA)	572.1	12.42	104	100	16,098.7
1947.....	47,782	(NA)	1,773.1	5,277.7	1,425.0	(NA)	3,821.5	9,655.9	(NA)	(NA)	(NA)	12.40	93	89	14,294.0
1939.....	32,672	(NA)	1,211.0	1,749.7	949.4	(NA)	1,151.8	3,313.6	(NA)	(NA)	(NA)	12.71	63	59	9,527.3
1929.....	39,395	(NA)	1,331.4	2,294.9	1,106.0	(NA)	1,650.4	4,973.9	(NA)	(NA)	(NA)	13.78	70	60	9,659.7
1919.....	48,331	(NA)	1,467.4	1,961.4	1,221.9	(NA)	1,450.1	3,908.9	(NA)	(NA)	(NA)	14.92	77	61	9,836.8
1909.....	44,935	(NA)	1,155.7	743.3	1,004.0	(NA)	557.2	1,512.6	(NA)	(NA)	(NA)	16.48	60	44	7,012.1
1899.....	35,957	(NA)	794.9	414.1	726.9	(NA)	337.3	853.5	(NA)	(NA)	(NA)	16.39	41	30	4,850.0
New Jersey:															
1967.....	14,740	5,903	881.3	6,325.4	603.7	1,203.7	3,617.8	12,738.2	13,151.2	25,761.7	824.3	4.56	111	121	19,323.2
1963.....	15,208	5,528	829.2	5,121.3	573.8	1,145.4	3,021.0	9,957.3	(NA)	(NA)	525.0	4.89	104	106	16,958.4
1958.....	14,219	4,994	795.0	4,066.5	564.2	1,100.0	2,508.1	7,499.5	(NA)	(NA)	449.7	4.96	100	100	16,025.2
1954.....	13,183	4,748	812.4	3,507.1	605.1	1,187.7	2,280.1	6,331.7	(NA)	(NA)	359.8	5.04	102	100	16,098.7
1947.....	10,765	(NA)	739.0	2,216.9	602.3	(NA)	1,645.5	4,186.1	(NA)	(NA)	(NA)	5.17	93	89	14,294.0
1939.....	7,438	(NA)	531.1	753.9	431.6	(NA)	519.1	1,518.2	(NA)	(NA)	(NA)	5.57	67	59	9,527.3
1929.....	8,388	(NA)	516.6	808.9	442.3	(NA)	610.6	1,771.4	(NA)	(NA)	(NA)	5.34	65	60	9,659.7
1919.....	10,564	(NA)	590.9	769.3	507.1	(NA)	598.5	1,397.8	(NA)	(NA)	(NA)	6.00	74	61	9,836.8
1909.....	8,817	(NA)	363.1	218.0	326.2	(NA)	169.7	425.5	(NA)	(NA)	(NA)	5.17	46	44	7,012.1
1899.....	6,415	(NA)	229.3	114.2	214.0	(NA)	95.2	218.3	(NA)	(NA)	(NA)	4.73	29	30	4,850.0
Pennsylvania:															
1967.....	18,771	8,369	1,549.5	10,349.7	1,136.2	2,211.3	6,488.7	19,276.8	19,574.0	38,590.5	1,633.4	8.02	111	121	19,323.2
1963.....	19,459	7,981	1,392.9	8,008.6	1,028.0	2,002.1	5,110.7	14,043.6	(NA)	(NA)	777.4	8.21	99	106	16,958.4
1958.....	19,337	7,735	1,402.0	6,776.1	1,034.2	1,960.6	4,353.7	11,422.6	(NA)	(NA)	816.3	8.75	100	100	16,025.2
1954.....	18,795	7,631	1,471.1	5,903.9	1,137.2	2,187.0	4,012.9	9,930.5	(NA)	(NA)	619.1	9.14	105	100	16,098.7
1947.....	16,794	(NA)	1,441.7	3,925.2	1,221.4	(NA)	3,057.6	6,926.1	(NA)	(NA)	(NA)	10.09	103	89	14,294.0
1939.....	13,116	(NA)	1,015.8	1,356.2	853.4	(NA)	997.6	2,476.9	(NA)	(NA)	(NA)	10.66	72	59	9,527.3
1929.....	16,947	(NA)	1,154.9	1,749.3	1,014.0	(NA)	1,379.4	3,430.6	(NA)	(NA)	(NA)	11.96	82	60	9,659.7
1919.....	26,614	(NA)	1,290.2	1,732.9	1,130.6	(NA)	1,399.2	3,093.0	(NA)	(NA)	(NA)	13.12	92	61	9,836.8
1909.....	27,563	(NA)	972.4	566.5	877.5	(NA)	455.6	1,044.2	(NA)	(NA)	(NA)	13.87	69	44	7,012.1
1899.....	23,462	(NA)	707.9	343.0	664.0	(NA)	296.9	691.6	(NA)	(NA)	(NA)	14.60	50	30	4,850.0

See footnotes at end of table.

TABLE 7. General and Comparative Statistics by Geographic Areas: 1967 and Earlier Years—Continued

Geographic area <sup>1</sup> and year	Establishments <sup>2</sup>		All employees <sup>2</sup>		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new <sup>3</sup>	Comparative indexes and U.S. employment			
	Total	With 20 employees or more	Number	Payroll	Number	Man- hours	Wages					Percent of U.S. employ- ment	Index of employ- ment change (1958= 100)	United States	
														Index of employment change (1958= 100)	Employees
DIVISION AND STATE--Con.															
East North Central Division:															
1967.....	63,062	24,563	5,150.8	38,495.2	3,728.0	7,495.2	24,719.7	75,015.6	85,377.5	159,620.3	6,058.6	26.66	121	121	19,323.2
1963.....	63,094	22,325	4,483.7	29,212.1	3,234.0	6,615.6	18,883.1	56,328.0	(NA)	(NA)	3,221.1	26.44	105	106	16,958.4
1958.....	61,769	20,885	4,261.3	22,992.1	3,028.1	5,924.5	14,541.7	40,961.8	(NA)	(NA)	2,710.8	26.59	100	100	16,025.2
1954.....	58,946	20,495	4,598.3	20,893.2	3,489.2	6,958.2	14,262.3	36,491.4	(NA)	(NA)	2,653.9	28.56	108	100	16,098.7
1947.....	50,569	(NA)	4,322.8	13,019.8	3,567.8	(NA)	9,940.5	23,474.2	(NA)	(NA)	1,863.5	30.24	101	89	14,294.0
1939.....	38,013	(NA)	2,692.8	4,092.1	2,180.6	(NA)	2,932.4	7,744.4	(NA)	(NA)	(NA)	28.26	63	59	9,527.3
1929.....	46,396	(NA)	2,949.4	4,841.3	2,542.2	(NA)	3,738.8	9,973.5	(NA)	(NA)	(NA)	30.53	69	60	9,659.7
1919.....	58,717	(NA)	2,834.6	3,849.4	2,387.5	(NA)	2,981.2	7,093.8	(NA)	(NA)	(NA)	28.81	66	61	9,836.8
1909.....	60,013	(NA)	1,729.5	1,077.7	1,513.8	(NA)	827.2	2,177.2	(NA)	(NA)	(NA)	24.67	41	44	7,012.1
1899.....	50,521	(NA)	1,176.7	574.5	1,073.3	(NA)	473.0	1,205.5	(NA)	(NA)	(NA)	24.26	28	30	4,850.0
Ohio:															
1967.....	15,428	6,285	1,397.0	10,523.1	998.1	2,014.5	6,745.4	20,435.4	21,589.5	41,845.3	1,694.1	7.23	116	121	19,323.2
1963.....	15,484	5,800	1,239.8	8,125.4	885.7	1,799.7	5,257.2	15,506.1	(NA)	(NA)	847.8	7.31	103	106	16,958.4
1958.....	15,203	5,534	1,201.0	6,522.5	856.5	1,658.5	4,170.2	11,472.5	(NA)	(NA)	795.8	7.50	100	100	16,025.2
1954.....	14,550	5,479	1,292.2	5,821.0	985.7	1,946.8	4,015.3	10,154.4	(NA)	(NA)	760.9	8.02	108	100	16,098.7
1947.....	12,302	(NA)	1,194.3	3,559.5	988.1	(NA)	2,727.0	6,358.0	(NA)	(NA)	(NA)	8.36	99	89	14,294.0
1939.....	9,543	(NA)	731.7	1,120.8	595.5	(NA)	809.4	2,116.4	(NA)	(NA)	(NA)	7.68	61	58	9,527.3
1929.....	11,855	(NA)	853.4	1,404.2	741.1	(NA)	1,102.2	2,889.8	(NA)	(NA)	(NA)	8.83	71	60	9,659.7
1919.....	15,585	(NA)	867.3	1,214.6	728.3	(NA)	941.3	2,182.6	(NA)	(NA)	(NA)	8.82	72	61	9,836.8
1909.....	15,138	(NA)	508.3	317.6	446.9	(NA)	245.5	613.7	(NA)	(NA)	(NA)	7.25	42	44	7,012.1
1899.....	13,868	(NA)	336.2	164.6	308.1	(NA)	136.4	339.4	(NA)	(NA)	(NA)	6.93	28	30	4,850.0
Indiana:															
1967.....	6,920	2,917	710.2	5,023.2	543.6	1,078.1	3,453.5	10,308.0	11,706.0	21,856.0	1,004.4	3.68	129	121	19,323.2
1963.....	6,860	2,547	609.8	3,794.3	463.1	937.2	2,622.1	7,726.9	(NA)	(NA)	555.2	3.60	111	106	16,958.4
1958.....	6,612	2,444	551.0	2,874.7	407.5	796.0	1,912.8	5,502.1	(NA)	(NA)	515.3	3.44	100	100	16,025.2
1954.....	6,355	2,344	588.4	2,533.4	458.9	904.1	1,798.8	4,632.0	(NA)	(NA)	301.5	3.65	106	100	16,098.7
1947.....	5,403	(NA)	548.3	1,582.8	457.5	(NA)	1,232.2	2,970.0	(NA)	(NA)	(NA)	3.83	99	89	14,294.0
1939.....	4,192	(NA)	337.9	474.1	275.3	(NA)	342.7	964.7	(NA)	(NA)	(NA)	3.55	61	59	9,527.3
1929.....	5,091	(NA)	359.9	534.2	314.7	(NA)	418.8	1,136.5	(NA)	(NA)	(NA)	3.73	65	60	9,659.7
1919.....	7,558	(NA)	332.4	400.9	276.7	(NA)	316.0	721.7	(NA)	(NA)	(NA)	3.38	60	61	9,836.8
1909.....	7,969	(NA)	210.6	121.8	187.0	(NA)	95.5	244.7	(NA)	(NA)	(NA)	3.00	38	44	7,012.1
1899.....	7,128	(NA)	149.5	69.3	139.0	(NA)	59.3	141.9	(NA)	(NA)	(NA)	3.08	27	30	4,850.0
Illinois:															
1967.....	18,536	7,477	1,397.3	10,013.9	995.1	1,978.8	6,180.0	20,016.5	21,559.6	41,333.7	1,493.4	7.23	117	121	19,323.2
1963.....	18,593	6,974	1,211.2	7,560.6	855.9	1,717.0	4,655.4	14,641.5	(NA)	(NA)	775.6	7.14	102	106	16,958.4
1958.....	18,468	6,586	1,189.9	6,224.8	835.2	1,631.8	3,833.5	11,664.1	(NA)	(NA)	730.7	7.42	100	100	16,025.2
1954.....	17,628	6,377	1,222.4	5,420.9	903.0	1,787.7	3,518.6	9,663.8	(NA)	(NA)	551.7	7.59	103	100	16,098.7
1947.....	15,993	(NA)	1,186.1	3,589.4	955.1	(NA)	2,628.6	6,683.1	(NA)	(NA)	(NA)	5.27	100	89	14,294.0
1939.....	11,983	(NA)	752.7	1,107.6	591.0	(NA)	742.5	2,187.2	(NA)	(NA)	(NA)	8.68	63	59	9,527.3
1929.....	15,333	(NA)	827.5	1,393.6	691.6	(NA)	1,024.9	2,930.0	(NA)	(NA)	(NA)	7.65	70	60	9,659.7
1919.....	17,808	(NA)	785.9	1,071.0	650.0	(NA)	797.1	1,929.1	(NA)	(NA)	(NA)	8.00	67	61	9,836.8
1909.....	18,026	(NA)	543.7	364.8	465.8	(NA)	273.3	758.4	(NA)	(NA)	(NA)	7.75	46	44	7,012.1
1899.....	14,374	(NA)	373.8	199.7	332.9	(NA)	159.1	439.4	(NA)	(NA)	(NA)	7.71	32	30	4,850.0
Michigan:															
1967.....	14,340	5,157	1,134.1	9,357.2	816.7	1,669.2	6,008.0	17,241.6	22,011.1	39,133.2	1,360.2	5.87	129	121	19,323.2
1963.....	14,220	4,537	961.1	6,950.7	690.8	1,473.9	4,521.0	13,090.3	(NA)	(NA)	761.8	5.67	109	106	16,958.4
1958.....	13,596	3,990	880.0	5,161.2	608.9	1,204.1	3,184.8	8,363.6	(NA)	(NA)	465.3	5.49	100	100	16,025.2
1954.....	12,711	4,001	1,056.0	5,248.9	809.3	1,650.3	3,661.0	8,707.2	(NA)	(NA)	870.5	6.56	120	100	16,098.7
1947.....	9,891	(NA)	975.5	3,097.3	823.3	(NA)	2,444.6	5,200.1	(NA)	(NA)	(NA)	6.82	111	89	14,294.0
1939.....	5,961	(NA)	618.7	1,025.0	520.2	(NA)	788.0	1,794.0	(NA)	(NA)	(NA)	6.49	70	59	9,527.3
1929.....	6,686	(NA)	599.2	1,041.8	530.0	(NA)	840.5	2,067.3	(NA)	(NA)	(NA)	6.20	68	60	9,659.7
1919.....	8,046	(NA)	541.2	787.2	470.3	(NA)	638.4	1,544.6	(NA)	(NA)	(NA)	5.50	61	61	9,836.8
1909.....	9,159	(NA)	262.1	153.8	231.5	(NA)	119.0	316.5	(NA)	(NA)	(NA)	3.74	30	44	7,012.1
1899.....	7,310	(NA)	169.2	74.9	155.8	(NA)	62.5	143.7	(NA)	(NA)	(NA)	3.49	19	30	4,850.0
Wisconsin:															
1967.....	7,838	2,727	512.2	3,577.8	374.5	754.8	2,332.8	7,014.1	8,511.3	15,452.1	506.6	2.65	117	121	19,323.2
1963.....	7,937	2,467	461.8	2,781.1	338.5	687.8	1,827.4	5,363.2	(NA)	(NA)	280.7	2.72	105	106	16,958.4
1958.....	7,890	2,331	439.4	2,208.9	320.0	634.1	1,440.4	3,959.5	(NA)	(NA)	203.7	2.74	100	100	16,025.2
1954.....	7,702	2,294	439.2	1,869.1	332.3	669.3	1,268.6	3,334.0	(NA)	(NA)	169.4	2.73	100	100	16,098.7
1947.....	6,980	(NA)	418.7	1,190.8	343.9	(NA)	908.2	2,263.0	(NA)	(NA)	(NA)	2.93	95	89	14,294.0
1939.....	6,334	(NA)	251.8	364.6	198.6	(NA)	249.9	682.0	(NA)	(NA)	(NA)	2.64	57	59	9,527.3
1929.....	7,431	(NA)	309.4	467.5	264.7	(NA)	352.5	949.8	(NA)	(NA)	(NA)	3.20	70	60	9,659.7
1919.....	9,720	(NA)	308.0	375.7	262.2	(NA)	288.7	715.8	(NA)	(NA)	(NA)	3.13	70	61	9,836.8
1909.....	9,721	(NA)	204.9	119.6	182.6	(NA)	93.9	243.9	(NA)	(NA)	(NA)	2.92	47	44	7,012.1
1899.....	7,841	(NA)	148.0	66.2	137.5	(NA)	55.7	141.1	(NA)	(NA)	(NA)	3.05	34	30	4,850.0

See footnotes at end of table.



TABLE 7. General and Comparative Statistics by Geographic Areas: 1967 and Earlier Years—Continued

Geographic area <sup>1</sup> and year	Establishments <sup>2</sup>		All employees <sup>2</sup>		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new <sup>3</sup>	Comparative indexes and U.S. employment			
	Total	With 20 employees or more	Number	Payroll	Number	Man- hours	Wages					Percent of U.S. employ- ment	Index of employ- ment change (1958= 100)	United States	
														Index of employment change (1958= 100)	Employees
(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(1958= 100)	(1958= 100)	(1,000)
DIVISION AND STATE-- Continued															
West North Central Division:															
1967.....	20,623	6,893	1,205.9	8,164.8	855.2	1,710.4	5,043.6	16,772.6	25,610.8	42,142.3	1,050.6	6.24	125	121	19,323.2
1963.....	20,667	6,257	1,014.4	5,894.4	714.4	1,438.4	3,673.6	11,809.7	(NA)	(NA)	665.0	5.98	105	106	16,958.4
1958.....	20,406	5,836	964.0	4,615.5	685.5	1,342.5	2,913.7	8,869.7	(NA)	(NA)	560.8	6.02	100	100	16,025.2
1954.....	19,020	5,483	962.0	3,854.7	713.2	1,426.5	2,573.3	7,113.9	(NA)	(NA)	389.1	5.97	100	100	16,098.7
1947.....	17,389	(NA)	786.1	2,069.7	635.5	(NA)	1,507.2	4,115.7	(NA)	(NA)	340.5	5.50	82	89	14,294.0
1939.....	14,066	(NA)	490.7	642.7	376.2	(NA)	420.6	1,348.2	(NA)	(NA)	(NA)	5.15	51	59	9,527.3
1929.....	17,792	(NA)	567.2	804.7	474.1	(NA)	589.2	1,870.0	(NA)	(NA)	(NA)	5.87	59	60	9,659.7
1919.....	26,255	(NA)	603.9	734.6	492.1	(NA)	536.3	1,387.8	(NA)	(NA)	(NA)	6.14	63	61	9,836.8
1909.....	27,171	(NA)	437.8	274.3	374.3	(NA)	204.8	562.0	(NA)	(NA)	(NA)	6.24	45	44	7,012.1
1899.....	20,732	(NA)	296.7	146.3	266.1	(NA)	117.2	325.4	(NA)	(NA)	(NA)	6.12	31	30	4,850.0
Minnesota:															
1967.....	5,409	1,778	299.8	2,106.5	198.8	398.7	1,177.6	4,080.2	5,449.1	9,443.2	231.3	1.55	136	121	19,323.2
1963.....	5,500	1,587	245.9	1,478.6	165.6	331.6	865.4	2,806.1	(NA)	(NA)	159.1	1.45	111	106	16,958.4
1958.....	5,380	1,433	220.8	1,094.8	149.6	293.9	654.9	2,050.4	(NA)	(NA)	108.5	1.38	100	100	16,025.2
1954.....	5,027	1,316	208.5	865.3	151.1	305.3	560.5	1,594.5	(NA)	(NA)	82.2	1.29	94	100	16,098.7
1947.....	4,563	(NA)	181.5	508.4	145.0	(NA)	358.6	1,021.3	(NA)	(NA)	(NA)	1.27	80	89	14,294.0
1939.....	3,735	(NA)	102.2	143.4	78.0	(NA)	95.3	306.8	(NA)	(NA)	(NA)	1.07	46	59	9,527.3
1929.....	4,315	(NA)	124.2	180.1	103.4	(NA)	132.4	405.0	(NA)	(NA)	(NA)	1.28	56	60	9,659.7
1919.....	5,633	(NA)	140.4	169.8	113.8	(NA)	124.8	327.9	(NA)	(NA)	(NA)	1.43	64	61	9,836.8
1909.....	5,561	(NA)	99.0	62.9	84.8	(NA)	47.5	127.8	(NA)	(NA)	(NA)	1.41	45	44	7,012.1
1899.....	4,096	(NA)	71.2	35.1	64.6	(NA)	29.0	73.4	(NA)	(NA)	(NA)	1.47	32	30	4,850.0
Iowa:															
1967.....	3,388	1,092	210.1	1,434.6	154.0	310.0	946.1	3,250.9	5,498.1	8,681.0	230.7	1.09	126	121	19,323.2
1963.....	3,496	982	178.2	1,046.7	126.9	256.4	687.0	2,287.0	(NA)	(NA)	127.0	1.05	107	106	16,958.4
1958.....	3,596	945	166.1	812.5	120.7	241.0	537.7	1,684.3	(NA)	(NA)	103.2	1.04	100	100	16,025.2
1954.....	3,320	881	163.7	648.4	122.8	248.7	443.6	1,236.0	(NA)	(NA)	73.4	1.02	99	100	16,098.7
1947.....	2,963	(NA)	140.4	372.3	112.5	(NA)	275.4	671.0	(NA)	(NA)	(NA)	0.98	85	89	14,294.0
1939.....	2,541	(NA)	88.1	114.1	64.8	(NA)	72.9	243.4	(NA)	(NA)	(NA)	0.92	53	59	9,527.3
1929.....	3,317	(NA)	97.4	137.2	81.7	(NA)	102.3	323.8	(NA)	(NA)	(NA)	1.01	59	60	9,659.7
1919.....	5,104	(NA)	98.5	122.2	79.2	(NA)	88.4	221.8	(NA)	(NA)	(NA)	1.00	59	61	9,836.8
1909.....	5,528	(NA)	73.0	43.5	61.6	(NA)	32.5	88.5	(NA)	(NA)	(NA)	1.04	44	44	7,012.1
1899.....	4,828	(NA)	49.6	22.3	44.4	(NA)	18.0	47.1	(NA)	(NA)	(NA)	1.02	30	30	4,850.0
Missouri:															
1967.....	6,545	2,457	452.2	3,048.9	320.9	631.3	1,851.7	5,895.0	8,229.0	14,085.4	346.8	2.34	119	121	19,323.2
1963.....	6,540	2,325	391.4	2,235.2	276.2	547.8	1,361.7	4,296.0	(NA)	(NA)	211.1	2.31	103	106	16,958.4
1958.....	6,588	2,215	380.5	1,771.1	271.5	519.3	1,088.7	3,250.8	(NA)	(NA)	185.9	2.37	100	100	16,025.2
1954.....	6,198	2,179	381.9	1,496.7	285.4	552.7	977.3	2,727.3	(NA)	(NA)	124.4	2.38	97	100	16,098.7
1947.....	5,721	(NA)	327.1	826.2	269.4	(NA)	606.8	1,620.9	(NA)	(NA)	(NA)	2.29	86	89	14,294.0
1939.....	4,487	(NA)	220.3	280.7	176.0	(NA)	187.5	581.8	(NA)	(NA)	(NA)	2.31	58	59	9,527.3
1929.....	5,765	(NA)	240.6	332.3	202.9	(NA)	240.4	777.5	(NA)	(NA)	(NA)	2.49	63	60	9,659.7
1919.....	8,715	(NA)	235.8	273.7	193.8	(NA)	194.9	534.6	(NA)	(NA)	(NA)	2.40	62	61	9,836.8
1909.....	8,375	(NA)	177.5	109.8	153.0	(NA)	80.8	219.7	(NA)	(NA)	(NA)	2.53	47	44	7,012.1
1899.....	6,853	(NA)	120.2	60.0	107.7	(NA)	46.7	132.1	(NA)	(NA)	(NA)	2.48	32	30	4,850.0
North Dakota:															
1967.....	454	92	7.5	41.6	5.2	10.7	26.1	112.8	255.5	365.4	6.3	0.04	119	121	19,323.2
1963.....	459	78	6.5	31.5	4.5	9.1	19.8	72.4	(NA)	(NA)	8.1	0.04	103	106	16,958.4
1958.....	405	79	6.3	26.3	4.4	8.8	17.0	62.6	(NA)	(NA)	9.1	0.04	100	100	16,025.2
1954.....	367	65	5.6	19.2	3.9	8.3	12.5	35.0	(NA)	(NA)	16.2	0.03	89	100	16,098.7
1947.....	361	(NA)	5.2	12.3	3.8	(NA)	8.5	29.4	(NA)	(NA)	(NA)	0.04	82	89	14,294.0
1939.....	342	(NA)	4.1	5.0	2.6	(NA)	2.7	11.0	(NA)	(NA)	(NA)	0.04	64	59	9,527.3
1929.....	373	(NA)	5.0	7.8	4.0	(NA)	5.7	15.6	(NA)	(NA)	(NA)	0.05	79	60	9,659.7
1919.....	755	(NA)	5.0	6.4	4.2	(NA)	5.0	12.2	(NA)	(NA)	(NA)	0.05	79	61	9,836.8
1909.....	752	(NA)	3.4	2.4	2.8	(NA)	1.8	5.5	(NA)	(NA)	(NA)	0.05	54	44	7,012.1
1899.....	337	(NA)	1.5	0.8	1.4	(NA)	0.7	2.1	(NA)	(NA)	(NA)	0.03	24	30	4,850.0
South Dakota:															
1967.....	604	137	15.5	92.5	11.3	22.4	61.7	171.3	494.5	663.3	8.2	0.08	120	121	19,323.2
1963.....	586	115	13.2	70.0	9.6	19.9	48.0	140.0	(NA)	(NA)	7.3	0.08	102	106	16,958.4
1958.....	575	109	12.9	54.8	9.6	18.6	37.5	114.3	(NA)	(NA)	5.2	0.08	100	100	16,025.2
1954.....	546	92	11.5	41.1	8.4	18.0	28.0	77.7	(NA)	(NA)	3.4	0.07	89	100	16,098.7
1947.....	494	87	10.3	25.8	8.1	17.7	19.2	51.4	(NA)	(NA)	3.4	0.07	80	89	14,294.0
1939.....	450	(NA)	7.3	9.0	5.4	(NA)	5.9	19.6	(NA)	(NA)	(NA)	0.08	57	59	9,527.3
1929.....	615	(NA)	7.8	10.7	6.5	(NA)	8.1	22.7	(NA)	(NA)	(NA)	0.08	60	60	9,659.7
1919.....	1,054	(NA)	6.8	8.8	5.6	(NA)	6.8	17.1	(NA)	(NA)	(NA)	0.07	53	61	9,836.8
1909.....	1,020	(NA)	4.3	2.9	3.6	(NA)	2.3	6.4	(NA)	(NA)	(NA)	0.06	33	44	7,012.1
1899.....	624	(NA)	2.5	1.3	2.2	(NA)	1.1	3.0	(NA)	(NA)	(NA)	0.05	19	30	4,950.0

See footnotes at end of table.

TABLE 7. General and Comparative Statistics by Geographic Areas: 1967 and Earlier Years—Continued

Geographic area <sup>1</sup> and year	Establishments <sup>2</sup>		All employees <sup>2</sup>		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new <sup>3</sup>	Comparative indexes and U.S. employment			
	Total	With 20 employees or more	Number	Payroll	Number	Man- hours	Wages					Percent of U.S. employ- ment	Index of employ- ment change (1958= 100)	United States	
														Index of employ- ment change (1958= 100)	Employees
DIVISION AND STATE-- Continued															
West North Central Division --Continued															
Nebraska:															
1967.....	1,672	525	77.0	475.9	58.4	119.2	325.0	1,150.0	2,402.7	3,531.7	71.4	0.40	131	121	19,323.2
1963.....	1,611	474	64.9	348.0	47.0	96.7	228.5	746.6	(NA)	(NA)	46.1	0.38	111	106	16,958.4
1958.....	1,553	412	58.6	265.2	42.9	87.0	174.2	536.3	(NA)	(NA)	49.9	0.37	100	100	16,025.2
1954.....	1,423	378	59.4	223.5	43.4	90.4	150.7	394.2	(NA)	(NA)	36.4	0.37	101	100	16,098.7
1947.....	1,341	(NA)	47.0	119.9	37.3	(NA)	87.4	260.6	(NA)	(NA)	(NA)	0.33	80	89	14,294.0
1939.....	1,093	(NA)	26.2	34.1	18.4	(NA)	20.2	68.1	(NA)	(NA)	(NA)	0.27	45	59	9,527.3
1929.....	1,491	(NA)	34.8	51.3	28.2	(NA)	36.9	120.0	(NA)	(NA)	(NA)	0.36	59	60	9,659.7
1919.....	2,385	(NA)	44.9	60.1	35.4	(NA)	44.5	112.6	(NA)	(NA)	(NA)	0.46	77	61	9,836.8
1909.....	2,500	(NA)	29.4	19.4	24.3	(NA)	13.9	47.9	(NA)	(NA)	(NA)	0.42	50	44	7,012.1
1899.....	1,695	(NA)	21.0	11.0	18.7	(NA)	8.8	34.3	(NA)	(NA)	(NA)	0.43	36	30	4,850.0
Kansas:															
1967.....	2,551	812	143.8	964.8	106.5	218.1	655.4	2,112.4	3,281.9	5,372.3	155.9	0.74	121	121	19,323.2
1963.....	2,475	696	114.3	684.4	84.6	176.9	463.2	1,461.6	(NA)	(NA)	106.3	0.67	96	106	16,958.4
1958.....	2,309	643	118.8	590.8	86.6	173.9	403.7	1,171.0	(NA)	(NA)	99.0	0.74	100	100	16,025.2
1954.....	2,139	572	131.4	560.5	98.2	203.1	400.6	2,049.3	(NA)	(NA)	53.0	0.82	111	100	16,098.7
1947.....	1,946	(NA)	74.6	204.8	59.4	(NA)	151.3	461.1	(NA)	(NA)	(NA)	0.52	63	89	14,294.0
1939.....	1,418	(NA)	42.6	56.4	30.9	(NA)	36.1	117.4	(NA)	(NA)	(NA)	0.45	36	59	9,527.3
1929.....	1,916	(NA)	57.3	85.2	47.4	(NA)	63.3	205.4	(NA)	(NA)	(NA)	0.59	48	60	9,659.7
1919.....	3,149	(NA)	72.5	93.6	60.2	(NA)	71.8	161.6	(NA)	(NA)	(NA)	0.74	61	61	9,836.8
1909.....	3,435	(NA)	51.1	33.3	44.2	(NA)	25.9	66.2	(NA)	(NA)	(NA)	0.73	43	44	7,012.1
1899.....	2,299	(NA)	30.7	15.9	27.1	(NA)	12.8	33.3	(NA)	(NA)	(NA)	0.63	26	30	4,850.0
South Atlantic Division:															
1967.....	37,961	13,138	2,501.5	14,014.0	1,948.9	3,905.5	9,226.2	29,312.8	35,325.5	64,398.8	2,805.7	12.95	133	121	19,323.2
1963.....	35,546	11,809	2,124.8	10,008.4	1,665.1	3,347.9	6,691.5	21,148.5	(NA)	(NA)	1,569.9	12.53	113	106	16,958.4
1958.....	33,425	10,535	1,884.9	7,253.6	1,498.3	2,894.8	4,974.2	14,354.9	(NA)	(NA)	1,078.2	11.76	100	100	16,025.2
1954.....	30,530	9,424	1,777.7	5,696.5	1,466.3	2,847.8	4,072.2	10,657.7	(NA)	(NA)	789.3	11.04	94	100	16,098.7
1947.....	24,000	(NA)	1,523.9	3,371.4	1,344.8	(NA)	2,710.0	6,941.9	(NA)	(NA)	677.7	10.66	81	89	14,294.0
1939.....	16,657	(NA)	1,110.7	1,073.7	977.6	(NA)	818.1	2,217.0	(NA)	(NA)	(NA)	11.66	59	59	9,527.3
1929.....	20,860	(NA)	1,000.0	1,033.7	912.2	(NA)	825.9	2,458.2	(NA)	(NA)	(NA)	10.35	53	60	9,659.7
1919.....	28,682	(NA)	896.6	940.1	812.1	(NA)	771.8	1,847.0	(NA)	(NA)	(NA)	9.11	48	61	9,836.8
1909.....	28,270	(NA)	715.0	301.7	663.0	(NA)	224.4	591.2	(NA)	(NA)	(NA)	10.20	38	44	7,012.1
1899.....	19,144	(NA)	482.7	153.6	458.3	(NA)	130.9	316.1	(NA)	(NA)	(NA)	9.95	26	30	4,850.0
Delaware:															
1967.....	528	253	70.7	588.4	38.8	75.8	228.1	958.4	1,520.8	2,484.3	115.9	0.37	122	121	19,323.2
1963.....	569	243	58.4	429.6	30.4	61.5	159.0	658.2	(NA)	(NA)	88.8	0.34	101	106	16,958.4
1958.....	569	222	57.8	347.6	30.0	57.3	125.2	419.8	(NA)	(NA)	27.9	0.36	100	100	16,025.2
1954.....	556	209	54.5	267.4	31.0	60.5	104.9	353.1	(NA)	(NA)	23.4	0.34	94	100	16,098.7
1947.....	483	(NA)	34.7	92.9	29.3	(NA)	70.6	183.1	(NA)	(NA)	(NA)	0.24	60	89	14,294.0
1939.....	416	(NA)	23.4	29.1	19.8	(NA)	21.2	54.1	(NA)	(NA)	(NA)	0.25	40	59	9,527.3
1929.....	460	(NA)	26.6	37.4	23.6	(NA)	29.1	69.2	(NA)	(NA)	(NA)	0.27	46	60	9,659.7
1919.....	653	(NA)	33.2	44.9	29.0	(NA)	37.2	79.5	(NA)	(NA)	(NA)	0.34	57	61	9,836.8
1909.....	726	(NA)	23.3	12.6	21.2	(NA)	10.3	21.9	(NA)	(NA)	(NA)	0.33	40	44	7,012.1
1899.....	633	(NA)	21.8	9.8	20.6	(NA)	8.5	16.6	(NA)	(NA)	(NA)	0.45	37	30	4,850.0
Maryland:															
1967.....	3,401	1,463	287.6	1,956.0	205.4	405.6	1,208.5	3,781.3	4,303.1	8,066.3	251.6	1.49	111	121	19,323.2
1963.....	3,519	1,394	263.7	1,549.8	188.9	375.9	960.5	3,017.2	(NA)	(NA)	176.3	1.55	102	106	16,958.4
1958.....	3,435	1,334	259.1	1,257.4	190.5	368.5	813.3	2,394.4	(NA)	(NA)	128.1	1.62	100	100	16,025.2
1954.....	3,253	1,279	255.4	1,002.0	195.9	384.2	675.1	1,888.6	(NA)	(NA)	93.9	1.59	99	100	16,098.7
1947.....	2,826	(NA)	228.7	612.3	188.7	(NA)	458.3	1,139.2	(NA)	(NA)	(NA)	1.60	88	89	14,294.0
1939.....	2,712	(NA)	166.1	209.2	140.9	(NA)	155.9	420.6	(NA)	(NA)	(NA)	1.74	64	59	9,527.3
1929.....	3,231	(NA)	150.9	195.0	131.1	(NA)	148.8	422.1	(NA)	(NA)	(NA)	1.56	58	60	9,659.7
1919.....	4,725	(NA)	159.4	188.2	139.2	(NA)	146.6	322.1	(NA)	(NA)	(NA)	1.62	62	61	9,836.8
1909.....	4,837	(NA)	120.1	59.1	107.9	(NA)	45.4	116.6	(NA)	(NA)	(NA)	1.71	46	44	7,012.1
1899.....	3,886	(NA)	100.9	39.3	94.2	(NA)	32.4	81.7	(NA)	(NA)	(NA)	2.08	39	30	4,850.0
District of Columbia:															
1967.....	593	155	23.1	178.7	11.7	21.7	77.4	332.8	258.8	589.7	17.0	0.12	108	121	19,323.2
1963.....	617	167	22.1	147.6	11.3	21.3	64.7	256.8	(NA)	(NA)	13.0	0.13	104	106	16,958.4
1958.....	561	142	21.3	114.0	11.2	21.3	52.8	198.1	(NA)	(NA)	14.7	0.13	100	100	16,025.2
1954.....	484	148	20.7	92.3	11.8	22.4	44.7	157.2	(NA)	(NA)	6.5	0.13	100	100	16,098.7
1947.....	428	156	17.8	55.9	10.0	21.3	27.7	99.1	(NA)	(NA)	4.5	0.13	97	89	14,294.0
1939.....	452	(NA)	14.4	24.9	7.7	(NA)	11.5	43.4	(NA)	(NA)	(NA)	0.12	84	59	9,527.3
1929.....	547	(NA)	14.0	25.4	9.8	(NA)	11.5	52.8	(NA)	(NA)	(NA)	0.15	68	60	9,659.7
1919.....	568	(NA)	13.3	18.5	10.3	(NA)	13.0	37.4	(NA)	(NA)	(NA)	0.14	68	61	9,836.8
1909.....	518	(NA)	9.3	6.8	7.7	(NA)	5.0	15.0	(NA)	(NA)	(NA)	0.14	63	44	7,012.1
1899.....	491	(NA)	7.1	3.9	6.2	(NA)	3.0	9.0	(NA)	(NA)	(NA)	0.13	44	30	4,850.0

See footnotes at end of table.



TABLE 7. General and Comparative Statistics by Geographic Areas: 1967 and Earlier Years—Continued

Geographic area <sup>1</sup> and year	Establishments <sup>2</sup>		All employees <sup>2</sup>		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new <sup>3</sup>	Comparative indexes and U.S. employment			
	Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					Percent of U.S. employment	Index of employment change (1958= 100)	United States	
														Index of employment change (1958= 100)	Employees
	(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(1958= 100)	(1958= 100)	(1,000)
DIVISION AND STATE--Continued															
South Atlantic Division--Continued															
Virginia:															
1967.....	4,938	1,620	339.8	1,905.1	268.2	535.0	1,296.1	4,067.7	4,543.0	8,605.8	347.0	1.76	132	121	19,323.2
1963.....	4,543	1,573	302.1	1,432.0	239.6	480.2	992.1	3,046.2	(NA)	(NA)	231.8	1.78	117	106	16,958.4
1958.....	4,472	1,381	258.1	986.5	204.4	397.6	686.8	2,122.7	(NA)	(NA)	146.5	1.61	100	100	16,025.2
1954.....	4,398	1,290	242.8	776.8	202.7	394.7	576.8	1,629.0	(NA)	(NA)	109.9	1.51	94	100	16,098.7
1947.....	3,643	(NA)	216.5	483.6	189.9	(NA)	384.3	1,050.6	(NA)	(NA)	(NA)	1.51	84	89	14,294.0
1939.....	2,494	(NA)	150.2	150.7	132.1	(NA)	113.8	376.3	(NA)	(NA)	(NA)	1.58	58	59	9,527.3
1929.....	3,287	(NA)	131.6	147.4	120.3	(NA)	118.1	380.1	(NA)	(NA)	(NA)	1.36	51	60	9,659.7
1919.....	5,487	(NA)	132.8	145.4	119.0	(NA)	119.6	271.1	(NA)	(NA)	(NA)	1.35	51	61	9,836.8
1909.....	5,867	(NA)	114.2	47.3	105.7	(NA)	38.2	94.2	(NA)	(NA)	(NA)	1.63	44	44	7,012.1
1899.....	3,186	(NA)	70.1	23.9	66.2	(NA)	20.3	49.3	(NA)	(NA)	(NA)	1.44	27	30	4,850.0
West Virginia:															
1967.....	1,844	563	124.0	831.6	96.7	189.9	587.3	2,169.5	1,899.8	4,046.5	269.0	0.64	107	121	19,323.2
1963.....	1,832	528	117.0	700.1	90.2	179.8	491.3	1,886.4	(NA)	(NA)	173.0	0.69	101	106	16,958.4
1958.....	1,916	519	116.2	573.8	90.4	173.1	411.0	1,268.8	(NA)	(NA)	171.9	0.73	100	100	16,025.2
1954.....	2,027	517	122.4	494.9	97.3	185.7	354.7	988.2	(NA)	(NA)	98.9	0.76	105	100	16,098.7
1947.....	1,602	558	127.4	337.9	109.0	215.6	268.5	663.9	(NA)	(NA)	82.3	0.89	110	89	14,294.0
1939.....	1,094	(NA)	87.7	113.7	74.4	(NA)	87.8	213.3	(NA)	(NA)	(NA)	0.92	76	59	9,527.3
1929.....	1,488	(NA)	93.6	136.3	85.3	(NA)	115.3	251.6	(NA)	(NA)	(NA)	0.97	81	60	9,659.7
1919.....	2,627	(NA)	90.7	118.9	82.6	(NA)	101.3	199.6	(NA)	(NA)	(NA)	0.92	78	61	9,836.8
1909.....	2,586	(NA)	68.9	38.7	63.9	(NA)	33.0	69.1	(NA)	(NA)	(NA)	0.98	59	44	7,012.1
1899.....	1,824	(NA)	34.8	14.5	33.1	(NA)	12.6	29.8	(NA)	(NA)	(NA)	0.72	30	30	4,850.0
North Carolina:															
1967.....	8,266	3,379	643.8	3,066.1	537.8	1,070.2	2,210.1	6,606.5	8,592.8	15,129.6	664.6	3.33	139	121	19,323.2
1963.....	7,784	2,946	530.6	2,092.1	444.4	890.2	1,527.5	4,566.5	(NA)	(NA)	314.4	3.13	115	106	16,958.4
1958.....	7,352	2,628	461.5	1,486.7	391.7	747.4	1,109.7	3,077.9	(NA)	(NA)	191.3	2.88	100	100	16,025.2
1954.....	6,645	2,369	434.9	1,185.6	380.1	719.4	915.7	2,210.5	(NA)	(NA)	129.6	2.70	93	100	16,098.7
1947.....	5,321	(NA)	381.4	758.8	350.2	(NA)	641.9	1,646.0	(NA)	(NA)	(NA)	2.67	83	89	14,294.0
1939.....	3,158	(NA)	293.3	245.9	269.2	(NA)	198.5	544.1	(NA)	(NA)	(NA)	3.08	63	59	9,527.3
1929.....	3,797	(NA)	226.4	198.8	209.8	(NA)	160.9	693.0	(NA)	(NA)	(NA)	2.34	49	60	9,659.7
1919.....	5,690	(NA)	167.8	148.4	156.4	(NA)	125.0	413.7	(NA)	(NA)	(NA)	1.70	36	61	9,836.8
1909.....	4,931	(NA)	128.0	41.3	121.5	(NA)	34.4	94.8	(NA)	(NA)	(NA)	1.83	28	44	7,012.1
1899.....	3,465	(NA)	75.2	16.4	72.3	(NA)	14.1	40.4	(NA)	(NA)	(NA)	1.55	16	30	4,850.0
South Carolina:															
1967.....	3,465	1,251	304.3	1,502.2	253.8	523.0	1,106.6	3,030.3	3,448.5	6,440.7	416.6	1.57	135	121	19,323.2
1963.....	3,057	1,076	261.6	1,049.3	221.9	455.3	797.2	2,111.1	(NA)	(NA)	179.8	1.54	116	106	16,958.4
1958.....	2,911	939	225.5	732.1	193.9	381.5	565.0	1,360.1	(NA)	(NA)	75.6	1.41	100	100	16,025.2
1954.....	2,720	834	219.9	634.8	190.1	378.9	487.0	1,040.9	(NA)	(NA)	59.6	1.37	98	100	16,098.7
1947.....	2,135	(NA)	188.8	377.1	175.9	(NA)	330.7	793.9	(NA)	(NA)	(NA)	1.32	84	89	14,294.0
1939.....	1,300	(NA)	136.1	103.2	126.4	(NA)	86.3	169.3	(NA)	(NA)	(NA)	1.43	60	59	9,527.3
1929.....	1,659	(NA)	113.9	86.0	108.8	(NA)	73.2	159.4	(NA)	(NA)	(NA)	1.18	50	60	9,659.7
1919.....	1,821	(NA)	84.0	72.3	78.9	(NA)	61.9	152.3	(NA)	(NA)	(NA)	0.85	37	61	9,836.8
1909.....	1,854	(NA)	76.3	24.1	73.0	(NA)	20.4	46.8	(NA)	(NA)	(NA)	1.09	34	44	7,012.1
1899.....	1,369	(NA)	48.4	10.4	47.0	(NA)	9.1	22.9	(NA)	(NA)	(NA)	1.00	21	30	4,850.0
Georgia:															
1967.....	6,976	2,268	423.1	2,231.2	339.3	684.6	1,522.2	4,683.6	7,054.6	11,713.0	423.3	2.19	135	121	19,323.2
1963.....	6,249	2,056	354.0	1,505.6	290.0	582.4	1,073.0	3,254.0	(NA)	(NA)	202.2	2.09	113	106	16,958.4
1958.....	5,860	1,844	314.1	1,075.0	261.1	500.3	775.9	2,102.3	(NA)	(NA)	169.9	1.96	100	100	16,025.2
1954.....	5,655	1,713	303.0	853.5	260.1	503.5	642.6	1,592.4	(NA)	(NA)	162.8	1.88	96	100	16,098.7
1947.....	4,755	(NA)	250.0	484.3	225.8	(NA)	399.9	1,016.1	(NA)	(NA)	(NA)	1.75	80	89	14,294.0
1939.....	3,055	(NA)	177.0	142.0	155.9	(NA)	106.2	280.0	(NA)	(NA)	(NA)	1.86	56	39	9,527.3
1929.....	4,179	(NA)	171.7	140.7	158.8	(NA)	110.4	294.6	(NA)	(NA)	(NA)	1.78	55	60	9,659.7
1919.....	4,608	(NA)	135.3	125.5	122.6	(NA)	100.1	251.1	(NA)	(NA)	(NA)	1.38	43	61	9,836.8
1909.....	4,792	(NA)	112.9	43.9	104.6	(NA)	34.8	85.9	(NA)	(NA)	(NA)	1.61	36	44	7,012.1
1899.....	3,015	(NA)	87.2	23.2	83.3	(NA)	20.0	45.2	(NA)	(NA)	(NA)	1.80	28	30	4,850.0
Florida:															
1967.....	7,950	2,186	285.1	1,754.7	197.3	399.8	990.0	3,682.7	3,704.1	7,322.9	300.7	1.48	166	121	19,323.2
1963.....	7,377	1,826	215.4	1,102.3	148.4	301.3	626.2	2,352.0	(NA)	(NA)	152.3	1.07	100	100	16,958.4
1958.....	6,349	1,526	171.3	680.5	125.1	247.8	434.5	1,410.8	(NA)	(NA)	152.3	1.07	100	100	16,025.2
1954.....	4,792	1,065	123.9	389.3	97.3	198.5	270.7	797.7	(NA)	(NA)	104.6	0.77	72	100	16,098.7
1947.....	2,807	755	78.7	168.8	66.0	139.9	128.2	350.0	(NA)	(NA)	50.1	0.55	46	89	14,294.0
1939.....	1,976	(NA)	62.6	55.4	51.1	(NA)	36.8	115.9	(NA)	(NA)	(NA)	0.66	37	59	9,527.3
1929.....	2,212	(NA)	71.3	66.7	64.9	(NA)	54.6	135.5	(NA)	(NA)	(NA)	0.74	42	60	9,659.7
1919.....	2,503	(NA)	80.1	78.0	74.2	(NA)	67.1	120.2	(NA)	(NA)	(NA)	0.81	47	61	9,836.8
1909.....	1,275	(NA)	37.3	12.2	35.5	(NA)	10.9	21.3	(NA)	(NA)	(NA)	0.77	22	30	4,850.0

See footnotes at end of table.

TABLE 7. General and Comparative Statistics by Geographic Areas: 1967 and Earlier Years—Continued

Geographic area <sup>1</sup> and year	Establishments <sup>2</sup>		All employees <sup>2</sup>		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new <sup>3</sup>	Comparative indexes and U.S. employment			
	Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					Percent of U.S. employment	Index of employment change	United States	
														Index of employment change	Employees
(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(1958=100)	(1958=100)	(1,000)	
DIVISION AND STATE--Continued															
East South Central Division:															
1967.....	15,746	5,528	1,091.8	5,908.7	878.4	1,735.5	4,162.5	13,717.9	16,096.8	29,658.2	1,405.8	5.65	139	121	19,323.2
1963.....	14,196	4,939	887.7	4,112.8	713.6	1,416.1	2,908.3	9,190.0	(NA)	(NA)	747.1	5.23	114	106	16,958.4
1958.....	13,800	4,381	779.8	3,072.8	626.7	1,210.3	2,189.7	6,389.1	(NA)	(NA)	396.0	4.87	100	100	16,025.2
1954.....	12,854	4,034	729.5	2,364.5	601.5	1,166.8	1,713.8	4,701.9	(NA)	(NA)	256.0	4.53	93	100	16,098.7
1947.....	10,911	(NA)	635.4	1,363.6	559.8	(NA)	1,096.5	2,884.4	(NA)	(NA)	(NA)	4.45	81	89	14,294.0
1939.....	7,024	(NA)	410.0	389.7	355.1	(NA)	288.7	823.1	(NA)	(NA)	(NA)	4.30	52	59	9,527.3
1929.....	9,860	(NA)	416.9	440.5	377.9	(NA)	348.7	924.4	(NA)	(NA)	(NA)	4.32	53	60	9,659.7
1919.....	14,094	(NA)	364.9	367.6	327.4	(NA)	296.5	660.2	(NA)	(NA)	(NA)	3.71	47	61	9,836.8
1909.....	15,381	(NA)	288.3	131.2	261.8	(NA)	102.2	294.3	(NA)	(NA)	(NA)	4.11	37	44	7,012.1
1899.....	10,058	(NA)	188.4	66.4	177.2	(NA)	56.0	148.6	(NA)	(NA)	(NA)	3.88	24	30	4,850.0
Kentucky:															
1967.....	2,994	1,135	224.6	1,351.9	175.6	344.5	926.7	3,636.0	4,180.5	7,796.0	338.3	1.16	138	121	19,323.2
1963.....	2,946	1,025	180.5	959.0	140.5	280.4	657.4	2,548.5	(NA)	(NA)	223.6	1.06	111	106	16,958.4
1958.....	2,903	927	162.2	721.4	124.7	241.7	491.8	1,769.3	(NA)	(NA)	112.5	1.01	100	100	16,025.2
1954.....	2,651	851	151.1	553.2	119.2	233.7	383.9	1,236.2	(NA)	(NA)	124.0	0.94	93	100	16,098.7
1947.....	2,245	(NA)	129.6	304.8	110.6	(NA)	236.1	743.3	(NA)	(NA)	(NA)	0.91	80	89	14,294.0
1939.....	1,582	(NA)	76.5	89.0	62.5	(NA)	61.6	186.5	(NA)	(NA)	(NA)	0.82	47	59	9,527.3
1929.....	2,246	(NA)	88.6	113.6	77.8	(NA)	88.6	236.1	(NA)	(NA)	(NA)	0.92	55	60	9,659.7
1919.....	3,767	(NA)	79.3	85.8	68.7	(NA)	66.3	158.5	(NA)	(NA)	(NA)	0.81	49	61	9,836.8
1909.....	4,776	(NA)	74.0	37.5	65.4	(NA)	27.8	112.0	(NA)	(NA)	(NA)	1.06	46	44	7,012.1
1899.....	3,648	(NA)	56.1	22.6	51.7	(NA)	18.5	59.1	(NA)	(NA)	(NA)	1.16	35	30	4,850.0
Tennessee:															
1967.....	5,040	2,022	418.0	2,190.0	333.6	654.7	1,512.2	4,921.1	5,848.0	10,700.1	412.4	2.16	150	121	19,323.2
1963.....	4,787	1,809	334.3	1,505.2	267.0	530.2	1,040.7	3,299.3	(NA)	(NA)	244.9	1.97	120	106	16,958.4
1958.....	4,508	1,516	279.3	1,077.0	220.8	426.6	739.5	2,207.1	(NA)	(NA)	209.7	1.74	100	100	16,025.2
1954.....	4,058	1,366	267.5	882.6	214.0	418.4	612.5	1,678.8	(NA)	(NA)	152.7	1.66	95	100	16,098.7
1947.....	3,345	(NA)	222.3	475.0	193.2	(NA)	371.6	961.4	(NA)	(NA)	(NA)	1.56	79	89	14,294.0
1939.....	2,225	(NA)	152.2	149.5	131.0	(NA)	108.8	318.4	(NA)	(NA)	(NA)	1.60	54	59	9,527.3
1929.....	2,855	(NA)	142.0	149.1	128.4	(NA)	115.9	322.9	(NA)	(NA)	(NA)	1.47	50	60	9,659.7
1919.....	4,426	(NA)	107.7	105.9	94.6	(NA)	80.7	210.2	(NA)	(NA)	(NA)	1.10	38	61	9,836.8
1909.....	4,609	(NA)	82.3	37.4	73.8	(NA)	28.3	76.2	(NA)	(NA)	(NA)	1.17	29	44	7,012.1
1899.....	3,116	(NA)	49.3	17.8	46.0	(NA)	14.7	38.2	(NA)	(NA)	(NA)	1.02	17	30	4,850.0
Alabama:															
1967.....	4,951	1,446	288.8	1,602.8	235.3	466.6	1,162.6	3,525.5	3,956.4	7,442.9	378.9	1.49	126	121	19,323.2
1963.....	4,079	1,257	243.8	1,162.4	197.6	391.0	842.3	2,325.2	(NA)	(NA)	147.4	1.44	106	106	16,958.4
1958.....	3,956	1,195	229.8	920.0	188.7	363.2	677.6	1,770.5	(NA)	(NA)	165.1	1.43	100	100	16,025.2
1954.....	3,893	1,152	220.1	690.0	188.4	357.8	528.6	1,319.2	(NA)	(NA)	82.2	1.37	96	100	16,098.7
1947.....	3,336	(NA)	206.2	444.9	185.7	(NA)	372.5	877.4	(NA)	(NA)	(NA)	1.44	95	91	14,294.0
1939.....	1,982	(NA)	129.3	114.7	115.7	(NA)	91.1	245.6	(NA)	(NA)	(NA)	1.36	60	61	9,527.3
1929.....	2,848	(NA)	130.0	126.4	119.6	(NA)	102.0	258.1	(NA)	(NA)	(NA)	1.35	60	62	9,659.7
1919.....	3,522	(NA)	116.4	117.0	106.7	(NA)	98.5	191.0	(NA)	(NA)	(NA)	1.18	54	63	9,836.8
1909.....	3,398	(NA)	78.2	33.8	72.1	(NA)	27.3	62.5	(NA)	(NA)	(NA)	1.12	36	45	7,012.1
1899.....	2,000	(NA)	55.0	17.0	52.7	(NA)	14.9	34.1	(NA)	(NA)	(NA)	1.13	25	30	4,850.0
Mississippi:															
1967.....	2,761	925	160.4	764.0	133.8	269.7	560.9	1,635.3	2,111.8	3,719.3	276.2	0.83	148	121	19,323.2
1963.....	2,384	848	128.5	486.2	108.5	214.5	367.9	1,017.0	(NA)	(NA)	131.2	0.76	118	106	16,958.4
1958.....	2,433	743	108.5	354.4	92.5	178.7	280.8	642.2	(NA)	(NA)	67.7	0.68	100	100	16,025.2
1954.....	2,252	665	90.9	238.7	79.8	156.9	188.8	467.6	(NA)	(NA)	37.0	0.56	84	100	16,098.7
1947.....	1,985	(NA)	77.4	139.0	70.3	(NA)	116.2	302.3	(NA)	(NA)	(NA)	0.54	71	89	14,294.0
1939.....	1,235	(NA)	52.1	36.5	45.9	(NA)	27.1	72.7	(NA)	(NA)	(NA)	0.55	48	59	9,527.3
1929.....	1,911	(NA)	56.3	51.4	52.1	(NA)	42.2	107.3	(NA)	(NA)	(NA)	0.58	52	60	9,659.7
1919.....	2,379	(NA)	61.5	59.0	57.4	(NA)	51.0	100.6	(NA)	(NA)	(NA)	0.62	57	61	9,836.8
1909.....	2,598	(NA)	53.8	22.4	50.4	(NA)	18.8	43.6	(NA)	(NA)	(NA)	0.77	50	44	7,012.1
1899.....	1,294	(NA)	28.1	9.0	26.8	(NA)	7.9	17.2	(NA)	(NA)	(NA)	0.58	26	30	4,850.0
West South Central Division:															
1967.....	21,883	6,727	1,083.3	6,854.6	786.6	1,606.5	4,249.4	16,616.5	24,638.4	40,942.7	2,403.8	5.61	136	121	19,323.2
1963.....	20,237	5,920	864.6	4,651.2	625.9	1,278.7	2,896.8	10,974.8	(NA)	(NA)	915.0	5.10	109	106	16,958.4
1958.....	18,659	5,261	794.8	3,645.4	580.7	1,152.1	2,349.6	7,791.5	(NA)	(NA)	894.6	4.95	100	100	16,025.2
1954.....	16,469	4,601	730.8	2,778.6	556.4	1,128.6	1,868.1	5,721.0	(NA)	(NA)	721.1	4.53	92	100	16,098.7
1947.....	13,183	(NA)	550.8	1,334.1	456.6	(NA)	996.3	3,030.2	(NA)	(NA)	457.9	3.85	69	89	14,294.0
1939.....	9,509	(NA)	330.5	362.5	258.9	(NA)	235.0	815.3	(NA)	(NA)	(NA)	3.47	42	59	9,527.3
1929.....	10,576	(NA)	341.1	416.7	297.7	(NA)	316.5	950.5	(NA)	(NA)	(NA)	3.53	43	60	9,659.7
1919.....	13,239	(NA)	323.6	365.4	282.8	(NA)	290.1	724.1	(NA)	(NA)	(NA)	3.29	41	61	9,836.8
1909.....	12,339	(NA)	228.0	123.0	204.5	(NA)	97.6	243.3	(NA)	(NA)	(NA)	3.25	29	44	7,012.1
1899.....	7,174	(NA)	121.6	50.0	113.4	(NA)	42.7	98.8	(NA)	(NA)	(NA)	2.51	15	30	4,850.0

See footnotes at end of table.



TABLE 7. General and Comparative Statistics by Geographic Areas: 1967 and Earlier Years—Continued

Geographic area <sup>1</sup> and year	Establishments <sup>2</sup>		All employees <sup>2</sup>		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new <sup>3</sup>	Comparative indexes and U.S. employment			
	Total	With 20 employees or more	Number	Payroll	Number	Man- hours	Wages					Percent of U.S. employ- ment	Index of employ- ment change (1958=100)	United States	
														Index of employ- ment change (1958=100)	Employees
	(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(1958=100)	(1958=100)	(1,000)
DIVISION AND STATE-- Continued															
West South Central Division-- Continued															
Arkansas:															
1967.....	2,911	927	143.6	665.6	120.7	239.6	497.3	1,557.7	2,354.2	3,877.1	172.6	0.74	162	121	19,323.2
1963.....	2,859	840	113.6	439.6	95.6	191.8	331.7	960.9	(NA)	(NA)	73.4	0.67	128	106	16,958.4
1958.....	2,589	666	88.7	292.7	74.4	144.7	220.7	591.7	(NA)	(NA)	48.2	0.55	100	100	16,025.2
1954.....	2,428	568	79.1	211.8	67.5	134.5	171.1	457.0	(NA)	(NA)	42.7	0.49	89	100	16,098.7
1947.....	1,926	(NA)	65.8	125.2	58.7	(NA)	102.8	267.5	(NA)	(NA)	(NA)	0.46	74	89	14,294.0
1939.....	1,115	(NA)	41.2	33.4	35.7	(NA)	24.2	66.4	(NA)	(NA)	(NA)	0.43	46	59	9,527.3
1929.....	1,731	(NA)	48.7	49.4	44.2	(NA)	39.5	94.2	(NA)	(NA)	(NA)	0.50	55	60	9,659.7
1919.....	3,044	(NA)	54.2	56.2	49.7	(NA)	46.9	97.0	(NA)	(NA)	(NA)	0.55	61	61	9,836.8
1909.....	2,925	(NA)	48.3	22.6	45.0	(NA)	19.1	40.0	(NA)	(NA)	(NA)	0.69	54	44	7,012.1
1899.....	1,746	(NA)	33.1	11.4	31.5	(NA)	10.2	21.6	(NA)	(NA)	(NA)	0.68	37	30	4,850.0
Louisiana:															
1967.....	3,639	1,016	164.5	1,084.4	120.8	250.6	712.2	2,790.3	4,536.5	7,275.2	741.4	0.85	120	121	19,323.2
1963.....	3,222	954	139.5	769.4	104.7	215.4	526.2	1,915.6	(NA)	(NA)	210.8	0.82	102	106	16,958.4
1958.....	3,156	935	136.9	621.4	103.5	205.7	426.3	1,429.6	(NA)	(NA)	173.4	0.85	100	100	16,025.2
1954.....	3,020	897	145.2	533.9	114.4	232.0	375.7	1,181.6	(NA)	(NA)	174.4	0.90	106	100	16,098.7
1947.....	2,388	949	132.5	309.9	111.6	231.4	229.7	694.1	(NA)	(NA)	97.2	0.93	97	89	14,294.0
1939.....	1,779	(NA)	87.8	85.3	70.5	(NA)	54.5	198.5	(NA)	(NA)	(NA)	0.92	64	59	9,527.3
1929.....	1,989	(NA)	97.6	108.0	87.3	(NA)	83.7	246.5	(NA)	(NA)	(NA)	1.01	71	60	9,659.7
1919.....	2,489	(NA)	109.8	116.7	97.7	(NA)	93.9	243.9	(NA)	(NA)	(NA)	1.21	80	61	9,836.8
1909.....	2,516	(NA)	84.2	42.4	76.2	(NA)	33.4	89.1	(NA)	(NA)	(NA)	1.20	62	44	7,012.1
1899.....	1,826	(NA)	44.5	17.7	40.9	(NA)	14.7	36.0	(NA)	(NA)	(NA)	0.92	32	30	4,850.0
Oklahoma:															
1967.....	2,611	745	117.7	764.2	78.7	157.8	423.0	1,346.2	1,962.7	3,292.3	80.9	0.61	128	121	19,323.2
1963.....	2,575	648	97.7	551.7	64.2	130.1	295.0	978.8	(NA)	(NA)	63.6	0.58	107	106	16,958.4
1958.....	2,409	572	91.6	446.4	59.7	118.4	248.5	72.5	(NA)	(NA)	61.9	0.57	100	100	16,025.2
1954.....	2,131	524	89.3	363.6	60.6	122.5	212.2	580.6	(NA)	(NA)	51.7	0.55	97	100	16,098.7
1947.....	1,740	(NA)	55.4	143.6	44.3	(NA)	105.3	341.1	(NA)	(NA)	(NA)	0.39	61	89	14,294.0
1939.....	1,530	(NA)	37.6	47.2	27.6	(NA)	30.0	101.8	(NA)	(NA)	(NA)	0.40	41	59	9,527.3
1929.....	1,658	(NA)	38.6	57.6	31.7	(NA)	41.3	149.4	(NA)	(NA)	(NA)	0.40	42	60	9,659.7
1919.....	2,316	(NA)	35.4	46.2	29.0	(NA)	34.4	87.6	(NA)	(NA)	(NA)	0.36	38	61	9,836.0
1909.....	2,310	(NA)	15.3	9.3	13.1	(NA)	7.2	19.5	(NA)	(NA)	(NA)	0.22	16	44	7,012.1
1899.....	495	(NA)	2.7	1.1	2.4	(NA)	0.9	2.7	(NA)	(NA)	(NA)	0.05	2	30	4,850.0
Texas:															
1967.....	12,722	4,039	657.5	4,340.4	466.4	958.5	2,617.0	10,922.4	15,785.0	26,498.1	1,408.8	3.40	138	131	19,323.2
1963.....	11,581	3,478	513.8	2,890.5	361.4	741.4	1,744.0	7,119.5	(NA)	(NA)	567.3	3.03	108	106	16,958.4
1958.....	10,505	3,088	477.6	2,284.9	343.1	683.1	1,453.9	5,045.2	(NA)	(NA)	611.1	2.98	100	100	16,025.2
1954.....	8,890	2,612	417.2	1,659.3	313.9	639.6	1,109.1	3,501.7	(NA)	(NA)	452.2	2.59	87	100	16,098.7
1947.....	7,129	(NA)	297.1	755.4	242.0	(NA)	588.4	1,727.5	(NA)	(NA)	(NA)	2.08	62	89	14,294.0
1939.....	5,085	(NA)	164.0	196.7	125.1	(NA)	126.4	448.5	(NA)	(NA)	(NA)	1.72	34	59	9,527.3
1929.....	5,198	(NA)	156.1	201.7	134.5	(NA)	151.8	460.3	(NA)	(NA)	(NA)	1.62	33	60	9,659.7
1919.....	5,390	(NA)	124.1	146.2	106.3	(NA)	114.9	295.7	(NA)	(NA)	(NA)	1.26	26	61	9,836.8
1909.....	4,588	(NA)	80.1	48.8	70.2	(NA)	37.9	94.7	(NA)	(NA)	(NA)	1.14	17	44	7,012.1
1899.....	3,107	(NA)	41.5	19.8	38.6	(NA)	16.9	38.5	(NA)	(NA)	(NA)	0.85	9	30	4,850.0
Mountain Division:															
1967.....	8,679	2,243	315.1	2,123.3	219.1	436.2	1,299.7	4,521.9	5,615.4	10,111.4	428.9	1.63	138	121	19,323.2
1963.....	8,527	2,021	283.7	1,706.4	195.7	392.5	1,061.3	3,471.7	(NA)	(NA)	246.2	1.67	124	106	16,958.4
1958.....	7,631	1,761	228.7	1,145.2	167.8	334.3	780.3	2,244.3	(NA)	(NA)	185.5	1.42	100	100	16,025.2
1954.....	6,685	1,467	185.0	737.5	141.7	282.3	522.7	1,450.8	(NA)	(NA)	125.4	1.14	81	100	16,098.7
1947.....	5,044	(NA)	140.5	375.9	115.1	(NA)	290.3	783.8	(NA)	(NA)	95.0	0.98	61	89	14,294.0
1939.....	3,787	(NA)	89.4	119.1	67.0	(NA)	79.1	269.4	(NA)	(NA)	(NA)	0.94	39	59	9,527.3
1929.....	4,319	(NA)	118.8	181.4	102.5	(NA)	144.5	370.1	(NA)	(NA)	(NA)	1.23	52	60	9,659.7
1919.....	6,675	(NA)	122.7	169.0	105.7	(NA)	137.1	303.8	(NA)	(NA)	(NA)	1.25	54	61	9,836.8
1909.....	5,254	(NA)	85.0	69.4	75.4	(NA)	56.9	135.3	(NA)	(NA)	(NA)	1.12	37	44	7,012.1
1899.....	3,146	(NA)	48.0	31.6	44.5	(NA)	27.7	76.2	(NA)	(NA)	(NA)	0.99	21	30	4,850.0
Montana:															
1967.....	923	191	20.4	129.5	16.1	32.1	96.4	311.6	660.2	967.3	68.9	0.11	100	121	19,323.2
1963.....	976	188	20.2	109.2	16.0	31.7	82.8	236.2	(NA)	(NA)	38.6	0.12	100	106	16,958.4
1958.....	929	174	20.3	94.8	15.8	30.2	70.4	191.2	(NA)	(NA)	19.9	0.13	100	100	16,025.2
1954.....	868	172	18.5	72.1	14.7	27.8	54.1	141.2	(NA)	(NA)	20.6	0.11	101	100	16,098.7
1947.....	650	(NA)	15.8	42.8	13.4	(NA)	34.8	90.8	(NA)	(NA)	(NA)	0.11	78	89	14,294.0
1939.....	552	(NA)	11.9	17.3	8.8	(NA)	11.7	38.8	(NA)	(NA)	(NA)	0.12	59	59	9,527.3
1929.....	589	(NA)	17.1	29.5	14.9	(NA)	24.2	61.2	(NA)	(NA)	(NA)	0.18	93	62	9,659.7
1919.....	1,235	(NA)	18.9	28.6	16.6	(NA)	24.0	43.1	(NA)	(NA)	(NA)	0.19	103	63	9,836.8
1909.....	677	(NA)	13.0	13.0	11.7	(NA)	10.9	24.1	(NA)	(NA)	(NA)	0.19	71	45	7,012.1
1899.....	395	(NA)	10.4	8.2	9.9	(NA)	7.4	22.4	(NA)	(NA)	(NA)	0.21	56	31	4,850.0

See footnotes at end of table.

TABLE 7. General and Comparative Statistics by Geographic Areas: 1967 and Earlier Years—Continued

Geographic area <sup>1</sup> and year	Establishments <sup>2</sup>		All employees <sup>2</sup>		Production workers			Value added by manu- facture	Cost of materials	Value of shipments	Capital expendi- tures, new <sup>3</sup>	Comparative indexes and U.S. employment			
	Total	With 20 employees or more	Number	Payroll	Number	Man- hours	Wages					Percent of U.S. employ- ment	Index of employ- ment change (1958= 100)	United States	
														Index of employ- ment change (1958= 100)	Employees
	(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(1958= 100)	(1958= 100)	(1,000)
DIVISION AND STATE-- Continued															
Mountain Division--Continued															
Idaho:															
1967.....	1,131	303	37.1	219.9	29.0	56.9	157.0	503.4	713.4	1,224.5	57.7	0.19	134	121	19,323.2
1963.....	1,103	254	30.5	162.6	24.1	48.5	116.6	366.4	(NA)	(NA)	28.4	0.18	111	106	16,958.4
1958.....	1,065	244	27.6	128.1	22.1	43.0	96.5	255.8	(NA)	(NA)	19.2	0.17	100	100	16,025.2
1954.....	981	204	24.2	94.2	20.1	39.3	73.2	188.6	(NA)	(NA)	19.2	0.15	88	100	16,098.7
1947.....	664	173	16.9	45.7	14.6	31.4	37.9	109.7	(NA)	(NA)	11.4	0.12	61	89	14,294.0
1939.....	498	(NA)	11.7	14.7	9.9	(NA)	11.5	29.8	(NA)	(NA)	(NA)	0.12	42	59	9,527.3
1929.....	562	(NA)	17.0	25.5	15.6	(NA)	22.5	44.5	(NA)	(NA)	(NA)	0.18	62	60	9,659.7
1919.....	803	(NA)	15.0	20.6	13.6	(NA)	18.0	35.7	(NA)	(NA)	(NA)	0.15	54	61	9,836.8
1909.....	725	(NA)	9.1	6.5	8.2	(NA)	5.5	12.5	(NA)	(NA)	(NA)	0.13	33	44	7,012.1
1899.....	287	(NA)	1.6	.9	1.6	(NA)	.8	1.6	(NA)	(NA)	(NA)	0.03	6	30	4,850.0
Wyoming:															
1967.....	331	65	5.9	37.1	4.2	8.1	23.4	86.2	192.2	280.2	7.6	0.03	92	121	19,323.2
1963.....	342	69	6.8	38.0	4.6	9.1	24.7	81.7	(NA)	(NA)	14.0	0.04	106	106	16,958.4
1958.....	330	57	6.4	31.6	4.7	9.1	22.2	62.6	(NA)	(NA)	7.0	0.04	100	100	16,025.2
1954.....	328	49	6.3	26.9	4.6	9.2	18.8	51.4	(NA)	(NA)	6.9	0.04	97	100	16,098.7
1947.....	256	55	5.6	16.7	4.3	8.9	12.3	35.0	(NA)	(NA)	10.2	0.04	87	89	14,294.0
1939.....	300	(NA)	4.4	6.6	3.4	(NA)	4.6	15.3	(NA)	(NA)	(NA)	0.05	68	59	9,527.3
1929.....	248	(NA)	7.2	12.5	6.3	(NA)	10.3	33.6	(NA)	(NA)	(NA)	0.07	111	60	9,659.7
1919.....	437	(NA)	7.1	12.2	6.3	(NA)	10.6	38.1	(NA)	(NA)	(NA)	0.07	110	61	9,836.8
1909.....	268	(NA)	3.1	2.4	2.9	(NA)	2.1	3.6	(NA)	(NA)	(NA)	0.04	49	44	7,012.1
1899.....	139	(NA)	2.1	1.3	2.1	(NA)	1.2	1.9	(NA)	(NA)	(NA)	0.04	33	30	4,850.0
Colorado:															
1967.....	2,461	664	104.0	730.5	71.2	143.4	444.8	1,509.2	1,733.0	3,226.6	99.6	0.54	134	121	19,323.2
1963.....	2,453	593	93.7	596.0	64.0	128.5	369.1	1,193.8	(NA)	(NA)	68.0	0.55	121	106	16,958.4
1958.....	2,274	535	77.5	405.0	55.1	112.0	265.2	781.9	(NA)	(NA)	50.7	0.49	100	100	16,025.2
1954.....	2,069	490	64.4	254.8	47.9	95.8	173.0	472.4	(NA)	(NA)	30.1	0.04	81	100	16,098.7
1947.....	1,602	425	54.1	144.2	44.2	92.6	109.7	286.8	(NA)	(NA)	32.2	0.38	70	89	14,294.0
1939.....	1,219	(NA)	32.2	44.0	23.4	(NA)	28.0	90.3	(NA)	(NA)	(NA)	0.34	42	59	9,527.3
1929.....	1,548	(NA)	39.1	57.2	32.9	(NA)	43.6	122.3	(NA)	(NA)	(NA)	0.40	50	60	9,659.7
1919.....	2,230	(NA)	40.8	53.8	33.8	(NA)	41.0	97.2	(NA)	(NA)	(NA)	0.41	53	61	9,836.8
1909.....	2,034	(NA)	32.4	25.6	28.1	(NA)	19.9	49.6	(NA)	(NA)	(NA)	0.46	42	44	7,012.1
1899.....	1,323	(NA)	21.4	13.8	19.5	(NA)	11.7	28.3	(NA)	(NA)	(NA)	0.44	28	30	4,850.0
New Mexico:															
1967.....	749	169	16.9	98.6	11.3	22.3	55.6	204.5	284.3	486.3	10.6	0.09	123	121	19,323.2
1963.....	742	169	15.3	82.1	10.2	20.7	47.2	149.6	(NA)	(NA)	10.4	0.09	112	106	16,958.4
1958.....	668	153	13.7	59.4	9.8	19.2	38.0	107.6	(NA)	(NA)	24.5	0.09	100	100	16,025.2
1954.....	593	101	9.7	32.9	7.1	14.2	22.2	65.7	(NA)	(NA)	6.6	0.06	70	100	16,098.7
1947.....	431	(NA)	6.7	15.0	5.5	(NA)	11.4	32.1	(NA)	(NA)	(NA)	0.05	49	89	14,294.0
1939.....	262	(NA)	4.1	4.2	3.2	(NA)	2.9	8.6	(NA)	(NA)	(NA)	0.04	30	59	9,527.3
1929.....	250	(NA)	5.1	6.8	4.5	(NA)	5.6	11.3	(NA)	(NA)	(NA)	0.05	37	60	9,659.7
1919.....	387	(NA)	6.3	7.7	5.7	(NA)	6.7	10.1	(NA)	(NA)	(NA)	0.06	46	61	9,836.8
1909.....	313	(NA)	4.5	3.0	4.1	(NA)	2.6	4.6	(NA)	(NA)	(NA)	0.06	33	44	7,012.2
1899.....	174	(NA)	2.6	1.3	2.5	(NA)	1.2	2.1	(NA)	(NA)	(NA)	0.05	19	30	4,850.0
Arizona:															
1967.....	1,630	424	76.8	543.2	50.8	101.8	308.6	995.3	1,003.9	2,003.7	109.9	0.40	189	121	19,323.2
1963.....	1,518	339	56.9	347.5	38.6	77.5	210.5	627.1	(NA)	(NA)	49.5	0.34	140	106	16,958.4
1958.....	1,158	257	40.6	213.3	30.0	61.4	148.3	360.2	(NA)	(NA)	27.7	0.25	100	100	16,025.2
1954.....	817	175	26.2	110.7	20.3	42.3	80.6	192.5	(NA)	(NA)	13.8	0.16	65	100	16,098.7
1947.....	544	125	14.2	39.3	11.2	24.3	29.7	83.8	(NA)	(NA)	8.3	0.10	35	89	14,294.0
1939.....	313	(NA)	8.0	11.0	5.9	(NA)	7.0	31.6	(NA)	(NA)	(NA)	0.08	20	59	9,527.3
1929.....	348	(NA)	12.2	19.3	10.6	(NA)	15.1	32.3	(NA)	(NA)	(NA)	0.13	30	60	9,659.7
1919.....	399	(NA)	9.7	14.7	8.3	(NA)	11.7	27.5	(NA)	(NA)	(NA)	0.10	24	61	9,836.8
1909.....	311	(NA)	6.9	6.3	6.4	(NA)	5.5	16.7	(NA)	(NA)	(NA)	0.10	27	44	7,012.1
1899.....	154	(NA)	3.3	2.6	3.1	(NA)	2.3	12.6	(NA)	(NA)	(NA)	0.07	8	30	4,850.0
Utah:															
1967.....	1,124	353	47.0	314.9	31.7	62.3	182.7	777.9	911.2	1,672.8	59.2	0.24	125	121	19,323.2
1963.....	1,110	336	53.5	328.2	33.4	67.0	182.0	710.6	(NA)	(NA)	29.6	0.32	142	106	16,958.4
1958.....	1,000	296	37.6	185.9	26.7	52.1	120.8	417.4	(NA)	(NA)	31.3	0.23	100	100	16,025.2
1954.....	852	234	29.9	120.6	22.6	44.8	82.4	276.3	(NA)	(NA)	23.4	0.19	81	100	16,098.7
1947.....	771	(NA)	24.5	63.8	20.0	(NA)	48.0	128.3	(NA)	(NA)	(NA)	0.17	67	89	14,294.0
1939.....	549	(NA)	15.5	19.0	11.5	(NA)	11.9	43.3	(NA)	(NA)	(NA)	0.16	42	59	9,527.3
1929.....	651	(NA)	18.5	26.1	15.6	(NA)	19.7	56.7	(NA)	(NA)	(NA)	0.19	50	60	9,659.7
1919.....	1,035	(NA)	21.5	26.5	18.4	(NA)	20.9	45.8	(NA)	(NA)	(NA)	0.22	58	61	9,836.8
1909.....	749	(NA)	13.4	10.4	11.8	(NA)	8.4	20.7	(NA)	(NA)	(NA)	0.19	37	44	7,012.1
1899.....	575	(NA)	6.0	3.3	5.4	(NA)	2.8	6.5	(NA)	(NA)	(NA)	0.12	16	30	4,850.0

See footnotes at end of table.



TABLE 7. General and Comparative Statistics by Geographic Areas: 1967 and Earlier Years—Continued

Geographic area <sup>1</sup> and year	Establishments <sup>2</sup>		All employees <sup>2</sup>		Production workers			Value added by manu- facture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expendi- tures, new <sup>3</sup> (million dollars)	Comparative indexes and U.S. employment			
	Total	With 20 employees or more	Number	Payroll	Number	Man- hours	Wages					Percent of U.S. employ- ment (percent)	Index of employ- ment change (1958= 100)	United States	
														Index of employment change (1958= 100)	Employees
(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(1958= 100)	(1958= 100)	(1,000)
DIVISION AND STATE-- Continued															
Mountain Division--Continued															
Nevada:															
1967.....	330	74	7.0	49.6	4.8	9.3	31.2	133.8	117.2	250.0	15.4	0.04	140	121	19,323.2
1963.....	283	73	6.8	42.2	4.8	9.5	28.4	106.3	(NA)	(NA)	8.7	0.04	136	106	16,958.4
1958.....	207	45	5.0	27.1	3.7	7.4	18.9	67.6	(NA)	(NA)	5.2	0.03	100	100	16,025.2
1954.....	177	42	5.7	25.3	4.4	9.1	18.5	62.7	(NA)	(NA)	4.9	0.03	114	100	16,098.7
1947.....	126	33	2.7	8.4	2.1	4.7	6.4	17.3	(NA)	(NA)	3.0	0.02	53	89	14,294.0
1939.....	94	(NA)	1.5	2.4	1.0	(NA)	1.6	11.5	(NA)	(NA)	(NA)	0.02	29	59	9,527.3
1929.....	123	(NA)	2.6	4.4	2.2	(NA)	3.6	8.1	(NA)	(NA)	(NA)	0.03	51	60	9,659.7
1919.....	149	(NA)	3.4	4.8	3.1	(NA)	4.2	6.2	(NA)	(NA)	(NA)	0.03	67	61	9,836.8
1909.....	177	(NA)	2.5	2.4	2.3	(NA)	2.0	3.5	(NA)	(NA)	(NA)	0.04	50	44	7,012.1
1899.....	99	(NA)	.5	.4	.5	(NA)	.4	.6	(NA)	(NA)	(NA)	0.01	11	30	4,850.0
Pacific Division:															
1967.....	42,433	12,972	2,050.3	15,911.2	1,378.5	2,736.7	8,985.4	29,674.9	32,033.8	61,222.9	2,268.8	10.61	129	121	19,323.2
1963.....	43,307	11,813	1,798.1	12,059.6	1,190.7	2,357.5	6,791.7	21,990.8	(NA)	(NA)	1,290.4	10.60	113	106	16,958.4
1958.....	39,736	10,414	1,595.0	8,806.1	1,127.9	2,211.1	5,440.1	15,666.3	(NA)	(NA)	1,057.4	9.95	100	100	16,025.2
1954.....	36,047	9,188	1,411.1	6,325.7	1,060.0	2,073.6	4,261.2	11,364.5	(NA)	(NA)	776.4	8.76	88	100	16,098.7
1947.....	24,132	(NA)	913.7	2,820.2	745.9	(NA)	2,139.5	5,544.0	(NA)	(NA)	553.7	6.39	57	89	14,294.0
1939.....	17,023	(NA)	548.4	787.6	432.9	(NA)	554.9	1,623.2	(NA)	(NA)	(NA)	5.75	34	59	9,527.3
1929.....	18,154	(NA)	555.5	910.0	471.2	(NA)	670.6	1,922.9	(NA)	(NA)	(NA)	5.75	35	60	9,659.7
1919.....	17,759	(NA)	504.4	704.7	442.5	(NA)	583.7	1,337.1	(NA)	(NA)	(NA)	5.12	32	61	9,836.8
1909.....	14,231	(NA)	253.6	195.8	222.2	(NA)	157.9	377.6	(NA)	(NA)	(NA)	3.61	16	44	7,012.1
1899.....	8,599	(NA)	137.7	78.1	129.1	(NA)	66.6	154.4	(NA)	(NA)	(NA)	2.84	9	30	4,850.0
Washington:															
1967.....	5,014	1,375	270.7	2,119.0	177.1	344.6	1,179.8	3,764.2	4,777.5	8,503.0	464.7	1.40	126	121	19,323.2
1963.....	5,250	1,233	224.4	1,479.1	152.2	297.3	881.4	2,884.9	(NA)	(NA)	143.4	1.32	104	106	16,958.4
1958.....	5,065	1,157	215.0	1,173.3	157.3	305.8	761.4	2,166.6	(NA)	(NA)	160.4	1.34	100	100	16,025.2
1954.....	4,929	1,152	194.1	854.1	148.8	280.8	594.7	1,549.1	(NA)	(NA)	147.1	1.21	90	100	16,098.7
1947.....	3,409	(NA)	144.3	437.8	123.4	(NA)	354.4	874.0	(NA)	(NA)	(NA)	1.01	67	89	14,294.0
1939.....	2,858	(NA)	99.1	142.6	82.3	(NA)	108.2	267.7	(NA)	(NA)	(NA)	1.04	46	59	9,527.3
1929.....	3,672	(NA)	128.7	196.6	114.8	(NA)	160.7	367.1	(NA)	(NA)	(NA)	1.33	60	60	9,659.7
1919.....	4,356	(NA)	144.3	222.5	131.2	(NA)	192.5	361.9	(NA)	(NA)	(NA)	1.47	67	61	9,836.8
1909.....	3,674	(NA)	76.9	59.6	69.1	(NA)	49.8	102.9	(NA)	(NA)	(NA)	1.10	36	44	7,012.1
1899.....	1,929	(NA)	33.6	19.1	31.5	(NA)	17.1	32.6	(NA)	(NA)	(NA)	0.69	16	30	4,850.0
Oregon:															
1967.....	4,437	1,275	163.1	1,082.5	131.2	254.8	798.2	2,060.5	2,552.2	4,612.2	234.2	0.84	122	121	19,323.2
1963.....	4,881	1,225	145.2	819.6	117.6	226.4	617.1	1,574.8	(NA)	(NA)	132.0	0.86	108	106	16,958.4
1958.....	5,072	1,151	134.0	648.6	110.2	209.4	499.8	1,222.2	(NA)	(NA)	123.3	0.84	100	100	16,025.2
1954.....	5,870	1,189	135.3	566.7	114.5	214.7	447.7	1,037.5	(NA)	(NA)	67.8	0.84	101	100	16,098.7
1947.....	3,075	970	105.6	317.8	92.4	182.2	265.8	675.0	(NA)	(NA)	61.7	0.74	79	89	14,294.0
1939.....	1,903	(NA)	67.2	87.9	57.5	(NA)	69.6	156.7	(NA)	(NA)	(NA)	0.71	50	59	9,527.3
1929.....	2,463	(NA)	73.9	106.2	65.5	(NA)	86.8	206.5	(NA)	(NA)	(NA)	0.76	55	60	9,659.7
1919.....	2,478	(NA)	64.6	93.9	57.8	(NA)	80.1	158.8	(NA)	(NA)	(NA)	0.66	48	61	9,836.8
1909.....	2,246	(NA)	32.2	23.9	28.8	(NA)	19.9	42.5	(NA)	(NA)	(NA)	0.46	24	44	7,012.1
1899.....	1,406	(NA)	15.6	8.0	14.5	(NA)	6.8	15.8	(NA)	(NA)	(NA)	0.32	12	30	4,850.0
California:															
1967.....	31,962	10,012	1,583.5	12,514.5	1,044.9	2,089.7	6,877.8	23,393.6	24,156.7	47,106.1	1,529.2	8.19	130	121	19,323.2
1963.....	32,201	9,079	1,397.6	9,612.2	897.5	1,791.4	5,195.2	17,185.0	(NA)	(NA)	985.1	8.24	115	106	16,958.4
1958.....	28,735	7,858	1,217.3	6,876.3	838.7	1,656.7	4,107.2	12,048.0	(NA)	(NA)	753.2	7.60	100	100	16,025.2
1954.....	24,509	6,642	1,053.3	4,807.4	773.7	1,534.9	3,151.4	8,597.5	(NA)	(NA)	549.8	6.54	86	100	16,098.7
1947.....	17,648	4,991	663.9	2,064.5	530.3	1,070.3	1,519.3	3,994.0	(NA)	(NA)	410.5	4.64	54	89	14,294.0
1939.....	11,558	(NA)	357.1	533.7	271.3	(NA)	358.7	1,122.5	(NA)	(NA)	(NA)	3.75	29	59	9,527.3
1929.....	12,019	(NA)	352.9	607.1	290.9	(NA)	423.1	1,349.2	(NA)	(NA)	(NA)	3.65	29	60	9,659.7
1919.....	10,282	(NA)	276.4	368.7	236.9	(NA)	295.7	742.5	(NA)	(NA)	(NA)	2.81	23	61	9,836.8
1909.....	7,659	(NA)	133.5	107.1	115.3	(NA)	84.1	204.5	(NA)	(NA)	(NA)	1.90	11	44	7,012.1
1899.....	4,997	(NA)	84.1	47.4	77.2	(NA)	39.9	92.5	(NA)	(NA)	(NA)	1.73	7	30	4,850.0
Alaska:															
1967.....	323	95	7.6	55.6	6.3	11.7	42.7	130.4	147.8	278.2	14.7	0.04	158	121	19,323.2
1963.....	303	73	5.8	39.7	4.7	9.2	30.5	85.0	(NA)	(NA)	14.5	0.03	121	106	16,958.4
1958.....	246	69	4.8	25.7	3.9	7.3	19.9	64.6	(NA)	(NA)	3.3	0.03	100	100	16,025.2
1954.....	219	68	4.1	20.4	3.5	7.0	16.5	40.2	(NA)	(NA)	(NA)	0.02	85	100	16,098.7
1939.....	230	(NA)	5.5	8.0	4.8	(NA)	6.9	17.9	(NA)	(NA)	(NA)	0.06	114	59	9,527.3
1919.....	147	(NA)	7.3	10.9	6.6	(NA)	8.8	22.0	(NA)	(NA)	(NA)	0.11	152	60	9,836.8
1909.....	152	(NA)	3.5	2.3	3.1	(NA)	1.9	6.2	(NA)	(NA)	(NA)	0.04	72	61	7,012.1
1899.....	48	(NA)	(NA)	1.5	2.3	(NA)	1.4	2.4	(NA)	(NA)	(NA)	(NA)	(NA)	30	4,850.0

See footnotes at end of table.

TABLE 7. General and Comparative Statistics by Geographic Areas: 1967 and Earlier Years—Continued

Geographic area <sup>1</sup> and year	Establishments <sup>2</sup>		All employees <sup>2</sup>		Production workers			Value added by manu- facture	Cost of materials	Value of shipments	Capital expendi- tures, new <sup>3</sup>	Comparative indexes and U.S. employment			
	Total	With 20 employees or more	Number	Payroll	Number	Man- hours	Wages					Percent of U.S. employ- ment	Index of employ- ment change (1958= 100)	United States	
														Index of employ- ment change (1958= 100)	Employees
	(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(1958= 100)	(1958= 100)	(1,000)
DIVISION AND STATE-- Continued															
Pacific Division--Continued															
Hawaii:															
1967.....	697	215	25.4	139.6	19.0	35.9	86.9	326.2	399.6	723.4	26.0	0.13	106	121	19,323.2
1963.....	672	203	25.1	109.0	18.7	33.2	67.5	261.1	(NA)	(NA)	15.4	0.15	105	106	16,958.4
1958.....	618	179	23.9	82.2	17.8	31.9	51.8	164.9	(NA)	(NA)	17.2	0.15	100	100	16,025.2
1954 <sup>7</sup> .....	520	137	24.4	77.1	19.5	36.1	50.8	140.3	(NA)	(NA)	11.7	0.15	102	100	16,098.7
1939.....	474	(NA)	19.5	15.3	17.0	(NA)	11.5	58.4	(NA)	(NA)	(NA)	0.14	82	59	9,527.3
1919.....	496	(NA)	11.7	8.7	10.0	(NA)	6.6	51.9	(NA)	(NA)	(NA)	0.12	42	61	9,836.8
1909.....	500	(NA)	7.6	2.8	5.9	(NA)	2.1	21.6	(NA)	(NA)	(NA)	0.11	32	44	7,012.1
1899.....	222	(NA)	4.4	2.0	3.7	(NA)	1.5	11.1	(NA)	(NA)	(NA)	0.09	18	30	4,850.0
STANDARD CONSOLIDATED AREAS															
Chicago, Ill.--North- western Indiana:															
1967.....	14,321	5,856	1,088.1	8,020.4	764.3	1,524.9	4,871.0	15,561.9	16,717.8	32,075.2	1,283.0	5.63	114	121	19,323.2
1963.....	14,384	5,464	958.5	6,195.4	669.8	1,344.3	3,781.1	11,936.8	(NA)	(NA)	715.6	5.65	100	106	16,958.4
1958.....	14,285	5,117	957.2	5,213.4	663.9	1,297.4	3,177.2	9,577.9	(NA)	(NA)	728.3	5.98	100	100	16,025.2
1954.....	13,643	4,989	991.6	4,545.6	725.3	1,432.4	2,921.6	7,959.8	(NA)	(NA)	430.3	6.16	104	100	16,098.7
1947.....	12,409	(NA)	952.8	3,012.7	762.0	(NA)	2,191.2	5,561.9	(NA)	(NA)	(NA)	6.66	99	89	14,294.0
1939.....	9,116	(NA)	(NA)	(NA)	481.4	(NA)	(NA)	1,904.4	(NA)	(NA)	(NA)	(NA)	(NA)	59	9,527.3
New York, N.Y.--North- eastern New Jersey:															
1967.....	45,894	15,915	1,818.5	12,968.2	1,202.4	2,342.7	6,696.4	23,767.7	24,240.6	47,754.4	1,066.2	9.41	101	121	19,323.2
1963.....	49,904	16,085	1,779.0	10,767.1	1,191.0	2,316.8	5,786.3	19,133.4	(NA)	(NA)	723.0	10.49	99	106	16,958.4
1958.....	51,289	15,645	1,797.0	9,045.3	1,222.7	2,332.8	5,047.3	15,267.8	(NA)	(NA)	630.5	11.22	100	100	16,025.2
1954.....	51,403	15,551	1,835.3	7,804.9	1,336.1	2,566.5	4,714.7	13,115.9	(NA)	(NA)	444.1	11.40	102	100	16,098.7
1947.....	48,281	(NA)	1,598.7	4,919.6	1,269.3	(NA)	3,485.8	9,310.9	(NA)	(NA)	(NA)	11.18	89	89	14,294.0
1939.....	32,132	(NA)	1,116.7	1,646.8	868.0	(NA)	1,062.2	3,126.1	(NA)	(NA)	(NA)	11.72	62	59	9,527.3
1929.....	36,923	(NA)	1,110.9	1,988.8	910.9	(NA)	1,399.9	4,452.5	(NA)	(NA)	(NA)	11.50	62	60	9,659.7
1919.....	42,293	(NA)	(NA)	(NA)	1,057.7	(NA)	1,300.3	3,592.0	(NA)	(NA)	(NA)	(NA)	(NA)	61	9,836.8
SELECTED STANDARD METRO- POLITAN STATISTICAL AREAS (With 40,000 or more manu- facturing employees) <sup>4</sup>															
Akron, Ohio:															
1967.....	877	369	101.1	807.0	62.0	120.6	448.9	1,400.8	1,344.0	2,751.0	96.4	0.52	114	121	19,323.2
1963.....	854	314	90.7	638.9	56.4	113.6	359.7	1,014.0	(NA)	(NA)	63.0	0.53	102	106	16,958.4
1958.....	824	280	88.6	501.5	59.3	110.1	300.2	809.0	(NA)	(NA)	58.6	0.55	100	100	16,025.2
1954.....	780	271	97.6	445.4	67.5	129.7	289.0	676.5	(NA)	(NA)	35.9	0.61	110	100	16,098.7
1947.....	562	216	101.2	304.8	81.6	(NA)	232.0	493.2	(NA)	(NA)	(NA)	0.66	106	89	14,294.0
1939.....	384	(NA)	(NA)	(NA)	43.4	(NA)	69.6	177.3	(NA)	(NA)	(NA)	0.55	59	59	9,527.3
Albany-Schenectady-Troy, N.Y.:															
1967.....	633	270	65.3	493.2	42.5	85.4	276.2	892.5	780.1	1,665.0	79.9	0.34	91	121	19,323.2
1963.....	732	272	61.8	395.1	41.0	82.2	229.7	692.0	(NA)	(NA)	30.9	0.36	86	106	16,958.4
1958.....	765	281	71.5	385.0	45.3	88.3	211.8	640.9	(NA)	(NA)	31.3	0.45	100	100	16,025.2
1954.....	802	298	85.5	387.8	57.0	115.2	228.0	634.7	(NA)	(NA)	49.3	0.53	120	100	16,098.7
1947.....	(NA)	(NA)	78.8	(NA)	(NA)	(NA)	(NA)	361.8	(NA)	(NA)	(NA)	0.55	110	89	14,294.0
1939.....	601	(NA)	(NA)	(NA)	42.3	(NA)	(NA)	140.4	(NA)	(NA)	(NA)	(NA)	(NA)	59	9,527.3
Allentown-Bethlehem- Easton, Pa.-N.J.:															
1967.....	1,038	580	102.6	663.6	75.5	142.2	413.6	1,093.2	1,097.8	2,176.1	132.2	0.53	109	121	19,323.2
1963.....	1,030	552	93.7	517.9	69.8	131.8	322.8	833.3	(NA)	(NA)	55.4	0.55	100	106	16,958.4
1958.....	1,022	539	93.9	430.1	70.3	127.5	271.3	683.8	(NA)	(NA)	44.7	0.59	100	100	16,025.2
1954.....	1,007	538	94.2	354.3	74.3	140.4	239.7	593.5	(NA)	(NA)	43.4	0.59	100	100	16,098.7
1947.....	898	(NA)	88.6	222.4	76.4	(NA)	177.5	360.7	(NA)	(NA)	(NA)	0.62	94	89	14,294.0
1939.....	662	(NA)	67.6	80.8	59.2	(NA)	62.9	158.2	(NA)	(NA)	(NA)	0.71	72	59	9,527.3
1929.....	783	(NA)	72.5	107.1	64.9	(NA)	86.5	216.5	(NA)	(NA)	(NA)	0.75	77	60	9,659.7
1919.....	1,169	(NA)	(NA)	(NA)	65.0	(NA)	72.4	180.3	(NA)	(NA)	(NA)	(NA)	(NA)	61	9,836.8
Anaheim-Santa Ana- Garden Grove, Calif.:															
1967.....	1,773	535	125.8	1,106.8	72.1	153.3	481.7	1,963.8	1,265.9	3,083.9	105.0	0.65	396	121	19,323.2
1963.....	1,444	393	96.9	687.3	53.8	109.2	325.8	1,198.1	(NA)	(NA)	68.3	0.57	305	106	16,958.4
1958.....	833	215	31.8	175.9	21.6	44.1	106.4	315.3	(NA)	(NA)	24.5	0.20	100	100	16,025.2
1954.....	539	129	15.8	64.8	12.0	23.4	43.5	115.9	(NA)	(NA)	14.9	0.09	42	100	16,098.7
1947.....	299	(NA)	6.1	16.8	4.7	(NA)	12.0	31.2	(NA)	(NA)	(NA)	0.04	16	89	14,294.0
1939.....	133	(NA)	(NA)	(NA)	2,113	(NA)	2,127	8.3	(NA)	(NA)	(NA)	(NA)	(NA)	59	9,527.3
Atlanta, Ga.:															
1967.....	1,600	652	117.2	809.6	78.8	159.4	446.8	1,604.0	2,498.2	4,094.6	91.1	0.60	140	121	19,323.2
1963.....	1,487	568	95.7	538.6	68.1	139.4	328.8	1,153.2	(NA)	(NA)	50.7	0.56	115	106	16,958.4
1958.....	1,361	523	83.5	379.7	61.5	119.4	232.3	711.9	(NA)	(NA)	57.8	0.52	100	100	16,025.2
1954.....	1,164	450	82.0	300.2	63.0	125.6	197.2	561.1	(NA)	(NA)	24.9	0.50	97	100	16,098.7
1947.....	943	(NA)	51.0	115.4	42.4	(NA)	84.0	242.8	(NA)	(NA)	(NA)	0.36	61	89	14,294.0
1939.....	637	(NA)	(NA)	(NA)	28.8	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	59	9,527.3

See footnotes at end of table.



TABLE 7. General and Comparative Statistics by Geographic Areas: 1967 and Earlier Years—Continued

Geographic area <sup>1</sup> and year	Establishments <sup>2</sup>		All employees <sup>2</sup>		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new <sup>3</sup>	Comparative indexes and U.S. employment			
	Total	With 20 employees or more	Number	Payroll	Number	Man- hours	Wages					Percent of U.S. employ- ment	Index of employ- ment change (1958= 100)	United States	
														Index of employment change (1958= 100)	Employees
	(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(1958= 100)	(1958= 100)	(1,000)
SELECTED STANDARD METRO- POLITAN STATISTICAL AREAS (With 40,000 or more manu- facturing employees) <sup>4</sup> --Con.															
Baltimore, Md.: <sup>8</sup>															
1967.....	2,049	923	209.7	1,486.1	146.6	290.6	906.6	2,858.8	3,341.6	6,188.4	191.1	1.09	106	121	19,323.2
1963.....	2,072	857	190.5	1,184.0	134.0	267.4	728.9	2,366.4	(NA)	(NA)	124.1	1.12	96	106	16,958.4
1958.....	2,112	866	197.8	1,011.4	141.6	274.6	641.7	1,978.5	(NA)	(NA)	84.0	1.23	100	100	16,025.2
1954.....	2,015	856	196.1	808.9	147.7	291.3	538.2	1,575.8	(NA)	(NA)	76.4	1.21	98	100	16,098.7
1947.....	1,887	(NA)	175.0	491.9	143.3	(NA)	367.1	921.1	(NA)	(NA)	(NA)	1.22	88	89	14,294.0
1939.....	1,976	(NA)	(NA)	(NA)	109.4	(NA)	(NA)	348.4	(NA)	(NA)	(NA)	(NA)	(NA)	59	9,527.3
Binghamton, N.Y.--Pa.:															
1967.....	375	166	46.1	347.5	27.2	53.1	155.3	534.7	934.7	1,460.1	27.5	0.24	99	121	19,323.2
1963.....	404	158	41.6	259.0	26.1	50.7	125.2	341.7	(NA)	(NA)	19.9	0.25	89	106	16,958.4
1958.....	431	170	46.5	227.8	30.7	58.0	121.8	310.6	(NA)	(NA)	14.4	0.29	100	100	16,025.2
1954.....	289	137	45.9	176.6	32.5	60.7	112.9	268.7	(NA)	(NA)	15.2	0.28	99	100	16,098.7
1947.....	237	99	35.8	106.0	31.0	(NA)	86.8	159.9	(NA)	(NA)	8.2	0.25	77	89	14,294.0
1939.....	201	(NA)	(NA)	(NA)	27.2	(NA)	(NA)	61.2	(NA)	(NA)	(NA)	(NA)	(NA)	59	9,527.3
Birmingham, Ala.: <sup>8</sup>															
1967.....	876	351	68.0	450.1	52.5	104.6	313.8	906.5	1,040.2	1,937.2	75.6	0.35	107	121	19,323.2
1963.....	674	282	59.2	362.2	43.0	85.4	240.1	661.1	(NA)	(NA)	35.9	0.35	93	106	16,958.4
1958.....	675	291	63.5	335.7	47.2	93.9	226.0	587.0	(NA)	(NA)	42.8	0.40	100	100	16,025.2
1954.....	605	266	60.7	253.9	46.2	89.2	170.7	481.6	(NA)	(NA)	31.5	0.38	96	100	16,098.7
1947.....	529	(NA)	53.4	138.0	44.8	(NA)	106.7	275.6	(NA)	(NA)	(NA)	0.37	92	91	14,294.0
1939.....	374	(NA)	32.0	40.4	28.8	(NA)	33.0	105.4	(NA)	(NA)	(NA)	0.34	55	61	9,527.3
1929.....	419	(NA)	36.3	49.5	31.5	(NA)	37.9	111.2	(NA)	(NA)	(NA)	0.38	63	62	9,659.7
1919.....	440	(NA)	(NA)	(NA)	28.9	(NA)	33.0	62.5	(NA)	(NA)	(NA)	(NA)	(NA)	63	9,836.8
Boston, Mass.: <sup>5</sup>															
1967.....	5,200	1,974	316.2	2,222.3	209.7	409.3	1,202.6	4,155.5	3,511.2	7,629.2	213.8	1.64	105	121	19,323.2
1963.....	5,465	1,956	293.2	1,768.8	192.6	379.9	964.2	3,014.0	(NA)	(NA)	123.6	1.73	97	106	16,958.4
1958.....	5,803	2,042	301.0	1,514.8	212.5	415.0	886.4	2,442.8	(NA)	(NA)	104.8	1.88	100	100	16,025.2
Bridgeport, Conn.: <sup>5</sup>															
1967.....	867	341	79.5	585.2	54.7	114.3	357.1	1,150.0	942.0	2,070.9	54.8	0.41	123	121	19,323.2
1963.....	839	309	67.4	419.9	47.1	97.0	259.4	799.5	(NA)	(NA)	33.0	0.40	104	106	16,958.4
1958.....	801	290	64.7	331.8	45.6	90.0	209.2	570.9	(NA)	(NA)	25.8	0.40	100	100	16,025.2
Buffalo, N.Y.:															
1967.....	1,719	717	176.2	1,354.8	129.0	260.4	904.7	2,653.5	2,795.1	5,409.3	223.5	0.91	101	121	19,323.2
1963.....	1,808	679	162.9	1,104.3	117.9	239.5	731.8	2,068.8	(NA)	(NA)	116.3	0.96	94	106	16,958.4
1958.....	1,855	701	173.9	980.7	122.6	241.0	638.2	1,715.6	(NA)	(NA)	110.2	1.08	100	100	16,025.2
1954.....	1,829	729	203.4	946.6	152.9	306.6	655.3	1,677.8	(NA)	(NA)	139.5	1.26	117	100	16,098.7
1947.....	1,693	706	183.9	557.4	149.8	(NA)	424.9	1,023.2	(NA)	(NA)	90.3	1.29	106	89	14,294.0
1939.....	1,356	(NA)	115.6	183.8	90.2	(NA)	125.6	391.8	(NA)	(NA)	(NA)	1.21	67	59	9,527.3
1929.....	1,896	(NA)	128.7	212.1	109.0	(NA)	160.8	480.1	(NA)	(NA)	(NA)	1.33	74	60	9,659.7
1919.....	2,900	(NA)	(NA)	(NA)	116.6	(NA)	152.2	346.6	(NA)	(NA)	(NA)	(NA)	(NA)	63	9,836.8
Canton, Ohio:															
1967.....	514	216	62.5	452.9	46.8	92.0	310.6	896.6	920.0	1,818.6	84.5	0.32	122	121	19,323.2
1963.....	519	198	53.0	343.6	40.0	78.7	276.3	666.9	(NA)	(NA)	33.3	0.31	104	106	16,958.4
1958.....	477	184	51.2	269.7	38.2	69.6	181.2	499.6	(NA)	(NA)	26.7	0.32	100	100	16,025.2
1954.....	456	183	56.9	248.9	45.4	86.7	184.3	449.4	(NA)	(NA)	19.1	0.35	111	100	16,098.7
1947.....	385	166	55.6	158.6	47.6	(NA)	128.6	280.2	(NA)	(NA)	15.2	0.39	109	89	14,294.0
1939.....	323	(NA)	32.3	50.3	28.9	(NA)	42.1	107.8	(NA)	(NA)	(NA)	0.34	63	59	9,527.3
1929.....	338	(NA)	36.8	67.5	32.2	(NA)	54.7	142.5	(NA)	(NA)	(NA)	0.38	72	60	9,659.7
1919.....	584	(NA)	(NA)	(NA)	34.2	(NA)	47.9	108.7	(NA)	(NA)	(NA)	(NA)	(NA)	61	9,836.8
Chattanooga, Tenn.--Ga.:															
1967.....	515	238	51.6	308.3	40.1	81.0	213.0	610.6	874.6	1,482.7	74.4	0.27	126	121	19,323.2
1963.....	455	207	38.9	193.8	30.8	62.1	136.6	391.9	(NA)	(NA)	22.4	0.23	95	106	16,958.4
1958.....	434	193	40.9	166.1	32.8	64.4	118.2	337.5	(NA)	(NA)	11.9	0.26	100	100	16,025.2
1954.....	410	190	43.0	145.2	35.7	69.9	107.5	277.3	(NA)	(NA)	33.5	0.27	105	100	16,098.7
1947.....	387	179	38.2	84.4	33.7	(NA)	67.5	149.1	(NA)	(NA)	(NA)	0.27	93	89	14,294.0
1939.....	271	(NA)	(NA)	(NA)	23.9	(NA)	(NA)	46.8	(NA)	(NA)	(NA)	(NA)	(NA)	59	9,527.3
Chicago, Ill.:															
1967.....	13,906	5,652	983.1	7,168.1	683.6	1,365.9	4,256.6	13,755.3	13,813.9	27,415.2	870.9	5.09	115	121	19,323.2
1963.....	13,956	5,276	860.8	5,473.0	593.6	1,194.3	3,251.0	10,291.1	(NA)	(NA)	485.2	5.08	100	106	16,958.4
1958.....	13,831	4,947	857.2	4,599.9	587.3	1,153.3	2,740.8	8,295.2	(NA)	(NA)	477.3	5.35	100	100	16,025.2
1954.....	13,229	4,811	889.8	4,058.1	644.1	1,276.6	2,556.7	6,979.0	(NA)	(NA)	328.4	5.52	104	100	16,098.7
1947.....	12,082	(NA)	857.8	2,693.8	682.0	(NA)	1,934.4	4,964.1	(NA)	(NA)	(NA)	(NA)	(NA)	89	14,294.0
Cincinnati, Ohio--Ky.--Ind.:															
1967.....	1,921	818	166.8	1,258.7	107.2	217.0	681.9	2,704.1	2,767.8	5,460.4	158.3	0.86	107	121	19,323.2
1963.....	1,971	797	153.9	989.0	100.1	207.1	554.9	2,057.4	(NA)	(NA)	78.1	0.91	98	106	16,958.4
1958.....	1,900	801	156.5	833.3	111.5	207.7	472.6	1,555.3	(NA)	(NA)	106.5	0.98	100	100	16,025.2
1954.....	2,082	889	160.8	713.6	117.0	237.6	456.0	1,383.0	(NA)	(NA)	74.8	1.00	103	100	16,098.7
1947.....	1,768	(NA)	143.9	405.1	115.6	(NA)	293.4	870.2	(NA)	(NA)	(NA)	1.01	92	89	14,294.0
1939.....	1,606	(NA)	(NA)	(NA)	76.2	(NA)	93.9	282.9	(NA)	(NA)	(NA)	(NA)	(NA)	59	9,527.3

See footnotes at end of table.

TABLE 7. General and Comparative Statistics by Geographic Areas: 1967 and Earlier Years—Continued

Geographic area <sup>1</sup> and year	Establishments <sup>2</sup>		All employees <sup>2</sup>		Production workers			Value added by manu- facture	Cost of materials	Value of shipments	Capital expendi- tures, new <sup>3</sup>	Comparative indexes and U.S. employment			
	Total	With 20 employees or more	Number	Payroll	Number	Man- hours	Wages					Percent of U.S. employ- ment	Index of employ- ment change (1958= 100)	United States	
														Index of employment change (1958= 100)	Employees
(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(1958= 100)	(1958= 100)	(1,000)
SELECTED STANDARD METROPOLITAN STATISTICAL AREAS (With 40,000 or more manu- facturing employees) <sup>4</sup> --Con.															
Cleveland, Ohio:															
1967.....	4,168	1,662	306.8	2,411.4	209.9	428.3	1,471.5	4,297.0	4,263.6	8,522.7	331.0	1.59	112	121	19,323.2
1963.....	4,175	1,517	280.3	1,908.3	194.2	397.6	1,176.4	3,378.8	(NA)	(NA)	176.9	1.65	102	106	16,958.4
1958.....	4,045	1,425	273.7	1,558.2	185.8	365.7	936.6	2,557.5	(NA)	(NA)	143.3	1.71	100	100	16,025.2
1954.....	3,867	1,393	308.1	1,470.1	227.5	452.4	961.8	2,443.8	(NA)	(NA)	219.4	1.91	113	100	16,098.7
1947.....	3,346	(NA)	274.2	881.8	223.5	(NA)	656.9	1,570.3	(NA)	(NA)	(NA)	1.88	98	89	14,294.0
1939.....	2,494	(NA)	(NA)	(NA)	131.9	(NA)	186.2	511.7	(NA)	(NA)	(NA)	1.58	55	59	9,527.3
Columbus, Ohio:															
1967.....	947	361	83.0	616.7	56.4	113.0	365.5	1,162.2	1,036.5	2,192.5	116.6	0.43	114	121	19,323.2
1963.....	976	361	80.2	510.7	53.7	107.2	303.4	961.9	(NA)	(NA)	57.5	0.47	110	106	16,958.4
1958.....	911	338	73.0	381.3	46.8	93.6	224.8	679.8	(NA)	(NA)	52.2	0.46	100	100	16,025.2
1954.....	858	331	77.1	332.1	54.7	110.7	214.0	617.3	(NA)	(NA)	40.6	0.48	106	100	16,098.7
1947.....	745	(NA)	56.9	158.2	44.1	(NA)	109.2	290.2	(NA)	(NA)	(NA)	0.38	75	89	14,294.0
1939.....	550	(NA)	(NA)	(NA)	26.3	(NA)	30.6	93.4	(NA)	(NA)	(NA)	0.31	40	59	9,527.3
Dallas, Tex.: <sup>5</sup>															
1967.....	2,365	882	148.9	992.1	99.0	208.0	530.3	1,810.8	1,973.5	3,760.0	146.5	0.77	156	121	19,323.2
1963.....	2,103	737	106.4	593.4	70.5	149.1	324.7	(D)	(NA)	(NA)	77.5	0.63	112	106	16,958.4
1958.....	1,809	607	95.2	461.6	62.9	127.0	255.5	842.2	(NA)	(NA)	46.9	0.59	100	100	16,025.2
1954.....	1,482	518	80.5	319.4	57.1	116.3	191.4	531.6	(NA)	(NA)	21.7	0.50	84	100	16,098.7
1947.....	(NA)	(NA)	42.2	(NA)	(NA)	(NA)	(NA)	253.1	(NA)	(NA)	(NA)	0.30	44	89	14,294.0
1939.....	760	(NA)	(NA)	(NA)	17.5	(NA)	(NA)	63.9	(NA)	(NA)	(NA)	(NA)	(NA)	59	9,527.3
Davenport-Rock Island-Moline, Iowa-Ill.:															
1967.....	430	173	49.3	387.1	35.2	69.8	254.6	769.9	892.3	1,641.7	74.6	0.25	126	121	19,323.2
1963.....	470	170	41.1	272.5	29.9	59.8	181.4	494.3	(NA)	(NA)	37.1	0.24	105	106	16,958.4
1958.....	453	154	39.1	213.7	28.7	56.5	142.3	404.9	(NA)	(NA)	22.6	0.24	100	100	16,025.2
1954.....	420	154	39.9	173.6	29.9	57.7	118.5	304.2	(NA)	(NA)	20.7	0.24	102	100	16,098.7
1947.....	359	(NA)	41.6	120.2	33.7	(NA)	92.4	189.4	(NA)	(NA)	(NA)	0.29	106	89	14,294.0
1939.....	318	(NA)	22.0	28.4	(NA)	(NA)	(NA)	70.7	(NA)	(NA)	(NA)	0.23	56	59	9,527.3
Dayton, Ohio:															
1967.....	1,041	431	126.2	1,022.6	95.0	196.3	720.0	1,908.4	1,345.3	3,211.9	114.5	0.65	130	121	19,323.2
1963.....	1,054	393	104.2	719.0	78.2	163.2	503.2	1,318.3	(NA)	(NA)	59.8	0.61	107	106	16,958.4
1958.....	968	371	97.2	552.5	73.0	147.1	392.4	912.1	(NA)	(NA)	41.8	0.61	100	100	16,025.2
1954.....	933	365	107.9	(D)	85.9	(D)	(D)	821.0	(NA)	(NA)	(D)	0.67	111	100	16,098.7
1947.....	787	329	103.8	332.4	86.5	(NA)	258.3	542.6	(NA)	(NA)	(NA)	0.72	106	89	14,294.0
1939.....	592	(NA)	(NA)	(NA)	45.0	(NA)	(NA)	182.9	(NA)	(NA)	(NA)	(NA)	(NA)	59	9,527.3
Denver, Colo.:															
1967.....	1,499	454	74.1	554.5	48.9	98.4	321.7	1,121.5	1,240.0	2,352.3	73.6	0.38	138	121	19,323.2
1963.....	1,481	428	69.5	461.8	45.7	91.6	276.0	926.1	(NA)	(NA)	51.6	0.41	134	106	16,958.4
1958.....	1,314	368	53.7	286.0	37.0	75.0	179.9	562.9	(NA)	(NA)	35.8	0.34	100	100	16,025.2
1954.....	1,140	(NA)	43.1	177.6	30.5	62.1	113.2	320.5	(NA)	(NA)	19.0	0.27	80	100	16,098.7
1947.....	(NA)	(NA)	35.2	(NA)	(NA)	(NA)	(NA)	190.2	(NA)	(NA)	(NA)	0.25	68	89	14,294.0
Detroit, Mich.:															
1967.....	7,100	2,606	584.5	5,218.8	394.3	809.8	3,101.9	8,498.1	12,022.4	20,456.0	667.8	3.02	125	121	19,323.2
1963.....	7,023	2,236	493.9	3,847.2	329.7	706.0	2,293.0	6,690.4	(NA)	(NA)	378.6	2.91	106	106	16,958.4
1958.....	6,604	1,911	467.4	2,972.1	295.8	584.6	1,659.9	4,312.4	(NA)	(NA)	218.4	2.92	100	100	16,025.2
1954.....	6,159	2,005	589.9	3,113.8	434.4	881.6	2,073.3	4,713.2	(NA)	(NA)	480.8	3.66	126	100	16,098.7
1947.....	4,761	(NA)	557.2	1,852.3	468.2	(NA)	1,457.7	2,912.7	(NA)	(NA)	(NA)	3.90	119	89	14,294.0
1939.....	2,684	(NA)	372.9	655.1	315.2	(NA)	517.8	1,087.6	(NA)	(NA)	(NA)	3.91	80	59	9,527.3
1929.....	2,844	(NA)	328.4	616.2	291.0	(NA)	507.4	1,216.2	(NA)	(NA)	(NA)	3.40	70	60	9,659.7
1919.....	2,634	(NA)	(NA)	(NA)	265.0	(NA)	402.5	958.8	(NA)	(NA)	(NA)	(NA)	(NA)	61	9,836.8
Erie, Pa.:															
1967.....	461	205	42.3	298.4	30.3	61.4	191.6	575.1	456.4	1,033.4	33.5	0.22	121	121	19,323.2
1963.....	472	184	36.4	220.8	26.3	52.5	142.4	414.1	(NA)	(NA)	18.2	0.21	104	106	16,958.4
1958.....	428	182	34.9	178.8	25.2	49.4	116.1	308.0	(NA)	(NA)	24.5	0.22	100	100	16,025.2
1954.....	422	185	40.6	173.0	31.8	62.1	122.1	286.4	(NA)	(NA)	13.9	0.25	100	117	16,098.7
1947.....	368	172	46.3	134.7	38.1	(NA)	103.6	224.9	(NA)	(NA)	17.8	0.32	129	89	14,294.0
1939.....	296	(NA)	22.8	33.4	19.2	(NA)	25.0	72.1	(NA)	(NA)	(NA)	0.24	65	59	9,527.3
1929.....	366	(NA)	27.4	45.1	23.0	(NA)	33.6	91.3	(NA)	(NA)	(NA)	0.28	78	60	9,659.7
1919.....	455	(NA)	(NA)	(NA)	22.9	(NA)	28.9	70.4	(NA)	(NA)	(NA)	(NA)	(NA)	61	9,836.8
Flint, Mich.:															
1967.....	342	110	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	121	19,323.2
1963.....	336	98	68.9	563.5	56.5	131.2	445.9	1,145.9	(NA)	(NA)	81.5	0.41	117	106	16,958.4
1958.....	337	84	58.8	348.1	47.3	94.9	266.8	585.9	(NA)	(NA)	20.7	0.37	100	100	16,025.2
1954.....	329	87	76.6	392.2	65.0	140.0	320.0	720.8	(NA)	(NA)	149.5	0.48	130	100	16,098.7
1947.....	253	(NA)	56.2	174.7	48.9	(NA)	143.4	328.9	(NA)	(NA)	(NA)	0.39	96	89	14,294.0
1939.....	164	(NA)	(NA)	(NA)	33.7	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	59	9,527.3

See footnotes at end of table.



TABLE 7. General and Comparative Statistics by Geographic Areas: 1967 and Earlier Years—Continued

Geographic area <sup>1</sup> and year	Establishments <sup>2</sup>		All employees <sup>3</sup>		Production workers			Value added by manu- facture	Cost of materials	Value of shipments	Capital expendi- tures, new <sup>4</sup>	Comparative indexes and U.S. employment			
	Total	With 20 employees or more	Number	Payroll	Number	Man- hours	Wages					Percent of U.S. employ- ment	Index of employ- ment change (1958=100)	United States	
														Index of employ- ment change (1958=100)	Employees
(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(1958=100)	(1958=100)	(1,000)	
SELECTED STANDARD METROPOLITAN STATISTICAL AREAS (With 40,000 or more manu- facturing employees) <sup>5</sup> --Con.															
Fort Wayne, Ind.:															
1967.....	383	157	42.9	339.0	29.3	58.4	201.5	617.5	869.5	1,478.7	41.2	0.22	137	121	19,323.2
1963.....	366	134	36.1	247.0	24.5	49.9	149.9	430.1	(NA)	(NA)	15.1	0.21	115	106	16,958.4
1958.....	335	126	31.3	168.8	21.0	41.0	102.4	289.6	(NA)	(NA)	16.5	0.20	100	100	16,025.2
Fort Worth, Tex.:															
1967.....	1,120	369	78.4	587.4	56.7	121.1	369.5	1,200.7	1,846.7	3,039.4	88.4	0.40	140	121	19,323.2
1963.....	954	307	50.5	322.2	33.3	70.0	176.1	586.5	(NA)	(NA)	28.6	0.30	90	106	16,958.4
1958.....	794	271	55.9	289.6	42.2	82.9	205.3	523.3	(NA)	(NA)	19.9	0.35	100	100	16,025.2
1954.....	637	216	50.1	215.7	38.4	76.2	151.1	372.7	(NA)	(NA)	16.7	0.31	90	100	16,098.7
1947.....	456	161	32.4	83.8	26.8	(NA)	62.4	147.5	(NA)	(NA)	(NA)	0.23	58	89	14,294.0
1939.....	316	(NA)	(NA)	(NA)	8.2	(NA)	(NA)	30.5	(NA)	(NA)	(NA)	(NA)	(NA)	59	9,527.3
Gary-Hammond-East Chicago, Ind.:															
1967.....	415	204	105.0	852.3	80.6	159.0	614.4	1,806.6	2,903.8	4,660.0	412.1	0.54	105	121	19,323.2
1963.....	428	188	98.0	722.4	76.2	150.0	530.1	1,648.4	(NA)	(NA)	230.3	0.58	98	106	16,958.4
1958.....	454	170	100.0	613.5	76.6	144.1	436.4	1,281.9	(NA)	(NA)	250.8	0.62	100	100	16,025.2
1954.....	414	178	101.9	487.5	81.2	155.8	364.9	980.9	(NA)	(NA)	102.0	0.63	102	100	16,098.7
1947.....	327	149	95.0	319.0	80.0	(NA)	256.8	597.8	(NA)	(NA)	(NA)	0.66	95	89	14,294.0
1939.....	237	(NA)	(NA)	(NA)	58.7	(NA)	(NA)	268.0	(NA)	(NA)	(NA)	(NA)	(NA)	59	9,527.3
Grand Rapids, Mich.:															
1967.....	1,174	460	75.7	540.9	59.2	119.1	380.4	1,091.4	947.5	2,028.2	55.2	0.39	134	121	19,323.2
1963.....	1,170	416	64.6	393.2	50.5	104.0	280.7	788.7	(NA)	(NA)	37.4	0.38	114	106	16,958.4
1958.....	1,094	394	56.5	291.7	43.4	86.7	202.6	548.3	(NA)	(NA)	22.5	0.35	100	100	16,025.2
1954.....	1,003	364	63.8	294.3	50.9	106.3	212.3	546.3	(NA)	(NA)	32.8	0.40	113	100	16,098.7
1947.....	874	(NA)	59.3	176.1	50.6	(NA)	138.1	311.1	(NA)	(NA)	(NA)	0.41	105	89	14,294.0
1939.....	620	(NA)	(NA)	(NA)	30.0	(NA)	35.4	90.2	(NA)	(NA)	(NA)	0.29	52	61	9,527.3
Greensboro-Winston-Salem- High Point, N.C. <sup>6</sup>															
1967.....	1,162	517	110.9	596.6	86.8	169.4	382.4	1,567.0	1,607.0	3,162.7	80.3	0.57	129	121	19,323.2
1963.....	1,092	459	96.6	431.1	76.0	147.7	279.7	1,169.9	(NA)	(NA)	44.3	0.57	112	106	16,958.4
1958.....	1,032	420	86.2	305.3	72.4	137.6	222.8	827.6	(NA)	(NA)	32.4	0.54	100	100	16,025.2
Greenville, S.C.:															
1967.....	431	203	52.8	257.1	43.7	89.2	187.1	507.2	578.8	1,075.7	54.7	0.27	143	121	19,323.2
1963.....	406	107	45.3	177.0	38.0	77.6	132.4	314.8	(NA)	(NA)	20.9	0.27	123	106	16,958.4
1958.....	342	137	36.8	118.6	31.6	63.5	92.1	206.4	(NA)	(NA)	9.4	0.23	100	100	16,025.2
1954.....	303	116	32.6	92.4	29.0	59.0	75.1	145.4	(NA)	(NA)	11.0	0.20	88	100	16,098.7
Hartford, Conn.:															
1967.....	1,051	412	110.6	901.7	70.6	152.1	485.8	1,432.3	1,261.4	2,722.4	111.1	0.57	125	121	19,323.2
1963.....	945	325	90.2	589.5	58.0	121.4	332.0	949.3	(NA)	(NA)	41.0	0.53	102	106	16,958.4
1958.....	946	290	88.5	458.6	60.4	120.1	277.8	722.9	(NA)	(NA)	32.5	0.55	100	100	16,025.2
Houston, Tex.:															
1967.....	2,621	892	138.1	1,061.8	88.4	184.8	586.1	2,873.0	3,923.5	6,739.8	499.1	0.71	132	121	19,323.2
1963.....	2,261	727	108.6	720.3	70.3	145.4	403.8	1,918.4	(NA)	(NA)	160.2	0.64	104	106	16,958.4
1958.....	1,976	594	104.5	579.4	70.4	142.3	350.2	1,358.1	(NA)	(NA)	(D)	0.65	100	100	16,025.2
1954.....	1,557	494	89.0	(D)	65.1	118.6	243.2	868.7	(NA)	(NA)	87.2	0.55	85	100	16,098.7
1947.....	1,050	402	66.0	(D)	52.3	(NA)	(D)	(D)	(NA)	(NA)	(NA)	0.46	63	89	14,294.0
1939.....	727	(NA)	(NA)	(D)	24.9	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)	(NA)	59	9,527.3
Indianapolis, Ind. <sup>8</sup> :															
1967.....	1,440	541	134.7	1,009.7	96.5	190.1	636.0	1,855.6	1,700.4	3,561.4	147.2	0.70	128	121	19,323.2
1963.....	1,382	475	115.8	751.2	80.3	164.2	463.7	1,368.5	(NA)	(NA)	72.2	0.68	110	106	16,958.4
1958.....	1,324	475	105.6	574.3	71.8	143.7	343.4	1,026.0	(NA)	(NA)	(D)	0.66	100	100	16,025.2
1954.....	1,338	(NA)	111.8	499.2	82.1	165.9	326.2	896.4	(NA)	(NA)	51.5	0.69	106	100	16,098.7
1947.....	943	(NA)	92.3	278.5	72.8	(NA)	198.0	483.4	(NA)	(NA)	(NA)	0.70	95	89	14,294.0
1939.....	784	(NA)	50.7	73.8	38.7	(NA)	48.0	138.6	(NA)	(NA)	(NA)	(NA)	(NA)	59	9,527.3
Jersey City, N.J.:															
1967.....	2,080	772	107.2	337.8	81.2	161.6	488.0	1,584.9	1,855.4	3,425.6	74.0	0.55	86	121	19,323.2
1963.....	2,338	822	109.5	633.4	82.9	163.0	422.6	1,384.2	(NA)	(NA)	63.8	0.65	88	106	16,958.4
1958.....	2,400	805	124.3	619.2	89.6	173.2	394.5	1,225.0	(NA)	(NA)	49.6	0.78	100	100	16,025.2
1954.....	2,363	785	136.6	590.6	100.9	195.8	380.3	1,119.2	(NA)	(NA)	41.7	0.85	110	100	16,098.7
1947.....	(NA)	(NA)	144.0	(NA)	(NA)	(NA)	(NA)	889.9	(NA)	(NA)	(NA)	1.01	115	89	14,294.0
1939.....	1,632	(NA)	(NA)	(NA)	85.6	(NA)	(NA)	342.5	(NA)	(NA)	(NA)	(NA)	(NA)	59	9,527.3
Kansas City, Mo.--Kans:															
1967.....	1,776	690	129.4	906.6	90.4	179.1	573.2	2,070.7	3,145.1	5,180.5	95.3	0.67	126	121	19,323.2
1963.....	1,755	645	111.1	684.5	75.4	153.1	423.1	1,514.2	(NA)	(NA)	76.4	0.66	108	106	16,958.4
1958.....	1,708	591	103.1	523.8	69.5	136.1	317.8	1,069.1	(NA)	(NA)	60.5	0.64	100	100	16,025.2
1954.....	1,548	559	118.0	513.7	85.3	169.3	337.2	1,042.2	(NA)	(NA)	46.0	0.73	114	100	16,098.7
1947.....	1,376	(NA)	79.3	220.2	62.2	(NA)	157.1	471.7	(NA)	(NA)	(NA)	0.55	77	89	14,294.0
1939.....	1,043	(NA)	(NA)	(NA)	38.3	(NA)	47.6	148.1	(NA)	(NA)	(NA)	(NA)	(NA)	59	9,527.3

See footnotes at end of table.

TABLE 7. General and Comparative Statistics by Geographic Areas: 1967 and Earlier Years—Continued

Geographic area <sup>1</sup> and year	Establishments <sup>2</sup>		All employees <sup>2</sup>		Production workers			Value added by manu- facture	Cost of materials	Value of shipments	Capital expendi- tures, new <sup>3</sup>	Comparative indexes and U.S. employment			
	Total	With 20 employees or more	Number	Payroll	Number	Man- hours	Wages					Percent of U.S. employ- ment	Index of employ- ment change (1958= 100)	United States	
														Index of employ- ment change (1958= 100)	Employees
	(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(1958= 100)	(1958= 100)	(1,000)
SELECTED STANDARD METRO- POLITAN STATISTICAL AREAS (With 40,000 or more manu- facturing employees) <sup>4</sup> --Con.															
Lancaster Pa.:															
1967.....	660	302	54.1	333.1	41.3	81.6	214.2	721.6	650.7	1,371.3	46.6	0.28	123	121	19,323.2
1963.....	673	295	47.9	255.1	35.9	71.8	160.2	532.6	(NA)	(NA)	26.3	0.28	109	106	16,958.4
1958.....	638	276	43.9	190.2	33.7	66.5	124.0	368.0	(NA)	(NA)	15.6	0.27	100	100	16,025.2
1954.....	612	263	43.7	157.8	34.7	68.5	110.3	288.6	(NA)	(NA)	16.1	0.27	99	100	16,098.7
1947.....	(NA)	(NA)	39.1	(NA)	(NA)	(NA)	(NA)	178.0	(NA)	(NA)	(NA)	0.27	89	89	14,294.0
Lawrence-Haverhill, Mass.-N.H.: <sup>5</sup>															
1967.....	465	199	39.9	245.3	30.7	59.6	155.9	435.3	445.6	880.8	22.1	0.21	110	121	19,323.2
1963.....	476	193	42.0	214.3	30.6	58.6	132.9	365.3	(NA)	(NA)	16.3	0.25	115	106	16,958.4
1958.....	501	209	36.4	149.3	27.7	52.7	97.7	268.2	(NA)	(NA)	15.2	0.23	100	100	16,025.2
Los Angeles- Long Beach, Calif.:															
1967.....	17,246	5,705	855.4	6,692.5	579.3	1,163.4	3,780.9	12,088.2	11,776.3	23,727.4	702.1	4.43	123	121	19,323.2
1963.....	17,679	5,186	745.0	5,118.5	494.2	993.5	2,747.0	8,980.9	(NA)	(NA)	389.4	4.39	107	106	16,958.4
1958.....	17,083	4,771	697.2	3,971.5	474.7	945.9	2,312.5	6,729.4	(NA)	(NA)	297.2	4.35	100	100	16,025.2
1954.....	14,424	3,974	633.5	2,929.8	471.7	946.2	1,934.6	5,054.7	(NA)	(NA)	306.0	3.93	92	100	16,098.7
1947.....	9,771	2,722	358.7	1,118.3	281.8	(NA)	797.1	2,052.7	(NA)	(NA)	175.3	2.51	52	91	14,294.0
1939.....	5,505	(NA)	172.8	259.0	127.4	(NA)	167.1	517.7	(NA)	(NA)	(NA)	1.81	25	61	9,527.3
1929.....	5,029	(NA)	127.9	210.0	103.7	(NA)	151.5	505.4	(NA)	(NA)	(NA)	1.32	18	62	9,659.7
1919.....	3,721	(NA)	(NA)	(NA)	63.3	(NA)	74.3	183.9	(NA)	(NA)	(NA)	(NA)	(NA)	63	9,836.8
Louisville, Ky.-Ind.:															
1967.....	900	435	110.0	750.5	82.5	158.7	499.1	2,082.5	2,363.7	4,457.3	125.5	0.57	127	121	19,323.2
1963.....	904	429	87.7	542.5	65.2	131.7	361.3	1,595.6	(NA)	(NA)	66.7	0.52	101	106	16,958.4
1958.....	898	402	86.7	434.6	63.9	125.5	288.2	1,161.4	(NA)	(NA)	52.2	0.54	100	100	16,025.2
1954.....	814	390	88.2	373.6	66.5	135.8	253.0	845.0	(NA)	(NA)	91.0	0.54	102	105	16,098.7
1947.....	743	(NA)	73.9	193.8	60.9	(NA)	144.2	489.4	(NA)	(NA)	(NA)	0.51	85	100	14,294.0
1939.....	641	(NA)	39.8	46.8	35.0	(NA)	35.6	128.5	(NA)	(NA)	(NA)	0.41	46	89	9,527.3
1929.....	822	(NA)	49.5	65.3	42.3	(NA)	48.4	153.2	(NA)	(NA)	(NA)	0.51	57	59	9,659.7
1919.....	979	(NA)	(NA)	(NA)	35.2	(NA)	34.2	90.7	(NA)	(NA)	(NA)	(NA)	(NA)	63	9,836.8
Memphis, Tenn.-Ark.:															
1967.....	862	387	57.4	332.8	42.1	83.3	211.2	796.3	1,291.2	2,078.6	52.2	0.30	137	121	19,323.2
1963.....	816	353	47.1	241.4	34.0	70.2	153.9	575.3	(NA)	(NA)	28.3	0.28	112	106	16,958.4
1958.....	734	300	41.9	178.1	30.1	59.5	112.1	396.9	(NA)	(NA)	33.4	0.26	100	100	16,025.2
1954.....	646	(NA)	43.0	158.0	32.7	66.5	104.3	338.9	(NA)	(NA)	31.9	0.26	101	100	16,098.7
1947.....	(NA)	(NA)	36.5	(NA)	(NA)	(NA)	(NA)	204.4	(NA)	(NA)	(NA)	0.25	85	89	14,294.0
1939.....	376	(NA)	(NA)	(NA)	18.4	(NA)	(NA)	57.5	(NA)	(NA)	(NA)	(NA)	(NA)	59	9,527.3
Miami, Fla.:															
1967.....	2,094	663	58.3	302.9	44.3	87.4	192.2	589.4	578.9	1,165.0	33.4	0.30	158	121	19,323.2
1963.....	1,923	534	43.2	192.6	31.7	63.1	119.7	363.1	(NA)	(NA)	21.9	0.25	117	106	16,958.4
1958.....	1,696	446	36.9	143.1	25.9	50.2	87.8	252.1	(NA)	(NA)	17.9	0.23	100	100	16,025.2
1954.....	1,238	293	24.3	80.2	17.8	34.7	50.0	141.2	(NA)	(NA)	9.8	0.15	66	100	16,098.7
Milwaukee, Wis.: <sup>8</sup>															
1967.....	2,531	1,015	216.5	1,628.8	149.6	296.6	1,004.9	2,982.5	2,717.1	5,671.8	187.6	1.12	114	121	19,323.2
1963.....	2,405	877	193.8	1,271.9	133.3	266.5	784.1	2,337.2	(NA)	(NA)	96.4	1.14	102	106	16,958.4
1958.....	2,387	838	189.5	1,041.7	129.5	252.7	640.0	1,764.5	(NA)	(NA)	80.0	1.18	100	100	16,025.2
1954.....	2,307	856	192.7	886.7	138.9	274.1	572.5	1,519.7	(NA)	(NA)	73.1	1.10	99	100	16,098.7
1947.....	2,180	(NA)	189.3	569.8	150.0	(NA)	420.1	1,032.0	(NA)	(NA)	(NA)	1.10	100	89	14,294.0
1939.....	(NA)	(NA)	(NA)	(NA)	84.1	(NA)	(NA)	299.8	(NA)	(NA)	(NA)	(NA)	(NA)	59	9,527.3
Minneapolis-St. Paul, Minn.:															
1967.....	2,696	1,093	203.7	1,524.9	124.7	250.0	784.2	2,819.4	2,885.3	5,625.1	144.3	1.05	140	121	19,323.2
1963.....	2,666	1,008	163.8	1,056.0	102.9	205.2	573.5	1,956.9	(NA)	(NA)	98.9	0.97	112	106	16,958.4
1958.....	2,481	881	146.0	766.2	91.9	180.2	421.8	1,396.1	(NA)	(NA)	49.9	0.91	100	100	16,025.2
1954.....	2,289	804	143.1	628.1	99.2	98.9	386.4	1,116.8	(NA)	(NA)	49.1	0.84	93	100	16,098.7
1947.....	2,152	(NA)	123.3	361.3	96.3	(NA)	245.3	724.6	(NA)	(NA)	(NA)	0.86	84	89	14,294.0
Nashville, Tenn.:															
1967.....	727	314	54.1	317.4	38.6	78.0	194.1	641.7	761.1	1,392.1	60.3	0.28	135	121	19,323.2
1963.....	675	291	46.5	226.2	34.1	68.4	141.0	489.7	(NA)	(NA)	50.2	0.27	116	106	16,958.4
1958.....	572	242	40.0	166.1	28.4	56.3	101.0	304.8	(NA)	(NA)	26.6	0.25	100	100	16,025.2
New Haven, Conn.: <sup>5</sup>															
1967.....	726	301	46.1	321.3	33.9	70.7	206.0	605.5	552.5	1,152.1	41.3	0.24	108	121	19,323.2
1963.....	731	280	43.0	253.1	30.7	61.9	156.6	425.1	(NA)	(NA)	27.7	0.25	101	106	16,958.4
1958.....	731	277	42.5	205.8	31.3	61.1	130.7	331.6	(NA)	(NA)	18.5	0.27	100	100	16,025.2
New Orleans, La.:															
1967.....	906	312	55.5	380.0	38.8	78.5	232.9	860.1	1,063.4	1,919.6	82.8	0.29	117	121	19,323.2
1963.....	916	309	49.1	282.9	36.5	74.9	193.5	618.4	(NA)	(NA)	31.2	0.29	105	106	16,958.4
1958.....	953	323	47.5	212.4	35.7	69.5	145.4	486.0	(NA)	(NA)	27.0	0.29	100	100	16,025.2
1954.....	899	314	54.4	197.5	42.2	83.4	137.2	378.7	(NA)	(NA)	64.8	0.34	117	100	16,098.7
1947.....	752	(NA)	46.4	107.2	38.9	(NA)	79.9	226.7	(NA)	(NA)	(NA)	0.32	99	89	14,294.0
1939.....	709	(NA)	(NA)	(NA)	26.1	(NA)	78.6	224.0	(NA)	(NA)	(NA)	(NA)	(NA)	59	9,527.3

See footnotes at end of table.



TABLE 7. General and Comparative Statistics by Geographic Areas: 1967 and Earlier Years—Continued

Geographic area <sup>1</sup> and year	Establishments <sup>2</sup>		All employees <sup>2</sup>		Production workers			Value added by manufacture  (million dollars)	Cost of materials  (million dollars)	Value of shipments  (million dollars)	Capital expenditures, new <sup>3</sup>  (million dollars)	Comparative indexes and U.S. employment			
	Total	With 20 employees or more	Number	Payroll  (million dollars)	Number	Man-hours  (millions)	Wages  (million dollars)					Percent of U.S. employment	Index of employment change  (1958= 100)	United States	
														Index of employment change  (1958= 100)	Employees  (1,000)
SELECTED STANDARD METRO-POLITAN STATISTICAL AREAS (With 40,000 or more manufacturing employees) <sup>4</sup> --Con.															
New York, N.Y.:															
1967.....	34,425	11,316	1,147.4	8,112.7	749.6	1,435.6	3,968.1	13,803.5	13,808.6	27,486.1	439.4	5.94	97	121	19,323.2
1963.....	39,994	11,741	1,147.2	6,849.4	760.7	1,455.2	3,515.6	11,417.0	(NA)	(NA)	345.8	6.76	97	106	16,958.4
1958.....	40,134	11,705	1,184.0	5,876.9	793.7	1,494.3	3,130.0	9,388.5	(NA)	(NA)	316.6	7.40	100	100	16,025.2
1954.....	41,012	11,754	1,203.4	5,038.0	872.1	1,651.8	2,943.6	8,133.2	(NA)	(NA)	183.3	7.47	102	100	16,098.7
1947.....	(NA)	(NA)	1,027.0	(NA)	(NA)	(NA)	(NA)	5,984.5	(NA)	(NA)	(NA)	7.18	87	89	14,294.0
1939.....	26,206	(NA)	(NA)	(NA)	540.9	(NA)	(NA)	1,969.6	(NA)	(NA)	(NA)	(NA)	(NA)	59	9,527.3
Newark, N.J.:															
1967.....	4,466	1,769	263.7	1,958.4	170.2	343.4	1,033.4	4,071.1	4,117.6	8,147.4	295.6	1.36	107	121	19,323.2
1963.....	4,692	1,705	250.2	1,613.8	160.3	321.9	852.9	3,015.6	(NA)	(NA)	155.8	1.48	102	106	16,958.4
1958.....	4,424	1,586	245.6	1,289.8	163.6	320.3	738.6	2,292.9	(NA)	(NA)	123.1	1.53	100	100	16,025.2
1954.....	4,255	1,571	255.5	1,138.6	181.1	359.4	695.3	1,965.0	(NA)	(NA)	128.2	1.59	104	100	16,098.7
1947.....	(NA)	(NA)	222.8	(NA)	(NA)	(NA)	(NA)	1,317.3	(NA)	(NA)	(NA)	1.56	91	89	14,294.0
1939.....	2,458	(NA)	(NA)	(NA)	116.1	(NA)	(NA)	438.6	(NA)	(NA)	(NA)	(NA)	(NA)	59	9,527.3
Paterson-Clifton-Passaic, N.J.:															
1967.....	3,851	1,492	190.0	1,320.8	130.5	260.7	758.7	2,506.6	2,536.6	4,989.3	132.5	0.98	120	121	19,323.2
1963.....	3,826	1,322	176.5	1,053.1	122.7	247.4	640.5	2,002.9	(NA)	(NA)	71.5	1.04	111	106	16,958.4
1958.....	3,364	1,138	158.5	806.5	115.1	226.3	507.9	1,464.6	(NA)	(NA)	55.5	0.99	100	100	16,025.2
1954.....	2,956	1,041	157.2	674.3	119.0	235.2	451.5	1,162.7	(NA)	(NA)	39.7	1.04	99	100	16,098.7
1947.....	(NA)	(NA)	131.0	(NA)	(NA)	(NA)	(NA)	701.6	(NA)	(NA)	(NA)	0.92	83	89	14,294.0
1939.....	1,364	(NA)	(NA)	(NA)	82.5	(NA)	(NA)	227.7	(NA)	(NA)	(NA)	(NA)	(NA)	59	9,527.3
Peoria, Ill.:															
1967.....	351	156	46.6	371.3	31.9	60.5	228.2	765.5	677.3	1,433.1	93.2	0.24	125	121	19,323.2
1963.....	368	141	40.1	277.6	27.6	55.2	172.3	604.2	(NA)	(NA)	24.1	0.24	108	106	16,958.4
1958.....	338	129	37.2	195.6	25.4	46.0	117.6	496.8	(NA)	(NA)	29.5	0.23	100	100	16,025.2
1954.....	348	116	41.5	186.4	30.9	61.2	126.1	366.7	(NA)	(NA)	21.3	0.26	111	100	16,098.7
1947.....	300	(NA)	43.0	124.7	34.9	(NA)	94.9	282.2	(NA)	(NA)	(NA)	0.30	116	89	14,294.0
1939.....	280	(NA)	(NA)	(NA)	19.1	(NA)	28.2	85.6	(NA)	(NA)	(NA)	(NA)	(NA)	59	9,527.3
Philadelphia, Pa.-N.J.:															
1967.....	7,938	3,317	573.8	4,125.2	397.5	782.4	2,405.6	7,958.8	8,242.1	16,016.5	624.9	2.97	107	121	19,323.2
1963.....	8,287	3,212	535.8	3,310.6	374.8	743.5	1,998.1	6,031.6	(NA)	(NA)	297.5	3.16	100	106	16,958.4
1958.....	8,251	3,147	536.9	2,738.9	380.4	738.1	1,688.8	4,826.3	(NA)	(NA)	306.1	3.35	100	100	16,025.2
1954.....	8,079	3,159	563.8	2,401.4	419.9	827.0	1,564.3	4,023.7	(NA)	(NA)	275.8	3.50	105	100	16,098.7
1947.....	7,394	(NA)	531.8	1,530.7	437.0	(NA)	1,139.1	2,772.6	(NA)	(NA)	(NA)	3.72	99	89	14,294.0
1939.....	5,756	(NA)	393.6	555.6	320.6	(NA)	385.8	1,037.3	(NA)	(NA)	(NA)	4.13	73	59	9,527.3
1929.....	7,136	(NA)	428.9	663.0	367.8	(NA)	497.4	1,396.5	(NA)	(NA)	(NA)	4.44	79	60	9,659.7
1919.....	11,673	(NA)	(NA)	(NA)	465.5	(NA)	567.9	1,303.0	(NA)	(NA)	(NA)	(NA)	(NA)	61	9,836.8
Phoenix, Ariz.:															
1967.....	1,063	296	59.3	433.4	37.0	75.1	228.2	773.3	615.8	1,396.4	89.4	0.31	230	121	19,323.2
1963.....	975	233	40.9	253.8	26.3	52.9	142.8	435.6	(NA)	(NA)	38.3	0.24	159	106	16,958.4
1958.....	705	170	25.8	139.7	18.4	38.0	94.5	227.7	(NA)	(NA)	14.3	0.16	100	100	16,025.2
1954.....	461	(NA)	15.8	67.3	11.9	24.8	47.7	115.3	(NA)	(NA)	7.5	0.10	61	100	16,098.7
Pittsburgh, Pa.:															
1967.....	2,464	1,023	299.6	2,383.0	197.1	380.8	1,350.2	3,838.3	4,441.7	8,204.5	385.8	1.55	98	121	19,323.2
1963.....	2,578	947	272.2	1,925.6	181.1	351.8	1,119.0	2,879.2	(NA)	(NA)	199.9	1.60	89	106	16,958.4
1958.....	2,574	921	305.7	1,798.2	202.7	380.1	1,057.1	2,622.3	(NA)	(NA)	262.6	1.91	100	100	16,025.2
1954.....	2,381	917	331.6	1,557.8	239.8	454.8	995.8	2,481.8	(NA)	(NA)	164.0	2.06	108	100	16,098.7
1947.....	2,227	(NA)	337.9	1,023.8	284.0	(NA)	807.1	1,704.3	(NA)	(NA)	(NA)	2.36	111	89	14,294.0
1939.....	1,905	(NA)	229.4	357.0	191.3	(NA)	270.4	640.9	(NA)	(NA)	(NA)	2.41	75	59	9,527.3
1929.....	2,544	(NA)	248.6	423.3	216.5	(NA)	338.0	835.3	(NA)	(NA)	(NA)	2.57	81	60	9,659.7
1919.....	3,796	(NA)	(NA)	(NA)	245.0	(NA)	366.3	803.6	(NA)	(NA)	(NA)	(NA)	(NA)	61	9,836.8
Portland, Oreg.-Wash.:															
1967.....	1,826	563	79.8	561.0	58.4	113.9	368.4	1,115.4	1,304.2	2,420.5	77.0	0.41	137	121	19,323.2
1963.....	1,863	519	65.3	392.8	47.5	92.4	258.6	768.2	(NA)	(NA)	48.9	0.38	112	106	16,958.4
1958.....	1,791	458	58.3	296.2	43.5	82.9	201.6	597.6	(NA)	(NA)	32.2	0.36	100	100	16,025.2
1954.....	1,787	438	57.5	244.1	44.8	85.9	172.0	475.0	(NA)	(NA)	27.2	0.36	98	100	16,098.7
1947.....	1,298	409	51.6	153.7	42.7	(NA)	119.9	314.3	(NA)	(NA)	36.3	0.36	89	89	14,294.0
1939.....	943	(NA)	28.4	38.2	25.0	(NA)	30.7	79.9	(NA)	(NA)	(NA)	0.30	49	59	9,527.3
1929.....	1,307	(NA)	38.1	56.8	31.6	(NA)	42.3	112.6	(NA)	(NA)	(NA)	0.39	65	60	9,659.7
1919.....	1,129	(NA)	(NA)	(NA)	38.1	(NA)	54.9	111.9	(NA)	(NA)	(NA)	(NA)	(NA)	61	9,836.8
Providence-Pawtucket-Warwick, R.I.-Mass.: <sup>5</sup>															
1967.....	2,925	1,024	138.0	789.9	108.8	212.7	526.8	1,533.9	1,377.4	2,885.0	89.2	0.71	108	121	19,323.2
1963.....	2,918	951	125.9	596.4	99.2	197.2	406.7	1,075.2	(NA)	(NA)	47.8	0.74	99	106	16,958.4
1958.....	2,938	996	127.2	509.9	101.0	195.9	347.8	852.1	(NA)	(NA)	33.4	0.79	100	100	16,025.2

See footnotes at end of table.

TABLE 7. General and Comparative Statistics by Geographic Areas: 1967 and Earlier Years—Continued

Geographic area <sup>1</sup> and year	Establishments <sup>2</sup>		All employees <sup>2</sup>		Production workers			Value added by manu- facture	Cost of materials	Value of shipments	Capital expendi- tures, new <sup>3</sup>	Comparative indexes and U.S. employment			
	Total	With 20 employees or more	Number	Payroll	Number	Man- hours	Wages					Percent of U.S. employ- ment	Index of employ- ment change (1958= 100)	United States	
														Index of employ- ment change (1958= 100)	Employees
(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(1958= 100)	(1958= 100)	(1,000)	
SELECTED STANDARD METRO- POLITAN STATISTICAL AREAS (With 40,000 or more manu- facturing employees) <sup>4</sup> --Con.															
Reading, Pa. :															
1967.....	666	336	56.4	334.3	44.6	88.0	230.2	597.5	617.9	1,215.0	50.8	0.29	117	121	19,323.2
1963.....	677	311	50.7	255.1	39.9	77.9	175.4	429.5	(NA)	(NA)	24.6	0.30	105	106	16,958.4
1958.....	702	319	48.4	194.4	38.9	73.6	137.9	341.7	(NA)	(NA)	16.4	0.30	100	100	16,025.2
1954.....	669	317	49.4	169.2	41.5	78.1	126.9	294.3	(NA)	(NA)	17.4	0.31	102	100	16,098.7
1947.....	616	(NA)	53.0	135.8	46.4	(NA)	110.8	230.2	(NA)	(NA)	(NA)	0.37	109	89	14,294.0
1939.....	493	(NA)	46.1	54.0	40.5	(NA)	41.6	83.8	(NA)	(NA)	(NA)	0.48	95	59	9,527.3
1929.....	567	(NA)	47.5	67.8	43.5	(NA)	56.3	117.9	(NA)	(NA)	(NA)	0.49	98	60	9,659.7
1919.....	1,031	(NA)	(NA)	(NA)	41.1	(NA)	39.9	81.7	(NA)	(NA)	(NA)	(NA)	(NA)	61	9,836.8
Richmond, Va. :															
1967.....	595	259	51.4	337.8	34.5	68.6	186.0	777.3	965.0	1,741.1	68.6	0.27	120	121	19,323.2
1963.....	577	241	46.0	256.6	31.4	62.4	146.7	558.8	(NA)	(NA)	53.6	0.27	107	106	16,958.4
1958.....	571	219	43.0	194.7	29.4	57.8	113.6	454.7	(NA)	(NA)	22.5	0.27	100	100	16,025.2
1954.....	535	192	38.4	137.5	29.2	56.1	88.3	346.3	(NA)	(NA)	21.0	0.23	89	100	16,098.7
Rochester, N.Y. :															
1967.....	1,158	453	145.7	1,197.8	92.2	185.6	643.6	2,914.9	1,440.8	4,380.7	217.3	0.75	125	121	19,323.2
1963.....	1,214	427	121.3	837.8	80.7	160.4	471.1	1,761.5	(NA)	(NA)	86.8	0.72	104	106	16,958.4
1958.....	1,032	414	116.7	640.4	80.5	154.2	377.9	1,174.6	(NA)	(NA)	59.6	0.72	100	100	16,025.2
1954.....	979	330	125.5	566.9	83.2	163.7	338.2	919.8	(NA)	(NA)	58.8	0.77	108	100	16,098.7
1947.....	907	(NA)	107.5	319.2	85.7	(NA)	234.9	514.5	(NA)	(NA)	(NA)	0.75	92	89	14,294.0
1939.....	775	(NA)	67.0	106.5	50.9	(NA)	70.4	207.7	(NA)	(NA)	(NA)	0.70	57	59	9,527.3
1929.....	1,044	(NA)	74.1	119.6	62.2	(NA)	87.8	247.7	(NA)	(NA)	(NA)	0.77	63	60	9,659.7
1919.....	1,536	(NA)	(NA)	(NA)	67.6	(NA)	73.3	195.9	(NA)	(NA)	(NA)	(NA)	(NA)	61	9,836.8
Rockford, Ill. :															
1967.....	624	253	57.7	430.0	42.2	87.3	280.6	832.5	921.0	1,733.0	69.7	0.30	141	121	19,323.2
1963.....	584	228	43.9	272.9	31.4	66.0	176.7	494.8	(NA)	(NA)	22.2	0.26	108	106	16,958.4
1958.....	487	188	40.8	211.5	28.1	55.7	131.7	362.8	(NA)	(NA)	17.1	0.26	100	100	16,025.2
1954.....	439	-	39.4	182.0	29.3	61.9	124.1	312.8	(NA)	(NA)	16.3	0.24	97	100	16,098.7
1947.....	403	(NA)	36.9	116.2	30.3	(NA)	89.5	197.8	(NA)	(NA)	(NA)	0.26	90	89	14,294.0
1939.....	283	(NA)	(NA)	(NA)	18.6	(NA)	22.7	51.6	(NA)	(NA)	(NA)	(NA)	(NA)	59	9,527.3
St. Louis, Mo.-Ill. :															
1967.....	3,114	1,313	295.5	2,217.3	203.2	404.2	1,323.9	4,158.9	5,762.0	9,904.1	300.8	1.53	113	121	19,323.2
1963.....	3,217	1,283	259.7	1,666.3	179.4	359.7	1,007.3	3,118.7	(NA)	(NA)	170.2	1.53	99	106	16,958.4
1958.....	3,220	1,281	262.5	1,353.0	184.9	357.4	836.0	2,417.0	(NA)	(NA)	153.5	1.64	100	100	16,025.2
1954.....	3,230	1,256	271.4	1,156.9	198.6	387.9	751.4	2,111.9	(NA)	(NA)	134.2	1.68	103	100	16,098.7
1947.....	3,036	(NA)	253.0	684.1	207.9	(NA)	507.9	1,337.3	(NA)	(NA)	(NA)	1.77	96	89	14,294.0
San Bernardino- Riverside-Ontario, Calif. :															
1967.....	1,033	279	46.4	340.7	35.0	69.0	229.9	678.7	696.1	1,392.5	56.6	0.24	159	121	19,323.2
1963.....	957	218	37.5	238.7	27.6	54.6	157.2	493.8	(NA)	(NA)	44.1	0.22	128	106	16,958.4
1958.....	768	162	29.2	156.7	22.9	45.8	115.8	319.6	(NA)	(NA)	98.1	0.18	100	100	16,025.2
San Diego, Calif. :															
1967.....	1,032	254	63.5	521.1	41.1	82.2	293.7	803.8	609.7	1,407.5	47.3	0.33	89	121	19,323.2
1963.....	920	191	60.3	453.0	30.2	58.9	186.9	661.4	(NA)	(NA)	13.9	0.36	84	106	16,958.4
1958.....	765	159	71.4	447.8	46.5	95.4	248.6	605.5	(NA)	(NA)	26.3	0.45	100	100	16,025.2
1954.....	595	114	48.1	225.0	37.3	74.4	157.0	390.2	(NA)	(NA)	8.0	0.29	67	100	16,098.7
San Francisco-Oakland, Calif. :															
1967.....	4,719	1,456	197.8	1,577.9	128.9	250.7	897.0	3,160.3	4,346.3	7,471.8	200.0	1.02	104	121	19,323.2
1963.....	4,922	1,402	196.2	1,356.6	125.9	243.6	766.3	2,567.6	(NA)	(NA)	188.0	1.16	103	106	16,958.4
1958.....	4,520	1,298	190.3	1,080.4	126.2	241.1	640.9	2,049.4	(NA)	(NA)	161.6	1.19	100	100	16,025.2
1954.....	4,043	1,173	184.3	873.4	127.3	247.2	533.9	7,656.4	(NA)	(NA)	114.5	1.10	97	54	16,098.7
1947.....	3,628	(NA)	162.4	522.6	130.1	(NA)	390.2	7,037.5	(NA)	(NA)	(NA)	1.14	85	47	14,294.0
1939.....	3,171	(NA)	(NA)	(NA)	75.3	(NA)	109.3	356.6	(NA)	(NA)	(NA)	1.06	58	61	9,527.3
1929.....	3,923	(NA)	109.1	179.6	89.3	(NA)	131.5	448.1	(NA)	(NA)	(NA)	1.13	63	62	9,659.7
1919.....	3,651	(NA)	(NA)	(NA)	107.1	(NA)	140.6	360.2	(NA)	(NA)	(NA)	(NA)	(NA)	63	9,836.8
San Jose, Calif. :															
1967.....	1,251	431	120.3	1,081.3	58.7	119.9	416.5	907.5	1,802.5	3,654.7	164.2	0.62	225	121	19,323.2
1963.....	1,095	344	94.7	739.9	47.3	94.9	286.6	1,210.3	(NA)	(NA)	64.3	0.56	176	106	16,958.4
1958.....	798	253	53.9	340.5	36.2	70.7	195.7	631.6	(NA)	(NA)	39.6	0.34	100	100	16,025.2
1954.....	567	164	28.4	118.9	21.3	41.4	81.3	263.6	(NA)	(NA)	19.9	0.18	53	100	16,098.7
1947.....	(NA)	(NA)	189.9	(NA)	(NA)	(NA)	(NA)	116.8	(NA)	(NA)	(NA)	0.13	35	89	14,294.0
1939.....	289	(NA)	(NA)	(NA)	9.3	(NA)	(NA)	29.6	(NA)	(NA)	(NA)	(NA)	(NA)	61	9,527.3
Seattle-Everett, Wash. :															
1967.....	1,945	572	162.2	1,366.7	90.2	177.0	629.3	2,038.5	2,455.6	4,479.9	262.0	0.84	141	121	19,323.2
1963.....	2,052	497	121.6	855.2	70.2	139.2	421.5	1,480.8	(NA)	(NA)	52.3	0.72	106	106	16,958.4
1958.....	1,935	477	114.9	659.7	79.1	156.7	386.6	1,064.9	(NA)	(NA)	56.8	0.72	100	100	16,025.2
1954.....	1,741	444	88.2	395.0	63.0	119.8	251.6	599.8	(NA)	(NA)	55.8	0.55	77	100	16,098.7
1947.....	1,418	435	63.6	199.0	52.8	(NA)	154.1	337.3	(NA)	(NA)	(NA)	0.45	55	89	14,294.0
1939.....	1,282	(NA)	(NA)	(NA)	29.9	(NA)	(NA)	103.3	(NA)	(NA)	(NA)	(NA)	(NA)	59	9,527.3

See footnotes at end of table.



TABLE 7. General and Comparative Statistics by Geographic Areas: 1967 and Earlier Years—Continued

Geographic area <sup>1</sup> and year	Establishments <sup>2</sup>		All employees <sup>3</sup>		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new <sup>4</sup>	Comparative indexes and U.S. employment			
	Total	With 20 employees or more	Number	Payroll	Number	Man- hours	Wages					Percent of U.S. employ- ment	Index of employ- ment change (1958=100)	United States	
														Index of employ- ment change (1958=100)	Employees
	(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(1958=100)	(1958=100)	(1,000)
SELECTED STANDARD METROPOLITAN STATISTICAL AREAS (With 40,000 or more manufacturing employees) <sup>4</sup> --Con.															
South Bend, Ind. :															
1967.....	452	184	35.0	262.0	25.0	51.3	172.0	458.4	629.4	1,068.7	31.1	0.18	95	121	19,323.2
1963.....	439	148	37.7	244.2	26.9	52.7	156.8	361.5	(NA)	(NA)	14.9	0.22	102	106	16,958.4
1958.....	403	131	36.9	204.8	24.4	47.2	122.2	361.9	(NA)	(NA)	14.1	0.23	100	100	16,025.2
1954.....	401	(NA)	45.3	207.7	34.4	64.1	144.7	330.7	(NA)	(NA)	8.1	0.28	123	100	16,098.7
1947.....	316	(NA)	46.3	149.9	39.0	(NA)	121.8	243.8	(NA)	(NA)	(NA)	0.32	125	89	14,294.0
1939.....	224	(NA)	(NA)	(NA)	21.6	(NA)	3.0	7.2	(NA)	(NA)	(NA)	(NA)	(NA)	59	9,527.3
Springfield-Chicopee-Holyoke, Mass.-Conn. : <sup>5</sup>															
1967.....	1,003	426	73.3	463.8	54.5	107.9	304.1	947.7	760.7	1,701.0	62.9	0.38	102	121	19,323.2
1963.....	979	397	67.4	370.3	49.7	98.9	240.9	690.6	(NA)	(NA)	27.9	0.40	94	106	16,958.4
1958.....	987	390	71.8	344.0	53.8	104.1	224.2	597.4	(NA)	(NA)	25.6	0.45	100	100	16,025.2
Syracuse, N. Y. :															
1967.....	755	291	68.2	506.2	44.7	89.8	280.9	941.1	885.6	1,830.6	70.7	0.35	98	121	19,323.2
1963.....	773	280	67.1	423.5	41.0	81.6	225.1	779.7	(NA)	(NA)	42.8	0.40	97	106	16,958.4
1958.....	775	281	69.5	366.7	43.2	85.0	191.6	679.9	(NA)	(NA)	25.4	0.43	100	100	16,025.2
1954.....	766	274	70.3	295.9	48.7	98.1	184.8	553.7	(NA)	(NA)	29.6	0.44	101	100	16,098.7
1947.....	(NA)	(NA)	67.6	(NA)	(NA)	(NA)	(NA)	340.1	(NA)	(NA)	(NA)	0.47	97	89	14,294.0
1939.....	509	(NA)	(NA)	(NA)	33.0	(NA)	(NA)	105.0	(NA)	(NA)	(NA)	(NA)	(NA)	61	9,527.3
Tampa-St. Petersburg, Fla. :															
1967.....	1,137	347	46.7	271.6	33.3	67.4	161.9	559.5	625.2	1,182.9	35.4	0.24	148	121	19,323.2
1963.....	1,136	270	36.7	189.1	25.1	51.7	110.0	403.7	(NA)	(NA)	21.8	0.22	117	106	16,958.4
1958.....	996	264	31.5	117.4	24.0	47.2	80.3	235.6	(NA)	(NA)	18.1	0.20	100	100	16,025.2
Toledo, Ohio-Mich. :															
1967.....	984	371	77.7	616.4	54.4	110.8	389.6	1,200.8	1,568.4	2,755.0	131.3	0.40	110	121	19,323.2
1963.....	1,019	347	70.7	486.0	49.5	101.7	310.3	911.0	(NA)	(NA)	42.7	0.42	100	106	16,958.4
1958.....	967	316	70.8	410.0	49.0	95.2	255.4	715.5	(NA)	(NA)	57.5	0.44	100	100	16,025.2
1954.....	904	331	78.6	391.6	58.2	115.6	264.1	661.1	(NA)	(NA)	50.9	0.48	111	100	16,098.7
1947.....	716	(NA)	76.4	248.7	63.8	(NA)	191.5	438.2	(NA)	(NA)	(NA)	0.53	108	89	14,294.0
1939.....	576	(NA)	(NA)	(NA)	37.7	(NA)	52.6	140.0	(NA)	(NA)	(NA)	0.39	54	59	9,527.3
Tulsa, Okla. :															
1967.....	724	247	41.9	292.7	28.1	58.1	167.3	514.6	578.1	1,077.1	26.0	0.22	138	121	19,323.2
1963.....	710	213	29.9	174.1	20.1	40.6	101.5	292.7	(NA)	(NA)	15.3	0.18	99	106	16,958.4
1958.....	626	181	30.3	155.9	21.7	43.2	100.7	252.2	(NA)	(NA)	21.8	0.19	100	100	16,025.2
Utica-Rome, N. Y. :															
1967.....	435	181	42.9	282.5	31.3	62.3	122.3	627.9	566.2	1,162.2	33.4	0.22	106	121	19,323.2
1963.....	472	169	38.5	218.7	27.2	54.7	133.8	447.2	(NA)	(NA)	15.7	0.23	95	106	16,958.4
1958.....	485	171	40.6	194.8	29.2	57.7	124.4	344.8	(NA)	(NA)	17.4	0.25	100	100	16,025.2
1954.....	503	184	43.1	169.2	34.0	66.0	122.0	328.2	(NA)	(NA)	10.2	0.27	106	100	16,098.7
1947.....	430	(NA)	51.0	140.6	44.2	(NA)	113.9	233.0	(NA)	(NA)	(NA)	0.36	126	89	14,294.0
1939.....	383	(NA)	35.9	41.6	32.3	(NA)	33.7	79.9	(NA)	(NA)	(NA)	0.38	88	59	9,527.3
1929.....	515	(NA)	43.2	56.8	38.0	(NA)	43.9	106.4	(NA)	(NA)	(NA)	0.45	107	60	9,659.7
1919.....	898	(NA)	(NA)	(NA)	44.0	(NA)	45.5	97.6	(NA)	(NA)	(NA)	(NA)	(NA)	61	9,836.8
Washington, D. C. -Md. -Va. : <sup>8</sup>															
1967.....	1,388	434	55.5	410.1	31.3	61.0	196.0	728.2	606.9	1,332.8	40.9	0.29	160	121	19,323.2
1963.....	1,276	376	50.1	324.3	28.0	55.6	154.9	525.3	(NA)	(NA)	30.7	0.30	144	106	16,958.4
1958.....	1,058	284	34.7	177.7	20.2	39.8	90.1	312.2	(NA)	(NA)	22.1	0.22	100	100	16,025.2
1954.....	859	(NA)	30.7	133.5	18.5	36.0	67.6	223.5	(NA)	(NA)	10.6	0.19	88	100	16,098.7
1947.....	(NA)	(NA)	22.5	(NA)	(NA)	(NA)	(NA)	118.8	(NA)	(NA)	(NA)	0.16	65	89	14,294.0
Waterbury, Conn. :															
1967.....	509	200	42.6	277.4	32.5	62.7	181.1	503.8	560.4	1,055.6	32.7	0.22	114	121	19,323.2
1963.....	468	170	37.7	222.8	28.5	57.3	150.6	421.6	(NA)	(NA)	15.5	0.22	101	106	16,958.4
1958.....	417	143	37.4	189.8	28.3	55.6	128.1	301.6	(NA)	(NA)	21.6	0.23	100	100	16,025.2
Wichita, Kans. :															
1967.....	518	172	57.7	415.4	41.0	85.1	276.4	730.3	863.0	1,599.3	37.6	0.30	106	121	19,323.2
1963.....	518	151	43.3	286.6	31.4	64.5	183.0	480.1	(NA)	(NA)	22.8	0.26	79	106	16,958.4
1958.....	483	137	54.5	290.7	38.2	76.6	192.9	473.5	(NA)	(NA)	23.7	0.34	100	100	16,025.2
1954.....	465	121	54.9	245.6	40.3	84.8	175.4	350.3	(NA)	(NA)	10.7	0.34	101	100	16,098.7
1947.....	(NA)	(NA)	18.5	(NA)	(NA)	(NA)	(NA)	106.0	(NA)	(NA)	(NA)	0.13	34	89	14,294.0
Wilkes-Barre-Hazleton, Pa. :															
1967.....	778	438	49.7	226.1	41.9	77.7	172.0	462.7	413.0	869.9	18.4	0.26	128	121	19,323.2
1963.....	768	401	43.8	164.8	37.6	69.1	127.5	311.0	(NA)	(NA)	9.1	0.26	113	106	16,958.4
1958.....	699	346	38.7	122.8	33.1	59.5	94.8	207.6	(NA)	(NA)	6.9	0.24	100	100	16,025.2
1954.....	632	-	37.0	97.8	32.9	59.4	79.8	156.3	(NA)	(NA)	5.3	0.23	96	100	16,098.7
1947.....	468	(NA)	35.6	73.3	31.9	(NA)	60.5	126.1	(NA)	(NA)	7.2	0.25	92	89	14,294.0
1939.....	307	(NA)	(NA)	(NA)	19.0	(NA)	16.4	41.0	(NA)	(NA)	(NA)	(NA)	(NA)	59	9,527.3

See footnotes at end of table.

TABLE 7. General and Comparative Statistics by Geographic Areas: 1967 and Earlier Years—Continued

Geographic area <sup>1</sup> and year	Establishments <sup>2</sup>		All employees <sup>2</sup>		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new <sup>3</sup>	Comparative indexes and U.S. employment			
	Total	With 20 employees or more	Number	Payroll	Number	Man- hours	Wages					Percent of U.S. employ- ment	Index of employ- ment change (1958= 100)	United States	
														Index of employ- ment change (1958= 100)	Employees
(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(1958= 100)	(1958= 100)	(1,000)	
SELECTED STANDARD METRO- POLITAN STATISTICAL AREAS (With 40,000 or more manu- facturing employees) <sup>4</sup> —Con.															
Wilmington, Del.—N.J.—Md.:															
1967.....	455	229	68.0	605.1	36.0	70.3	233.4	846.0	1,445.2	2,290.6	127.1	0.35	116	121	19,323.2
1963.....	480	206	59.4	468.6	30.4	61.1	178.2	702.6	(NA)	(NA)	60.8	0.35	101	106	16,958.4
1958.....	448	178	58.7	380.9	29.8	57.4	142.0	470.8	(NA)	(NA)	34.7	0.37	100	100	16,025.2
1954.....	408	167	56.1	297.0	31.3	60.9	121.5	402.4	(NA)	(NA)	25.2	0.35	96	100	16,098.7
1947.....	335	155	37.8	114.3	30.6	(NA)	82.6	212.7	(NA)	(NA)	(NA)	0.26	64	89	14,294.0
Worcester, Mass.: <sup>5</sup>															
1967.....	781	324	50.9	340.8	36.2	72.3	212.6	602.9	470.6	1,064.3	37.3	0.26	100	121	19,323.2
1963.....	783	302	47.6	266.9	34.2	67.2	166.8	430.2	(NA)	(NA)	17.0	0.28	93	106	16,958.4
1958.....	800	317	51.1	242.0	36.8	71.3	152.5	377.7	(NA)	(NA)	22.5	0.32	100	100	16,025.2
York, Pa.:															
1967.....	710	368	57.0	324.4	46.1	93.9	229.7	662.5	651.6	1,303.4	57.7	0.29	119	121	19,323.2
1963.....	724	365	48.7	224.1	39.9	80.6	162.7	438.2	(NA)	(NA)	19.7	0.29	101	106	16,958.4
1958.....	710	349	48.1	195.0	39.0	78.3	134.2	363.4	(NA)	(NA)	14.3	0.30	100	100	16,025.2
1954.....	624	300	50.8	176.4	41.0	83.7	125.3	307.8	(NA)	(NA)	19.6	0.32	104	100	16,098.7
1947.....	688	(NA)	47.2	110.2	40.4	(NA)	84.7	207.2	(NA)	(NA)	(NA)	0.33	97	89	14,294.0
1939.....	525	(NA)	(NA)	(NA)	31.3	(NA)	32.2	73.4	(NA)	(NA)	(NA)	(NA)	(NA)	59	9,527.3
Youngstown-Warren, Ohio:															
1967.....	567	240	82.9	631.7	66.5	134.5	469.8	1,260.5	1,839.8	3,077.8	73.6	0.43	109	121	19,323.2
1963.....	571	222	69.4	479.2	55.6	110.5	361.6	901.6	(NA)	(NA)	57.3	0.41	91	106	16,958.4
1958.....	563	230	76.4	427.3	60.9	108.4	319.1	729.4	(NA)	(NA)	53.1	0.48	100	100	16,025.2
1954.....	578	238	86.8	394.4	73.1	138.5	309.3	686.0	(NA)	(NA)	42.1	0.54	114	100	16,098.7
1947.....	(NA)	(NA)	88.0	(NA)	(NA)	(NA)	(NA)	445.9	(NA)	(NA)	(NA)	0.62	115	89	14,294.0
1939.....	333	(NA)	(NA)	(NA)	52.2	(NA)	(NA)	167.6	(NA)	(NA)	(NA)	(NA)	(NA)	59	9,527.3

Note: See appendix A for an explanation of terms. The totals at the U.S. and State level were derived from separate tabulations based on industry rather than State detail. The sum of the State detail does not add to the U.S. total because of (1) independent rounding, and (2) independent corrections to the industry and State tabulation.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. Revised.  
(X) Not applicable. (Z) Less than \$50 thousand or under 50 employees.  
<sup>1</sup>The 1958 and subsequent years' figures include establishments classified in industry 3273, Ready Mixed Concrete, and establishments classified in industry 3599, Miscellaneous Machinery, that were engaged exclusively or almost exclusively in machine shop repair work. The data for such establishments are excluded from the figures for the period 1939 to 1957, but are included for 1929 and earlier years. The 1954 to 1967 figures include data for establishments engaged in the processing and distribution of fluid milk, industry group 202, Dairies. These establishments were not included in the figures for earlier census years. In addition, beginning with 1954, the figures include data for Logging Camps and Contractors, industry 2411, which were not included within the scope of the 1947 census. There were also a number of changes in the definition of manufacturing industries during earlier census years that affect the comparability of the historical series. Among the more important of these were the following: Figures for 1935 and later years exclude data for railroad repair shops and manufactured gas which were included in 1899 to 1933 figures; the minimum size of establishment included for 1947 to 1963 was 1 employee; for 1921 to 1939, manufacturing establishments reporting value of shipments of \$5,000 or more were within scope whereas for 1919 and earlier years the cutoff was \$500. (These changes in procedure have not appreciably affected the comparability of the historical data except for the figures on number of establishments.)

<sup>2</sup>Employment and payroll totals for central administrative offices and auxiliaries are included in the statistics shown for the years 1954 to 1967. Prior to 1954, this information was not available. The "number of establishments with 20 or more employees" total for 1958 and all previous years and "total number of establishments" total for 1954 and previous years does not include data for central administrative offices and auxiliaries.

<sup>3</sup>For the years 1958 to 1967, includes expenditures for plants under construction but not in operation in addition to expenditures at operating manufacturing establishments. Prior to 1958, the data represents expenditures at operating manufacturing establishments only.

<sup>4</sup>This table includes data only for standard metropolitan statistical areas with 40,000 or more manufacturing employees in 1967 or 1963. The definitions of the standard metropolitan statistical areas are shown in appendix F.

<sup>5</sup>Comparable data for years prior to 1958 are not available due to a revision in the definition of the standard metropolitan statistical area. See the 1958 or 1954 Census of Manufactures Area Statistics, Volume III, for statistics for the area as defined at that time.

<sup>6</sup>Does not include data for Alaska and Hawaii.

<sup>7</sup>Data for 1954 employment and payroll exclude central administrative offices and auxiliary units. This information was not collected for Alaska and Hawaii in 1954.

<sup>8</sup>This SMSA changed definition in 1967. Historical data prior to that year is based on the old definition in this table. (See Volume III, 1963 Census of Manufactures for the prior definition.)

<sup>9</sup>The Greensboro-Winston-Salem-High Point SMSA changed definition in 1967. Historical data is revised to the current definition in this table.



## Chapter 2

# Size of Establishments

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## SIZE OF ESTABLISHMENTS

Each establishment in the census is coded not only by industry and geographic region, but also by its size, based on the average number of employees for the year. In this report, information appears on the number of employees, payrolls, value added, and value of shipments and capital expenditures for ten employment size classes for each 4-digit industry, 2-digit major industry group, and for all manufacturing. Figures at the 4-digit industry level have been published earlier as table 4 of each separate industry report (MC67(2)-19A to MC67(2)-39D) and will appear in Volume II of the 1967 Census of Manufactures.

TABLE 1. Selected Statistics for Manufacturing Establishments, Classified by Establishment Employment Size: 1967, 1963, 1958, 1954, and 1947

Item and year	All establishments, total	Establishments with an average of--									
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
OPERATING ESTABLISHMENTS											
Establishments:											
1967.....number..	305,680	117,514	39,349	41,678	48,942	24,923	19,762	7,749	3,450	1,639	674
1963.....do....	306,617	112,036	48,461	46,778	47,376	22,886	17,614	6,639	2,942	1,375	544
1958.....do....	299,017	105,641	50,660	46,320	46,307	21,764	16,732	6,640	2,957	1,463	533
1954.....do....	286,814	106,960	47,402	41,982	42,798	21,091	15,647	6,092	2,836	1,463	533
1947.....do....	240,807	70,362	46,608	40,632	40,004	18,666	14,319	5,553	2,728	1,431	504
All employees:											
Total:											
1967.....1,000..	18,492.0	196.9	264.6	580.8	1,536.0	1,740.4	3,069.2	2,680.7	2,361.3	2,433.0	3,628.8
1963.....do....	16,234.5	203.6	326.1	645.6	1,480.7	1,590.6	2,726.7	2,297.4	2,014.7	2,052.8	2,898.6
1958.....do....	15,423.1	217.9	339.8	644.1	1,443.5	1,512.8	2,503.3	2,156.0	1,898.8	2,052.4	2,654.5
1954.....do....	15,645.5	258.2	336.8	600.5	1,360.1	1,474.9	2,430.3	2,118.4	1,963.3	2,226.9	2,876.1
1947.....do....	14,294.0	161.0	310.9	561.9	1,243.8	1,300.8	2,228.7	1,929.9	1,869.3	2,146.0	2,541.7
Payroll:											
1967.....million dollars..	123,480.5	1,024.2	1,561.2	3,494.5	9,024.7	10,180.0	18,172.4	16,302.0	15,386.3	17,772.8	30,562.0
1963.....do....	93,288.8	888.3	1,489.8	3,123.9	7,282.9	7,907.6	13,926.2	12,175.9	11,564.2	13,344.3	21,427.8
1958.....do....	73,875.2	738.2	1,297.0	2,614.6	6,058.3	6,416.4	10,963.4	9,733.8	9,201.0	10,877.1	15,975.3
1954.....do....	62,962.7	663.1	1,064.6	2,037.7	4,797.5	5,448.8	9,170.7	8,218.2	8,046.1	9,766.9	13,749.1
1947.....do....	39,695.6	325.3	698.8	1,366.5	3,241.6	3,439.6	5,937.3	5,244.0	5,219.2	6,236.7	7,986.3
Value added by manufacture: <sup>1</sup>											
1967.....do....	261,983.8	2,755.8	3,348.7	7,166.5	18,250.5	20,887.9	38,921.5	36,267.9	34,768.2	39,171.0	60,445.5
1963.....do....	192,103.1	2,109.9	3,045.1	6,155.4	14,241.1	15,832.3	28,826.4	25,662.7	25,390.7	29,237.2	41,819.3
1958.....do....	141,540.6	1,832.0	2,543.9	4,838.0	11,089.1	12,023.7	21,216.4	19,345.1	18,157.2	21,502.9	28,992.3
1954.....do....	116,848.5	1,554.3	2,008.2	3,644.7	8,351.2	9,661.5	17,143.4	15,834.8	15,451.0	18,927.0	24,272.3
1947.....do....	74,290.5	904.1	1,444.4	2,596.4	6,039.2	6,581.1	11,772.4	10,431.9	10,110.4	11,598.3	12,812.3
Capital expenditures, new: <sup>2</sup>											
1967.....do....	21,503.0	<sup>2</sup> 1,168.0	208.1	484.1	1,345.8	1,384.2	2,996.4	2,710.7	3,002.1	3,273.0	4,931.0
1963.....do....	11,370.9	<sup>2</sup> 645.3	209.3	360.6	898.8	884.5	1,603.0	1,347.6	1,327.2	1,673.6	2,459.0
1958.....do....	9,543.5	<sup>2</sup> 790.3	216.5	344.8	643.1	607.5	1,159.1	1,116.6	1,191.8	1,410.5	2,063.4
1954.....do....	8,200.7	<sup>2</sup> 519.4	137.0	213.9	466.7	556.6	1,111.2	967.2	1,084.7	1,547.5	1,596.7
CENTRAL ADMINISTRATIVE OFFICES AND AUXILIARY UNITS											
Establishments:											
1967.....number..	5,460	2,342	(NA)	(NA)	939	716	728	368	203	164	(NA)
1963.....do....	5,304	2,384	(NA)	(NA)	880	669	725	328	182	136	(NA)
1958.....do....	4,370	2,085	(NA)	(NA)	740	505	505	260	150	125	(NA)
All employees:											
Total:											
1967.....1,000..	830.9	17.0	(NA)	(NA)	30.1	51.1	114.6	128.2	139.6	350.1	(NA)
1963.....do....	726.5	17.0	(NA)	(NA)	28.3	47.1	114.1	113.2	123.9	283.0	(NA)
1958.....do....	602.1	13.8	(NA)	(NA)	23.3	35.6	79.6	91.4	102.8	255.6	(NA)
Payroll:											
1967.....million dollars..	8,727.9	176.9	(NA)	(NA)	313.4	519.7	1,153.6	1,309.9	1,454.4	3,799.8	(NA)
1963.....do....	6,615.5	150.2	(NA)	(NA)	244.4	413.5	998.9	985.7	1,112.2	2,710.5	(NA)
1958.....do....	4,473.7	102.5	(NA)	(NA)	167.3	255.9	569.8	629.3	758.6	1,990.3	(NA)

Note: The 1963 data at the "all establishments, total" level and the individual size classes were derived from separate tabulations. Therefore the sum of the size class detail does not equal the "all establishments, total" because of (1) independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations, and (2) independent review and correction of the separate tabulations. The difference between the sum of the size class detail and the "all establishments, total" are always less than one tenth of one percent.

(NA) Not available. Data for this item are included in the underscored figures at the left.

<sup>1</sup>For the years 1954, 1958, 1963 and 1967, value added by manufacture represents adjusted value added. Unadjusted value added is obtained by subtracting the cost of materials, supplies and containers, fuel, purchased electric energy, and contract work from the value of shipments for products manufactured plus receipts for services rendered. Adjusted value added also takes into account (a) value added by merchandising operations (that is, the difference between the sales value and cost of merchandise sold without further manufacture, processing, or assembly), plus (b) the net change in finished goods and work-in-process inventories between the beginning and end of the year.

<sup>2</sup>Includes expenditures for plants under construction and not yet in operation. Data for these establishments are included in the "1 to 4 employees" category. Capital expenditures figures, classified by establishment employment size, are not available for the year 1947.



TABLE 2. Percent of Total Manufacturing Activity, for Selected Statistics, by Establishment Employment Size: 1967, 1963, 1958, 1954, and 1947

Item and year	All establishments, total	Establishments with an average of--									
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
OPERATING ESTABLISHMENTS											
Establishments:											
1967.....	100.0	38.4	12.9	13.6	16.0	8.2	6.5	2.5	1.1	0.5	0.2
1963.....	100.0	36.5	15.8	15.3	15.4	7.5	5.7	2.2	1.0	0.4	0.2
1958.....	100.0	35.4	17.0	15.7	15.5	7.3	5.4	2.1	0.9	0.5	0.2
1954.....	100.0	37.3	16.5	14.6	14.9	7.4	5.5	2.1	1.0	0.5	0.2
1947.....	100.0	29.2	19.4	16.9	16.6	7.8	5.9	2.3	1.1	0.6	0.2
All employees: <sup>1</sup>											
Total:											
1967.....	100.0	1.1	1.4	3.1	8.3	9.4	16.6	14.5	12.8	13.2	19.6
1963.....	100.0	1.3	2.0	4.0	9.1	9.8	16.8	14.1	12.4	12.6	17.9
1958.....	100.0	1.4	2.2	4.2	9.4	9.8	16.2	14.0	12.3	13.3	17.2
1954.....	100.0	1.7	2.2	3.8	8.7	9.4	15.5	13.5	12.5	14.2	18.4
1947.....	100.0	1.1	2.2	3.9	8.7	9.1	15.6	13.5	13.1	15.0	17.8
Payroll: <sup>1</sup>											
1967.....	100.0	0.8	1.3	2.8	7.3	8.2	14.7	13.2	12.5	14.4	24.8
1963.....	100.0	1.0	1.6	3.4	7.8	8.5	15.0	13.1	12.4	14.3	23.0
1958.....	100.0	1.0	1.8	3.5	8.2	8.7	14.8	13.2	12.4	14.7	21.6
1954.....	100.0	1.1	1.7	3.2	7.6	8.7	14.6	13.1	12.8	15.5	21.8
1947.....	100.0	0.8	1.8	3.4	8.2	8.7	15.0	13.2	13.1	15.7	20.1
Value added by manufacture: <sup>1</sup>											
1967.....	100.0	1.1	1.3	2.7	7.0	8.0	14.9	13.8	13.3	15.0	23.1
1963.....	100.0	1.1	1.6	3.2	7.4	8.2	15.0	13.3	13.2	15.2	21.7
1958.....	100.0	1.3	1.8	3.4	7.8	8.5	15.0	13.7	12.8	15.2	20.5
1954.....	100.0	1.3	1.7	3.1	7.1	8.3	14.7	13.6	13.2	16.2	20.8
1947.....	100.0	1.2	1.9	3.5	8.1	8.9	15.8	14.0	13.6	15.6	17.2
Capital expenditures , new: <sup>2</sup>											
1967.....	100.0	<sup>2</sup> 5.4	1.0	2.3	6.3	6.4	13.9	12.6	14.0	15.2	22.9
1963.....	100.0	<sup>2</sup> 5.7	1.8	3.2	7.9	7.8	14.1	11.8	11.6	14.7	21.6
1958.....	100.0	<sup>2</sup> 8.3	2.3	3.6	6.7	6.3	12.2	11.7	12.5	14.8	21.6
1954.....	100.0	<sup>2</sup> 6.3	1.7	2.6	5.7	6.8	13.5	11.8	13.2	18.9	19.4
CENTRAL ADMINISTRATIVE OFFICES AND AUXILIARY UNITS											
Establishments:											
1967.....	100.0	42.9	(NA)	(NA)	17.2	13.1	6.7	3.7	3.0	3.0	(NA)
1963.....	100.0	44.9	(NA)	(NA)	16.6	12.6	13.7	6.2	3.4	2.6	(NA)
1958.....	100.0	47.7	(NA)	(NA)	16.9	11.6	11.6	5.9	3.4	2.9	(NA)
All employees:											
Total:											
1967.....	100.0	2.0	(NA)	(NA)	3.6	6.1	13.7	15.3	16.7	42.5	(NA)
1963.....	100.0	2.3	(NA)	(NA)	3.9	6.5	15.7	15.6	17.0	39.0	(NA)
1958.....	100.0	2.3	(NA)	(NA)	3.9	5.9	13.2	15.2	17.1	42.4	(NA)
Payroll:											
1967.....	100.0	2.0	(NA)	(NA)	3.6	6.0	13.2	15.0	16.7	43.5	(NA)
1963.....	100.0	2.3	(NA)	(NA)	3.7	6.2	15.1	14.9	16.8	41.0	(NA)
1958.....	100.0	2.3	(NA)	(NA)	3.7	5.7	12.7	14.1	17.0	44.5	(NA)

Note: Percentage detail may not add to 100.0 due to independent rounding.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. Data for this item are included in the underscored figures at the left.

<sup>1</sup>For 1947, unadjusted value added is obtained by subtracting the cost of materials, supplies and containers, fuel, purchased electric energy, and contract work from the value of shipments for products manufactured plus receipts for services rendered. Adjusted value added also takes into account (a) value added by merchandising operations (that is, the difference between the sales value and cost of merchandise sold without further manufacture, processing, or assembly), plus (b) the net change in finished goods and work-in-process inventories between the beginning and end of the year.

<sup>2</sup>Includes expenditures for plants under construction and not yet in operation. Data for these establishments are included in the "1 to 4 employees" category. Capital expenditures figures, classified by establishment employment size, are not available for the year 1947.

TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					
ALL INDUSTRIES: TOTAL											
ESTABLISHMENTS: TOTAL . . . . .	305 680	18 492.0	123 480.5	13 955.3	27 837.6	81 393.6	261 983.8	298 513.7	557 397.8	21 503.0	84 405.5
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	117 514	196.9	1 024.2	190.1	311.1	741.6	2 755.8	2 845.1	5 594.7	1 168.0	569.8
5 TO 9 EMPLOYEES . . . . .	39 349	264.6	1 561.2	221.8	423.4	1 089.7	3 348.7	3 601.2	6 935.9	208.1	625.0
10 TO 19 EMPLOYEES . . . . .	41 678	580.8	3 494.5	446.2	877.3	2 357.1	7 166.5	7 813.7	14 930.3	483.4	1 296.8
20 TO 49 EMPLOYEES . . . . .	48 942	1 536.0	9 024.7	1 188.6	2 343.2	6 053.0	18 250.5	21 920.2	40 027.7	1 345.8	3 961.9
50 TO 99 EMPLOYEES . . . . .	24 923	1 740.4	10 180.0	1 361.0	2 704.6	6 871.9	20 887.9	26 777.7	47 453.3	1 384.2	5 573.4
100 TO 249 EMPLOYEES . . . . .	19 762	3 069.2	18 172.4	2 372.4	4 764.6	12 183.6	38 921.5	48 929.9	87 366.9	2 996.4	12 584.2
250 TO 499 EMPLOYEES . . . . .	7 749	2 680.7	16 302.0	2 087.6	4 194.2	11 130.9	36 267.9	43 205.1	78 923.9	2 710.7	11 830.1
500 TO 999 EMPLOYEES . . . . .	3 450	2 361.3	15 386.3	1 805.3	3 643.6	10 476.5	34 768.2	37 529.2	71 846.1	3 002.1	11 890.3
1,000 TO 2,499 EMPLOYEES . . . . .	1 639	2 433.0	17 772.8	1 782.9	3 574.9	11 788.2	39 171.0	38 537.1	77 239.4	3 273.0	12 555.6
2,500 EMPLOYEES OR MORE . . . . .	674	3 628.8	30 562.0	2 499.2	5 000.2	18 701.1	60 445.5	67 354.2	127 079.2	4 931.0	23 518.1
ESTABS. COVERED BY ADMIN. RECORDS <sup>1e</sup>	118 622	271.1	1 313.0	262.7	427.5	957.0	3 086.0	2 750.6	5 836.1	145.1	641.5
20-- FOOD AND KINDRED PRODUCTS											
ESTABLISHMENTS: TOTAL . . . . .	32 518	1 649.6	10 076.8	1 121.7	2 259.4	6 062.6	26 620.9	57 540.6	83 975.2	1 730.1	7 748.8
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	10 572	17.9	89.2	16.9	25.2	58.4	264.7	538.8	806.3	71.2	55.7
5 TO 9 EMPLOYEES . . . . .	3 815	25.9	133.6	18.9	37.3	85.4	348.6	806.2	1 152.7	24.1	75.4
10 TO 19 EMPLOYEES . . . . .	4 617	64.7	334.5	42.8	86.4	197.0	818.9	1 915.1	2 727.8	51.7	180.9
20 TO 49 EMPLOYEES . . . . .	6 149	193.4	1 050.5	123.6	250.0	583.3	2 736.5	6 935.3	9 658.1	176.1	693.6
50 TO 99 EMPLOYEES . . . . .	3 260	228.7	1 314.8	148.9	302.4	736.6	3 455.8	9 239.6	12 673.0	236.3	1 029.1
100 TO 249 EMPLOYEES . . . . .	2 824	434.9	2 613.3	279.4	571.0	1 447.0	6 817.1	14 743.5	21 510.8	444.1	2 130.1
250 TO 499 EMPLOYEES . . . . .	876	298.4	1 886.2	208.6	424.2	1 150.6	5 004.8	10 860.2	15 825.5	292.2	1 587.5
500 TO 999 EMPLOYEES . . . . .	296	198.5	1 265.6	144.3	290.4	836.8	3 445.3	6 028.1	9 437.4	231.7	1 091.4
1,000 TO 2,499 EMPLOYEES . . . . .	96	125.2	915.4	91.9	181.7	617.2	2 583.0	4 268.5	6 845.3	165.4	650.9
2,500 EMPLOYEES OR MORE . . . . .	19	62.0	473.8	46.4	90.8	350.1	1 146.1	2 205.1	3 338.1	37.1	254.1
ESTABS. COVERED BY ADMIN. RECORDS <sup>1e</sup>	9 706	20.4	96.3	18.8	28.0	62.7	291.9	505.0	796.8	11.5	58.1
21-- TOBACCO MANUFACTURES											
ESTABLISHMENTS: TOTAL . . . . .	329	75.1	376.9	66.1	125.5	303.6	2 032.0	2 871.7	4 903.6	53.0	2 377.9
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	81	.1	.5	.1	.2	.3	2.0	11.8	14.5	2.0	11.4
5 TO 9 EMPLOYEES . . . . .	23	.2	.6	.1	.2	.4	1.3	2.3	3.7	(2)	.4
10 TO 19 EMPLOYEES . . . . .	30	.4	1.8	.3	.8	1.3	6.0	14.2	19.6	1.2	6.6
20 TO 49 EMPLOYEES . . . . .	48	1.6	7.2	1.3	2.8	4.9	20.9	42.0	62.6	.4	28.5
50 TO 99 EMPLOYEES . . . . .	33	2.3	9.7	1.9	3.9	7.0	19.0	46.1	66.3	1.3	25.8
100 TO 249 EMPLOYEES . . . . .	51	8.9	38.9	7.5	14.4	27.6	87.8	601.8	690.2	5.8	700.3
250 TO 499 EMPLOYEES . . . . .	30	10.1	40.8	8.6	16.1	29.6	102.2	481.2	582.9	5.3	147.8
500 TO 999 EMPLOYEES . . . . .	18	12.1	45.4	11.0	20.3	37.0	131.5	246.3	377.4	4.8	33.5
1,000 TO 2,499 EMPLOYEES . . . . .	11	18.9	105.3	16.7	31.0	88.6	751.0	652.8	1 403.9	14.5	159.3
2,500 EMPLOYEES OR MORE . . . . .	4	20.6	126.7	18.4	35.8	106.7	910.2	773.1	1 682.6	17.6	1 264.4
ESTABS. COVERED BY ADMIN. RECORDS <sup>1e</sup>	84	.2	.7	.2	.4	.5	1.3	1.3	2.5	(2)	.5
22-- TEXTILE MILL PRODUCTS											
ESTABLISHMENTS: TOTAL . . . . .	7 080	929.0	4 390.9	828.2	1 689.7	3 556.6	8 153.2	11 741.4	19 815.2	733.1	3 093.2
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	1 194	2.3	11.6	2.2	3.9	8.8	27.8	42.0	69.8	11.4	7.8
5 TO 9 EMPLOYEES . . . . .	591	4.0	21.7	3.6	6.7	16.0	51.6	85.0	136.7	3.1	14.4
10 TO 19 EMPLOYEES . . . . .	842	12.0	63.0	10.3	19.9	45.8	124.8	195.3	319.4	7.2	29.9
20 TO 49 EMPLOYEES . . . . .	1 385	45.4	224.4	39.6	77.6	171.2	434.9	553.1	988.6	31.6	99.6
50 TO 99 EMPLOYEES . . . . .	960	68.7	326.0	60.7	120.4	255.5	602.3	823.6	1 425.8	47.1	165.8
100 TO 249 EMPLOYEES . . . . .	1 072	172.1	804.5	153.3	309.3	642.0	1 512.3	2 204.0	3 710.4	135.9	516.3
250 TO 499 EMPLOYEES . . . . .	604	210.7	976.7	188.7	386.7	799.8	1 840.8	2 779.1	4 601.4	169.9	689.1
500 TO 999 EMPLOYEES . . . . .	317	213.4	1 032.5	189.0	394.9	834.8	1 931.4	2 825.0	4 728.6	197.2	791.6
1,000 TO 2,499 EMPLOYEES . . . . .	103	144.7	679.3	129.6	267.9	567.2	1 201.2	1 642.0	2 823.3	105.6	570.6
2,500 EMPLOYEES OR MORE . . . . .	12	55.4	251.2	51.2	102.3	215.4	425.8	592.2	1 011.0	24.0	207.9
ESTABS. COVERED BY ADMIN. RECORDS <sup>1e</sup>	1 211	3.6	16.2	3.6	6.1	12.7	34.5	50.7	85.2	2.0	10.0
23-- APPAREL, OTHER TEXTILE PRODUCTS											
ESTABLISHMENTS: TOTAL . . . . .	26 393	1 356.7	5 582.2	1 200.4	2 178.6	4 340.6	10 064.4	11 322.1	21 326.9	208.3	2 753.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	7 000	12.7	60.0	12.2	20.5	45.6	172.8	266.1	439.6	3.0	41.1
5 TO 9 EMPLOYEES . . . . .	3 016	20.4	107.4	17.9	31.3	75.6	248.2	428.1	674.7	2.3	71.7
10 TO 19 EMPLOYEES . . . . .	3 672	51.8	272.0	43.0	78.4	185.6	590.8	979.4	1 571.4	7.8	137.5
20 TO 49 EMPLOYEES . . . . .	6 022	194.3	861.1	169.0	300.2	650.8	1 574.5	1 919.6	3 490.7	23.1	315.2
50 TO 99 EMPLOYEES . . . . .	3 335	230.4	948.0	204.9	366.0	738.9	1 632.6	1 684.6	3 297.7	30.5	351.5
100 TO 249 EMPLOYEES . . . . .	2 268	349.5	1 335.1	312.4	557.0	1 060.8	2 316.6	2 349.0	4 652.8	48.0	597.2
250 TO 499 EMPLOYEES . . . . .	821	277.3	1 031.6	249.1	460.2	839.8	1 787.4	1 749.7	3 509.7	43.1	541.1
500 TO 999 EMPLOYEES . . . . .	211	138.9	559.8	120.9	222.9	426.6	1 019.4	1 139.3	2 179.1	26.0	368.1
1,000 TO 2,499 EMPLOYEES . . . . .	43	63.7	297.5	55.8	103.8	234.5	548.9	580.0	1 113.8	15.5	271.8
2,500 EMPLOYEES OR MORE . . . . .	5	18.0	109.4	14.8	28.4	82.4	173.2	226.0	397.5	9.1	57.7
ESTABS. COVERED BY ADMIN. RECORDS <sup>1e</sup>	7 155	18.8	78.6	18.7	30.2	61.6	166.3	168.4	334.5	.8	36.5

See footnotes at end of table.



TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establish- ments	All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new	End-of- year invent- ories
		Number	Payroll	Number	Man-hours	Wages					
(number)	(1,000)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
24-- LUMBER AND WOOD PRODUCTS											
ESTABLISHMENTS, TOTAL. . . . .	36 795	554.0	2 798.9	495.7	977.0	2 290.6	4 973.4	6 231.6	11 205.7	426.0	1 465.7
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>6</sup> . . . . .	22 863	35.6	130.8	35.4	64.2	115.0	314.1	339.6	654.1	33.3	68.7
5 TO 9 EMPLOYEES <sup>6</sup> . . . . .	4 582	30.4	126.7	29.2	52.7	107.5	266.4	286.1	551.9	22.2	54.3
10 TO 19 EMPLOYEES . . . . .	3 547	48.5	218.3	43.9	81.6	180.8	416.0	451.5	865.5	33.4	77.9
20 TO 49 EMPLOYEES . . . . .	3 285	101.8	481.6	89.9	172.4	389.6	880.3	1 094.4	1 969.0	66.7	214.1
50 TO 99 EMPLOYEES . . . . .	1 426	98.1	489.4	86.4	173.6	393.5	859.3	1 198.4	2 055.5	75.9	276.2
100 TO 249 EMPLOYEES . . . . .	847	127.5	683.3	112.7	231.4	554.3	1 148.9	1 559.9	2 710.4	99.9	410.6
250 TO 499 EMPLOYEES . . . . .	185	63.8	358.5	56.4	115.3	297.2	601.0	731.7	1 341.1	43.3	190.7
500 TO 999 EMPLOYEES . . . . .	48	31.9	192.3	28.0	58.1	157.7	322.6	376.3	695.1	29.1	105.4
1,000 TO 2,499 EMPLOYEES . . . . .	11	16.4	118.1	13.7	27.8	94.9	164.8	193.6	363.0	22.1	67.9
2,500 EMPLOYEES OR MORE. . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTA85, COVERED BY ADMIN. RECORDS <sup>16</sup>	23 785	51.8	182.5	51.8	92.0	158.6	413.3	429.2	842.5	32.8	98.6
25-- FURNITURE AND FIXTURES											
ESTABLISHMENTS, TOTAL. . . . .	10 008	425.3	2 258.3	357.5	715.7	1 653.7	4 169.5	3 619.6	7 749.8	198.0	1 129.8
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>6</sup> . . . . .	3 777	6.5	32.7	6.4	11.1	24.7	76.8	71.5	148.3	13.9	17.9
5 TO 9 EMPLOYEES <sup>6</sup> . . . . .	1 457	9.7	53.1	8.9	16.3	39.3	95.9	90.1	185.9	2.9	20.6
10 TO 19 EMPLOYEES . . . . .	1 325	18.6	104.3	15.4	30.1	76.0	182.8	163.5	345.5	5.2	34.3
20 TO 49 EMPLOYEES . . . . .	1 646	51.6	279.3	43.1	84.1	204.5	486.9	443.7	929.5	14.0	99.8
50 TO 99 EMPLOYEES . . . . .	843	59.1	311.8	49.5	98.7	223.2	552.3	516.6	1 065.6	22.9	133.2
100 TO 249 EMPLOYEES . . . . .	607	94.4	490.0	79.6	160.2	361.1	887.1	798.6	1 679.6	35.9	254.2
250 TO 499 EMPLOYEES . . . . .	241	84.2	431.6	71.0	144.1	317.1	817.4	731.9	1 541.2	38.5	251.3
500 TO 999 EMPLOYEES . . . . .	87	59.7	314.8	50.0	103.2	233.0	641.5	489.3	1 115.1	35.5	188.3
1,000 TO 2,499 EMPLOYEES . . . . .	23	41.4	240.6	33.5	67.9	174.9	428.6	314.2	739.3	29.3	130.3
2,500 EMPLOYEES OR MORE. . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTA85, COVERED BY ADMIN. RECORDS <sup>16</sup>	4 214	11.0	52.8	10.9	18.6	39.6	111.0	105.9	216.9	2.4	27.6
26-- PAPER AND ALLIED PRODUCTS											
ESTABLISHMENTS, TOTAL. . . . .	5 890	638.9	4 436.2	507.7	1 071.2	3 205.5	9 756.3	11 292.2	20 969.9	1 585.3	2 262.8
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>6</sup> . . . . .	931	1.6	9.3	1.6	2.7	6.6	23.5	40.3	63.1	187.9	6.5
5 TO 9 EMPLOYEES <sup>6</sup> . . . . .	460	3.1	18.6	2.8	5.0	12.5	39.1	53.0	91.9	6.2	8.2
10 TO 19 EMPLOYEES . . . . .	686	9.9	57.2	7.8	15.8	38.2	124.5	159.1	282.4	9.0	24.1
20 TO 49 EMPLOYEES . . . . .	1 223	39.5	227.9	32.1	64.8	158.3	445.8	591.7	1 036.6	89.1	94.6
50 TO 99 EMPLOYEES . . . . .	908	65.2	392.3	52.6	108.8	275.6	773.2	1 009.7	1 777.9	60.9	193.1
100 TO 249 EMPLOYEES . . . . .	1 090	173.5	1 139.7	137.0	288.8	805.8	2 256.2	3 062.7	5 311.5	356.6	572.9
250 TO 499 EMPLOYEES . . . . .	376	128.7	923.1	102.1	217.3	670.7	2 048.5	2 323.6	4 349.3	264.5	494.8
500 TO 999 EMPLOYEES . . . . .	138	96.7	735.1	77.3	166.5	554.4	1 853.5	1 982.8	3 820.1	258.0	453.0
1,000 TO 2,499 EMPLOYEES . . . . .	72	103.7	803.3	81.5	173.8	593.0	1 812.4	1 840.4	3 628.9	323.1	361.5
2,500 EMPLOYEES OR MORE. . . . .	6	17.2	129.4	13.2	27.5	90.2	379.3	229.0	608.4	29.8	54.0
ESTA85, COVERED BY ADMIN. RECORDS <sup>16</sup>	931	2.7	14.6	2.7	4.4	10.4	32.1	35.1	67.1	1.0	8.0
27-- PRINTING AND PUBLISHING											
ESTABLISHMENTS, TOTAL. . . . .	37 989	1 031.0	7 151.5	631.6	1 196.1	4 011.3	14 355.1	7 518.5	21 738.4	788.1	1 859.8
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>6</sup> . . . . .	19 161	31.2	170.6	29.0	42.6	108.5	448.9	274.2	722.3	49.4	46.3
5 TO 9 EMPLOYEES <sup>6</sup> . . . . .	5 773	38.5	230.3	29.4	53.4	148.4	444.8	255.6	699.8	22.0	39.1
10 TO 19 EMPLOYEES . . . . .	5 020	68.7	442.1	47.2	92.4	278.9	803.6	413.7	1 214.9	38.0	61.3
20 TO 49 EMPLOYEES . . . . .	4 473	136.9	895.1	92.0	176.8	552.7	1 557.2	817.5	2 367.5	81.4	141.9
50 TO 99 EMPLOYEES . . . . .	1 777	121.4	818.0	80.7	155.7	505.1	1 480.4	763.3	2 230.3	85.8	184.8
100 TO 249 EMPLOYEES . . . . .	1 145	174.3	1 195.9	109.1	212.1	693.5	2 467.5	1 263.2	3 698.6	135.1	338.7
250 TO 499 EMPLOYEES . . . . .	381	133.2	924.8	78.4	150.4	515.4	1 920.6	996.6	2 905.6	97.2	284.5
500 TO 999 EMPLOYEES . . . . .	140	99.4	730.5	54.2	103.2	376.7	1 562.9	762.5	2 306.6	102.8	216.8
1,000 TO 2,499 EMPLOYEES . . . . .	99	145.9	1 087.0	73.6	139.1	532.5	2 372.0	1 206.7	3 557.0	127.1	348.7
2,500 EMPLOYEES OR MORE. . . . .	20	81.5	657.2	38.2	70.5	299.9	1 297.5	764.9	2 035.7	49.2	197.7
ESTA85, COVERED BY ADMIN. RECORDS <sup>16</sup>	20 640	47.2	240.0	42.5	65.2	156.5	560.7	337.3	898.0	24.1	59.1
28-- CHEMICALS AND ALLIED PRODUCTS											
ESTABLISHMENTS, TOTAL. . . . .	11 799	841.4	6 443.0	541.4	1 086.1	3 555.2	23 550.1	18 821.2	42 148.3	2 936.1	5 348.7
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES . . . . .	4 132	7.1	42.5	6.4	9.3	21.7	176.4	196.2	367.5	371.6	46.8
5 TO 9 EMPLOYEES . . . . .	1 595	10.8	74.0	6.8	13.1	34.2	248.3	302.3	546.3	23.9	60.7
10 TO 19 EMPLOYEES . . . . .	1 724	24.0	162.2	14.6	29.4	77.6	549.0	644.6	1 189.8	59.0	131.4
20 TO 49 EMPLOYEES . . . . .	1 941	61.2	419.1	37.3	75.1	203.0	1 404.6	1 746.2	3 129.3	154.1	302.9
50 TO 99 EMPLOYEES . . . . .	994	68.7	473.2	43.2	88.3	247.4	1 566.1	1 964.9	3 504.9	159.5	488.5
100 TO 249 EMPLOYEES . . . . .	776	119.7	864.9	76.4	157.9	477.5	3 162.6	3 266.1	6 375.4	383.9	897.1
250 TO 499 EMPLOYEES . . . . .	320	113.9	889.1	73.8	152.4	505.5	4 096.8	3 198.1	7 233.1	454.4	951.5
500 TO 999 EMPLOYEES . . . . .	176	121.8	958.0	79.0	159.1	542.8	3 827.5	2 871.4	6 653.7	473.2	821.5
1,000 TO 2,499 EMPLOYEES . . . . .	98	152.3	1 211.1	100.8	201.4	712.9	4 576.8	2 695.1	7 262.0	489.6	894.9
2,500 EMPLOYEES OR MORE. . . . .	43	161.8	1 348.6	103.0	200.1	732.5	3 442.0	1 936.1	5 886.0	366.8	663.1
ESTA85, COVERED BY ADMIN. RECORDS <sup>16</sup>	3 340	6.3	34.0	6.0	8.1	17.1	109.0	104.8	213.8	4.5	29.5

See footnotes at end of table.

TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)											
Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					
29-- PETROLEUM AND COAL PRODUCTS											
ESTABLISHMENTS, TOTAL . . . . .	1 880	141.6	1 216.1	99.4	202.1	786.4	5 425.8	16 748.4	22 043.4	999.3	2 029.6
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES . . . . .	533	1.1	8.1	.9	1.7	5.7	56.4	110.9	167.9	62.2	6.6
5 TO 9 EMPLOYEES . . . . .	369	2.4	19.0	1.8	3.6	12.0	60.6	118.3	180.2	6.3	8.5
10 TO 19 EMPLOYEES . . . . .	274	3.8	27.6	2.6	5.4	16.7	90.6	179.4	268.0	9.1	15.8
20 TO 49 EMPLOYEES . . . . .	275	8.6	61.7	5.6	11.7	34.3	178.1	339.1	515.1	16.9	41.2
50 TO 99 EMPLOYEES . . . . .	167	11.5	85.1	7.8	16.4	52.7	255.7	631.6	885.3	49.7	85.5
100 TO 249 EMPLOYEES . . . . .	145	23.1	179.1	17.0	36.1	125.7	739.1	2 409.2	3 125.2	80.8	279.9
250 TO 499 EMPLOYEES . . . . .	59	20.6	183.0	14.2	29.5	119.4	907.1	3 282.7	4 153.0	177.4	360.6
500 TO 999 EMPLOYEES . . . . .	36	24.9	227.0	17.3	35.3	145.6	1 219.3	3 829.3	5 033.3	214.8	476.7
1,000 TO 2,499 EMPLOYEES . . . . .	15	22.4	206.6	16.3	32.3	139.4	1 092.0	3 043.5	4 123.1	298.2	378.2
2,500 EMPLOYEES OR MORE . . . . .	7	23.2	218.9	15.8	30.1	134.8	826.9	2 804.3	3 592.3	83.9	376.6
ESTABS. COVERED BY ADMIN. RECORDS <sup>1e</sup>	312	.7	4.8	.7	1.1	3.1	11.7	18.8	30.5	1.0	2.1
30-- RUBBER AND PLASTICS PRODUCTS, NEC											
ESTABLISHMENTS, TOTAL . . . . .	6 456	516.7	3 286.5	410.1	815.5	2 312.5	6 799.5	5 974.4	12 758.6	677.2	1 670.0
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES . . . . .	1 752	3.0	15.7	2.9	4.7	11.3	38.1	32.6	70.5	16.6	7.5
5 TO 9 EMPLOYEES . . . . .	748	5.0	28.4	4.5	7.9	19.5	60.7	57.6	117.8	5.6	11.0
10 TO 19 EMPLOYEES . . . . .	834	11.9	66.2	9.5	18.2	44.2	134.9	131.1	264.5	21.4	25.2
20 TO 49 EMPLOYEES . . . . .	1 296	41.7	225.6	34.1	72.6	154.6	464.1	466.4	927.5	48.3	85.9
50 TO 99 EMPLOYEES . . . . .	793	56.1	313.8	45.9	91.8	216.2	660.8	595.7	1 250.7	60.8	126.4
100 TO 249 EMPLOYEES . . . . .	643	100.9	574.5	82.1	167.8	401.7	1 159.3	1 014.7	2 161.2	152.9	264.7
250 TO 499 EMPLOYEES . . . . .	208	73.4	435.0	58.6	118.7	306.4	882.8	708.3	1 578.5	91.8	197.5
500 TO 999 EMPLOYEES . . . . .	104	69.7	441.5	54.3	110.3	310.0	931.2	737.5	1 662.0	86.9	236.6
1,000 TO 2,499 EMPLOYEES . . . . .	64	155.1	1 185.9	118.2	223.4	848.9	2 467.5	2 230.7	4 725.8	192.9	715.1
2,500 EMPLOYEES OR MORE . . . . .	14	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1e</sup>	1 840	4.8	24.6	4.7	7.5	17.8	55.6	45.9	101.5	4.1	10.9
31-- LEATHER AND LEATHER PRODUCTS											
ESTABLISHMENTS, TOTAL . . . . .	3 685	328.7	1 458.8	293.3	549.2	1 147.0	2 626.5	2 540.9	5 169.0	62.1	653.7
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES . . . . .	919	1.6	7.2	1.6	2.6	5.3	23.5	47.1	70.4	.6	6.2
5 TO 9 EMPLOYEES . . . . .	364	2.5	11.4	2.3	4.1	8.3	24.1	37.7	62.4	.2	8.0
10 TO 19 EMPLOYEES . . . . .	435	6.2	30.4	5.4	10.1	21.8	57.0	70.2	128.6	3.0	13.1
20 TO 49 EMPLOYEES . . . . .	605	19.3	86.0	16.7	31.3	64.9	151.7	186.5	338.3	3.6	31.8
50 TO 99 EMPLOYEES . . . . .	429	30.7	137.1	27.2	51.4	105.6	229.2	266.5	495.5	6.7	55.6
100 TO 249 EMPLOYEES . . . . .	493	79.5	338.8	70.7	131.7	264.9	585.5	579.5	1 163.5	12.9	156.9
250 TO 499 EMPLOYEES . . . . .	348	121.8	526.7	110.9	207.8	433.6	983.0	861.8	1 845.5	18.6	219.5
500 TO 999 EMPLOYEES . . . . .	82	52.1	238.4	45.9	86.4	183.1	435.6	390.6	823.3	13.9	116.7
1,000 TO 2,499 EMPLOYEES . . . . .	9	15.3	82.9	12.7	24.0	59.5	136.8	100.9	241.2	2.7	46.0
2,500 EMPLOYEES OR MORE . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1e</sup>	1 116	3.7	14.8	3.6	6.1	11.7	31.3	29.7	60.9	.2	6.9
32-- STONE, CLAY, AND GLASS PRODUCTS											
ESTABLISHMENTS, TOTAL . . . . .	15 580	589.9	3 825.5	469.3	948.4	2 784.1	8 333.4	6 146.0	14 449.4	820.9	1 851.2
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES . . . . .	5 624	10.1	54.3	9.7	15.5	39.5	160.7	175.4	336.6	54.3	24.7
5 TO 9 EMPLOYEES . . . . .	2 328	15.7	94.8	12.6	24.3	64.5	218.8	229.3	447.8	23.2	30.7
10 TO 19 EMPLOYEES . . . . .	2 717	37.9	231.9	27.0	55.1	147.2	512.5	552.2	1 065.0	78.3	73.9
20 TO 49 EMPLOYEES . . . . .	2 659	81.2	504.1	59.4	123.0	328.7	1 052.5	1 062.1	2 112.4	112.5	177.2
50 TO 99 EMPLOYEES . . . . .	1 057	73.4	459.3	57.5	119.1	324.4	962.0	746.1	1 697.0	80.7	207.2
100 TO 249 EMPLOYEES . . . . .	774	118.2	758.3	94.9	195.2	555.6	1 786.8	1 259.6	3 036.6	179.3	430.5
250 TO 499 EMPLOYEES . . . . .	252	86.5	560.1	71.3	143.1	425.5	1 210.5	776.1	1 983.9	100.1	327.7
500 TO 999 EMPLOYEES . . . . .	109	74.3	498.8	62.7	126.9	397.6	1 086.7	645.2	1 732.7	81.0	255.6
1,000 TO 2,499 EMPLOYEES . . . . .	55	77.4	550.1	63.1	125.3	424.2	1 112.5	588.3	1 697.4	91.0	263.6
2,500 EMPLOYEES OR MORE . . . . .	5	15.1	113.8	11.0	20.7	76.8	230.8	111.4	339.7	20.4	59.8
ESTABS. COVERED BY ADMIN. RECORDS <sup>1e</sup>	5 441	12.5	63.4	12.3	19.3	46.3	158.9	150.8	310.0	16.9	28.5
33-- PRIMARY METAL INDUSTRIES											
ESTABLISHMENTS, TOTAL . . . . .	6 837	1 281.0	9 850.9	1 041.5	2 088.7	7 457.3	19 978.2	27 219.9	46 730.9	3 134.1	8 001.4
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES . . . . .	1 233	2.2	13.7	2.1	3.6	10.4	38.9	69.3	105.0	154.0	16.7
5 TO 9 EMPLOYEES . . . . .	647	4.4	29.9	3.8	7.3	21.6	66.9	69.5	135.4	4.1	9.4
10 TO 19 EMPLOYEES . . . . .	875	12.4	80.9	10.2	20.4	58.4	166.5	199.6	365.3	14.0	28.6
20 TO 49 EMPLOYEES . . . . .	1 372	44.1	289.1	36.9	75.1	211.2	620.3	891.6	1 506.6	158.0	147.5
50 TO 99 EMPLOYEES . . . . .	894	63.1	420.0	52.8	107.9	313.4	886.0	1 298.2	2 192.3	74.3	252.9
100 TO 249 EMPLOYEES . . . . .	908	144.7	999.2	119.1	245.7	741.6	2 011.2	3 118.6	5 077.1	189.9	753.0
250 TO 499 EMPLOYEES . . . . .	441	153.1	1 119.4	124.2	256.1	841.0	2 227.3	3 592.9	5 774.3	231.2	950.9
500 TO 999 EMPLOYEES . . . . .	247	172.7	1 293.1	137.8	277.8	969.2	2 682.0	4 064.7	6 687.1	384.2	1 114.1
1,000 TO 2,499 EMPLOYEES . . . . .	137	199.8	1 572.7	159.6	320.8	1 189.5	3 150.7	4 265.7	7 372.0	335.5	1 221.3
2,500 EMPLOYEES OR MORE . . . . .	83	484.5	4 032.8	394.8	773.8	3 101.2	8 128.4	9 649.8	17 516.0	1 590.6	3 507.1
ESTABS. COVERED BY ADMIN. RECORDS <sup>1e</sup>	1 233	3.1	18.6	3.0	5.3	14.2	43.3	40.4	83.6	3.7	10.1

See footnotes at end of table.



TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)											
Item	Establish- ments (number)	All employees		Production workers			Value added by manufac- ture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expendi- tures, new (million dollars)	End-of- year invento- ries (million dollars)
		Number	Payroll	Number	Man-hours	Wages					
		(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					
34-- FABRICATED METAL PRODUCTS											
ESTABLISHMENTS, TOTAL. . . . .	27 418	1 341.8	9 319.5	1 056.9	2 160.9	6 541.6	18 042.6	16 704.9	34 577.8	1 118.4	5 654.4
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>1</sup> . . . . .	8 669	15.3	85.9	15.0	24.4	62.7	214.7	151.6	366.1	31.5	43.1
5 TO 9 EMPLOYEES <sup>1</sup> . . . . .	3 587	24.3	157.8	21.2	50.5	113.1	306.3	228.5	535.1	13.5	53.3
10 TO 19 EMPLOYEES <sup>1</sup> . . . . .	4 421	62.1	404.3	49.1	97.6	279.5	767.0	602.9	1 363.9	42.7	137.2
20 TO 49 EMPLOYEES <sup>1</sup> . . . . .	5 409	168.8	1 101.3	135.6	273.5	791.4	2 045.9	1 822.4	3 855.6	119.4	450.7
50 TO 99 EMPLOYEES <sup>1</sup> . . . . .	2 502	174.0	1 151.4	138.3	284.2	762.1	2 189.6	2 074.6	4 244.9	128.6	602.6
100 TO 249 EMPLOYEES <sup>1</sup> . . . . .	1 826	281.2	1 877.2	219.3	453.6	1 282.4	3 678.8	3 730.0	7 360.0	233.8	1 268.7
250 TO 499 EMPLOYEES <sup>1</sup> . . . . .	626	214.9	1 472.0	163.7	336.3	1 005.2	2 829.8	2 828.4	5 631.8	170.6	1 025.1
500 TO 999 EMPLOYEES <sup>1</sup> . . . . .	269	184.9	1 313.4	143.3	292.0	932.6	2 565.9	2 440.9	4 994.7	178.4	1 025.1
1 000 TO 2 499 EMPLOYEES <sup>1</sup> . . . . .	82	115.1	867.4	89.7	185.7	628.0	1 655.3	1 406.0	3 030.2	100.4	687.3
2 500 EMPLOYEES OR MORE <sup>1</sup> . . . . .	27	101.0	888.7	81.5	163.3	684.6	1 789.2	1 420.0	3 195.7	99.3	358.2
ESTABS. COVERED BY ADMIN. RECORDS <sup>10</sup>	8 914	21.3	115.6	21.2	34.2	84.3	258.0	183.4	441.4	7.0	53.7
35-- MACHINERY, EXCEPT ELECTRICAL											
ESTABLISHMENTS, TOTAL. . . . .	37 892	1 864.5	14 226.3	1 349.0	2 785.0	9 236.1	27 836.4	21 231.6	48 477.2	1 868.1	10 917.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>1</sup> . . . . .	15 573	26.4	172.0	25.9	44.0	132.8	415.1	221.6	635.5	40.3	77.1
5 TO 9 EMPLOYEES <sup>1</sup> . . . . .	5 577	37.7	279.0	32.3	64.2	213.4	518.0	250.6	765.2	32.4	71.8
10 TO 19 EMPLOYEES <sup>1</sup> . . . . .	6 115	84.8	626.5	67.8	140.1	460.6	1 112.8	560.9	1 659.3	69.1	159.7
20 TO 49 EMPLOYEES <sup>1</sup> . . . . .	5 540	169.4	1 283.2	133.1	281.2	901.7	2 246.7	1 330.7	3 544.1	142.6	446.9
50 TO 99 EMPLOYEES <sup>1</sup> . . . . .	2 227	154.4	1 161.3	117.1	248.7	782.5	2 122.2	1 464.1	3 542.5	125.0	624.3
100 TO 249 EMPLOYEES <sup>1</sup> . . . . .	1 523	236.5	1 716.9	169.8	358.8	1 080.6	3 331.1	2 547.8	5 807.7	198.6	1 276.9
250 TO 499 EMPLOYEES <sup>1</sup> . . . . .	661	231.8	1 720.3	159.1	335.5	1 052.2	3 356.9	2 766.5	6 017.6	203.6	1 574.5
500 TO 999 EMPLOYEES <sup>1</sup> . . . . .	385	269.6	2 011.0	185.9	386.0	1 265.4	4 079.1	3 256.2	7 203.4	272.5	1 955.4
1 000 TO 2 499 EMPLOYEES <sup>1</sup> . . . . .	221	341.3	2 654.9	239.7	492.9	1 707.3	5 312.1	4 206.9	9 386.6	356.3	2 460.8
2 500 EMPLOYEES OR MORE <sup>1</sup> . . . . .	70	312.6	2 600.9	218.3	433.2	1 639.5	5 342.3	4 626.2	9 915.4	427.7	2 269.8
ESTABS. COVERED BY ADMIN. RECORDS <sup>10</sup>	14 707	29.8	185.9	29.4	48.7	140.8	430.3	235.9	665.7	16.3	88.4
36-- ELECTRICAL EQUIP. AND SUPPLIES											
ESTABLISHMENTS, TOTAL. . . . .	10 706	1 874.9	12 968.0	1 323.8	2 611.3	7 607.0	24 487.3	19 437.3	43 361.0	1 537.2	8 526.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>1</sup> . . . . .	2 925	4.8	28.5	4.7	7.0	17.9	74.8	54.4	129.0	28.9	20.3
5 TO 9 EMPLOYEES <sup>1</sup> . . . . .	1 060	7.2	44.7	6.0	10.4	27.1	90.0	72.0	162.4	4.3	23.9
10 TO 19 EMPLOYEES <sup>1</sup> . . . . .	1 149	16.1	99.4	11.9	23.2	60.0	192.7	154.4	345.0	9.5	47.4
20 TO 49 EMPLOYEES <sup>1</sup> . . . . .	1 791	57.6	337.7	43.6	84.7	207.8	673.0	545.4	1 202.0	44.6	181.4
50 TO 99 EMPLOYEES <sup>1</sup> . . . . .	1 180	84.4	496.5	64.6	128.3	310.4	976.7	824.6	1 780.7	49.3	308.5
100 TO 249 EMPLOYEES <sup>1</sup> . . . . .	1 189	187.6	1 098.1	141.4	280.2	681.3	2 208.0	1 809.9	3 988.5	145.6	754.0
250 TO 499 EMPLOYEES <sup>1</sup> . . . . .	628	220.0	1 316.7	164.9	328.0	817.8	2 622.6	1 969.3	4 530.7	158.0	944.0
500 TO 999 EMPLOYEES <sup>1</sup> . . . . .	415	288.0	1 801.2	213.5	422.9	1 127.2	3 629.7	2 504.7	6 096.4	230.7	1 346.3
1 000 TO 2 499 EMPLOYEES <sup>1</sup> . . . . .	246	373.6	2 671.6	262.0	515.9	1 602.6	5 140.4	3 850.4	8 876.4	348.9	1 766.8
2 500 EMPLOYEES OR MORE <sup>1</sup> . . . . .	123	635.1	5 073.4	411.1	810.7	2 755.1	8 879.2	7 652.5	16 249.7	517.6	3 133.7
ESTABS. COVERED BY ADMIN. RECORDS <sup>10</sup>	3 026	7.6	42.6	7.2	11.2	27.1	96.2	72.8	168.9	3.2	27.9
37-- TRANSPORTATION EQUIPMENT											
ESTABLISHMENTS, TOTAL. . . . .	7 483	1 834.1	15 173.7	1 336.5	2 745.6	9 918.2	28 173.9	40 420.0	68 512.3	1 822.4	12 323.4
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>1</sup> . . . . .	2 519	4.1	23.7	4.0	7.0	18.7	48.1	60.3	108.4	29.9	18.5
5 TO 9 EMPLOYEES <sup>1</sup> . . . . .	782	5.2	30.8	4.8	8.9	23.8	54.0	59.5	113.5	5.0	16.6
10 TO 19 EMPLOYEES <sup>1</sup> . . . . .	828	11.5	69.5	9.6	19.2	52.5	125.7	119.2	241.8	9.0	30.2
20 TO 49 EMPLOYEES <sup>1</sup> . . . . .	1 114	35.2	219.1	28.7	57.6	158.9	395.2	385.5	776.6	25.6	103.4
50 TO 99 EMPLOYEES <sup>1</sup> . . . . .	777	55.1	353.3	45.2	91.8	253.6	660.8	769.7	1 416.5	43.0	186.8
100 TO 249 EMPLOYEES <sup>1</sup> . . . . .	678	103.0	666.4	82.7	170.7	473.5	1 193.0	1 352.8	2 527.8	65.3	417.8
250 TO 499 EMPLOYEES <sup>1</sup> . . . . .	297	102.8	690.3	82.1	169.6	491.9	1 328.4	1 353.7	2 632.7	75.1	490.6
500 TO 999 EMPLOYEES <sup>1</sup> . . . . .	178	123.2	885.9	96.5	195.1	631.5	1 588.7	1 597.5	3 173.3	87.5	663.6
1 000 TO 2 499 EMPLOYEES <sup>1</sup> . . . . .	146	223.0	1 823.7	165.5	336.5	1 258.9	3 337.4	5 079.8	8 388.1	234.7	1 169.6
2 500 EMPLOYEES OR MORE <sup>1</sup> . . . . .	164	1 171.1	10 410.8	817.4	1 689.2	6 554.7	19 442.3	29 641.9	49 133.7	1 247.3	9 226.1
ESTABS. COVERED BY ADMIN. RECORDS <sup>10</sup>	2 610	6.5	37.2	6.4	11.2	28.8	66.1	79.3	145.3	9.2	27.1
38-- INSTRUMENTS AND RELATED PRODUCTS											
ESTABLISHMENTS, TOTAL. . . . .	4 453	394.3	2 821.6	265.9	530.2	1 569.0	6 418.4	3 591.8	9 907.2	392.2	1 978.1
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>1</sup> . . . . .	1 649	2.8	15.8	2.7	4.1	10.6	39.5	23.2	62.7	1.0	10.0
5 TO 9 EMPLOYEES <sup>1</sup> . . . . .	595	4.0	26.2	3.3	5.7	16.3	52.7	37.5	89.7	2.0	12.9
10 TO 19 EMPLOYEES <sup>1</sup> . . . . .	595	8.3	53.2	6.1	12.0	33.6	110.0	71.5	179.3	5.6	23.9
20 TO 49 EMPLOYEES <sup>1</sup> . . . . .	639	20.1	127.2	14.8	28.8	79.2	250.7	179.2	425.5	14.0	63.9
50 TO 99 EMPLOYEES <sup>1</sup> . . . . .	353	24.9	156.5	18.3	36.3	94.4	306.4	229.9	528.8	13.8	92.9
100 TO 249 EMPLOYEES <sup>1</sup> . . . . .	317	49.2	314.2	34.7	69.3	179.9	629.0	448.4	1 063.1	27.9	221.6
250 TO 499 EMPLOYEES <sup>1</sup> . . . . .	156	55.2	361.9	38.1	76.9	204.5	758.7	495.3	1 235.7	34.6	281.3
500 TO 999 EMPLOYEES <sup>1</sup> . . . . .	82	55.3	362.9	37.8	77.9	209.5	894.5	535.4	1 399.1	55.6	293.3
1 000 TO 2 499 EMPLOYEES <sup>1</sup> . . . . .	45	66.2	479.1	43.4	86.3	276.5	892.2	530.1	1 422.1	49.3	382.2
2 500 EMPLOYEES OR MORE <sup>1</sup> . . . . .	22	108.3	924.5	66.8	132.9	464.6	2 484.5	1 040.9	3 500.0	188.3	595.8
ESTABS. COVERED BY ADMIN. RECORDS <sup>10</sup>	1 676	3.9	21.1	3.8	5.8	14.2	48.1	28.6	76.7	1.1	13.1

See footnotes at end of table.

TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)											
Item	Establishments  (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					
39-- MISC. MANUFACTURING INDUSTRIES											
ESTABLISHMENTS, TOTAL. . . . .	14 072	423.1	2 291.0	344.4	662.0	1 552.5	4 599.4	3 773.4	8 310.7	213.5	1 447.2
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>1</sup> . . . . .	6 320	10.4	51.0	10.3	16.6	36.4	136.8	117.0	253.7	4.9	36.4
5 TO 9 EMPLOYEES <sup>1</sup> . . . . .	1 961	13.1	72.2	11.5	20.3	50.2	149.2	129.3	277.1	4.3	33.5
10 TO 19 EMPLOYEES <sup>1</sup> . . . . .	1 946	26.8	146.6	21.4	40.6	99.8	275.9	232.5	505.6	8.9	57.2
20 TO 49 EMPLOYEES <sup>1</sup> . . . . .	2 025	62.8	332.6	51.0	97.4	224.7	609.7	556.9	1 160.9	21.7	147.4
50 TO 99 EMPLOYEES <sup>1</sup> . . . . .	972	67.4	342.6	55.4	106.5	232.4	644.2	573.1	1 209.7	29.0	171.3
100 TO 249 EMPLOYEES <sup>1</sup> . . . . .	546	84.1	439.0	68.7	133.7	301.3	855.1	749.8	1 580.5	59.4	311.1
250 TO 499 EMPLOYEES <sup>1</sup> . . . . .	205	68.6	372.9	55.2	108.6	257.0	776.3	616.4	1 387.5	35.1	281.4
500 TO 999 EMPLOYEES <sup>1</sup> . . . . .	67	43.2	245.1	35.2	69.2	173.0	504.6	369.5	867.3	23.5	210.8
1,000 TO 2,499 EMPLOYEES <sup>1</sup> . . . . .	28	46.7	288.9	35.8	68.8	177.6	647.5	428.7	1 068.4	26.6	197.9
2,500 EMPLOYEES OR MORE <sup>1</sup> . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> . . . . .	6 605	15.0	67.8	14.9	23.8	48.3	164.7	126.3	291.0	3.2	44.3
19-- ORNANCE AND ACCESSORIES											
ESTABLISHMENTS, TOTAL. . . . .	417	400.4	3 528.4	214.8	439.4	1 502.2	5 587.8	3 766.6	9 267.7	200.0	1 313.5
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>1</sup> . . . . .	87	.1	1.1	.1	.2	.7	2.2	1.2	3.4	.1	.5
5 TO 9 EMPLOYEES <sup>1</sup> . . . . .	19	.1	1.0	.1	.2	.6	3.2	2.7	5.7	.5	.6
10 TO 19 EMPLOYEES <sup>1</sup> . . . . .	26	.4	2.6	.3	.6	1.6	4.5	3.2	7.7	.3	.7
20 TO 49 EMPLOYEES <sup>1</sup> . . . . .	45	1.5	10.9	1.2	2.5	7.3	20.8	11.0	31.2	2.1	4.4
50 TO 99 EMPLOYEES <sup>1</sup> . . . . .	36	2.8	19.7	2.1	4.4	11.4	53.3	56.8	111.4	3.1	11.4
100 TO 249 EMPLOYEES <sup>1</sup> . . . . .	40	6.4	45.1	4.6	9.7	25.5	88.5	60.6	136.0	4.8	31.5
250 TO 499 EMPLOYEES <sup>1</sup> . . . . .	34	11.7	81.2	8.6	17.4	50.7	164.8	101.4	262.9	6.2	35.4
500 TO 999 EMPLOYEES <sup>1</sup> . . . . .	45	31.0	233.8	21.2	45.2	132.0	415.1	436.5	860.4	14.6	126.3
1,000 TO 2,499 EMPLOYEES <sup>1</sup> . . . . .	41	66.2	555.3	40.5	83.0	294.7	934.6	485.3	1 404.9	24.2	152.3
2,500 EMPLOYEES OR MORE <sup>1</sup> . . . . .	44	280.1	2 577.6	136.2	276.5	977.9	3 900.7	607.9	6 444.1	144.1	950.3
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> . . . . .	74	.2	.9	.3	.3	.7	1.7	1.0	3.3	(2)	.6
2011-- MEATPACKING PLANTS											
ESTABLISHMENTS, TOTAL. . . . .	2 697	170.5	1 258.1	130.8	274.1	920.8	2 220.5	1 384.3	15 576.3	109.4	478.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>1</sup> . . . . .	1 170	1.7	9.1	1.7	2.8	7.1	32.5	74.3	106.8	27.0	3.2
5 TO 9 EMPLOYEES <sup>1</sup> . . . . .	281	1.8	9.9	1.7	3.2	7.9	39.6	84.0	122.9	.9	3.3
10 TO 19 EMPLOYEES <sup>1</sup> . . . . .	291	4.1	22.2	3.2	6.5	16.3	56.5	232.4	287.7	2.1	8.2
20 TO 49 EMPLOYEES <sup>1</sup> . . . . .	420	13.3	80.6	10.1	21.1	56.1	189.7	1 052.1	1 235.8	11.4	31.6
50 TO 99 EMPLOYEES <sup>1</sup> . . . . .	221	15.3	98.7	11.6	25.0	68.2	224.5	1 506.9	1 726.4	8.3	46.3
100 TO 249 EMPLOYEES <sup>1</sup> . . . . .	169	24.7	172.2	19.1	41.9	121.7	323.0	2 514.8	2 827.9	24.1	74.9
250 TO 499 EMPLOYEES <sup>1</sup> . . . . .	84	29.6	223.1	22.9	49.8	163.9	412.1	2 978.0	3 388.9	16.4	82.5
500 TO 999 EMPLOYEES <sup>1</sup> . . . . .	30	22.1	170.2	16.4	35.2	121.4	261.2	1 575.8	1 835.8	19.0	57.0
1,000 TO 2,499 EMPLOYEES <sup>1</sup> . . . . .	23	31.7	255.0	23.7	48.7	188.6	356.2	1 888.7	2 246.5	13.7	84.2
2,500 EMPLOYEES OR MORE <sup>1</sup> . . . . .	8	26.1	217.2	20.4	40.0	169.6	325.2	1 477.4	1 797.4	6.4	86.8
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> . . . . .	1 150	2.1	11.4	2.1	3.4	8.8	39.3	91.1	130.4	.7	3.9
2013-- SAUSAGES AND OTHER PREPARED MEATS											
ESTABLISHMENTS, TOTAL. . . . .	1 374	54.4	378.4	40.4	84.0	250.8	742.5	2 261.0	3 007.7	30.4	129.3
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>1</sup> . . . . .	466	.8	4.0	.8	1.2	2.9	11.1	27.0	38.1	2.3	1.5
5 TO 9 EMPLOYEES <sup>1</sup> . . . . .	181	1.2	7.3	1.1	2.0	5.3	16.2	39.7	56.0	.5	2.4
10 TO 19 EMPLOYEES <sup>1</sup> . . . . .	167	2.4	13.6	1.7	3.3	8.7	26.6	71.4	97.5	1.2	4.3
20 TO 49 EMPLOYEES <sup>1</sup> . . . . .	289	8.9	55.3	6.5	13.0	35.0	110.8	318.9	427.6	5.5	20.3
50 TO 99 EMPLOYEES <sup>1</sup> . . . . .	129	9.1	63.2	6.6	13.9	40.0	130.9	362.8	493.8	5.2	20.9
100 TO 249 EMPLOYEES <sup>1</sup> . . . . .	104	15.8	110.8	11.5	24.1	71.6	215.8	635.6	853.2	7.4	36.1
250 TO 499 EMPLOYEES <sup>1</sup> . . . . .	28	9.7	74.0	7.5	15.9	52.1	139.0	515.8	656.1	5.3	26.5
500 TO 999 EMPLOYEES <sup>1</sup> . . . . .	10	6.6	50.1	4.8	10.6	35.2	92.1	289.6	385.4	5.1	17.3
1,000 TO 2,499 EMPLOYEES <sup>1</sup> . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> . . . . .	442	1.0	5.1	1.0	1.5	3.6	14.7	31.3	46.0	.2	1.8
2015-- POULTRY DRESSING PLANTS											
ESTABLISHMENTS, TOTAL. . . . .	843	85.2	317.1	77.7	149.9	263.5	588.0	2 358.5	2 936.1	57.2	135.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>1</sup> . . . . .	188	.3	1.1	.3	.5	.9	4.6	13.0	17.6	24.1	.9
5 TO 9 EMPLOYEES <sup>1</sup> . . . . .	86	.6	2.0	.5	.9	1.6	5.8	15.7	21.5	.5	.9
10 TO 19 EMPLOYEES <sup>1</sup> . . . . .	55	.8	2.9	.7	1.1	2.3	8.3	30.3	38.5	.6	1.1
20 TO 49 EMPLOYEES <sup>1</sup> . . . . .	99	3.3	12.5	2.9	5.3	9.9	32.7	98.9	131.0	1.7	5.9
50 TO 99 EMPLOYEES <sup>1</sup> . . . . .	126	9.2	33.2	8.4	15.1	27.0	71.2	250.2	318.8	9.7	18.4
100 TO 249 EMPLOYEES <sup>1</sup> . . . . .	192	30.5	113.3	27.7	53.1	93.3	199.8	920.9	1 114.5	16.3	43.9
250 TO 499 EMPLOYEES <sup>1</sup> . . . . .	80	28.3	106.1	25.9	52.0	89.3	191.1	811.5	1 002.2	17.3	43.3
500 TO 999 EMPLOYEES <sup>1</sup> . . . . .	15	12.2	45.9	11.2	21.9	39.2	74.3	218.0	292.0	7.1	21.4
1,000 TO 2,499 EMPLOYEES <sup>1</sup> . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> . . . . .	233	.8	2.5	.8	1.2	2.0	8.2	25.0	33.2	.9	1.7

See footnotes at end of table.



TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments  (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number	Payroll	Number	Man-hours	Wages					
		(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					
2021-- CREAMERY BUTTER											
ESTABLISHMENTS, TOTAL . . . . .	540	8.7	45.4	6.4	13.9	31.3	113.2	841.4	958.8	9.5	31.8
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	214	.5	2.2	.4	.8	1.7	5.9	36.0	41.9	.2	1.0
5 TO 9 EMPLOYEES . . . . .	116	.8	3.5	.6	1.3	2.6	7.1	61.3	68.2	.4	1.8
10 TO 19 EMPLOYEES . . . . .	72	1.0	4.7	.7	1.6	3.3	11.2	90.7	102.0	.5	3.0
20 TO 49 EMPLOYEES . . . . .	96	3.0	16.7	2.2	4.9	11.5	50.6	346.5	398.2	2.9	13.4
50 TO 99 EMPLOYEES . . . . .	33	2.2	11.9	1.6	3.6	8.1	27.2	217.9	247.8	2.5	8.4
100 TO 249 EMPLOYEES . . . . .	9	1.2	6.4	.9	1.8	4.2	11.2	89.1	100.6	3.0	4.2
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	183	.5	2.1	.4	.7	1.6	5.2	23.7	28.9	.2	.9
2022-- CHEESE, NATURAL AND PROCESSED											
ESTABLISHMENTS, TOTAL . . . . .	1 026	20.0	103.6	16.6	33.9	80.0	226.5	1 487.4	1 707.8	17.3	135.0
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	440	.8	3.6	.8	1.5	3.1	11.2	62.1	73.2	.7	2.8
5 TO 9 EMPLOYEES . . . . .	172	1.2	5.2	1.0	2.0	4.3	12.9	78.6	90.9	1.0	3.1
10 TO 19 EMPLOYEES . . . . .	176	2.5	11.8	2.0	4.1	9.1	28.8	133.2	162.7	1.7	6.5
20 TO 49 EMPLOYEES . . . . .	148	4.5	21.7	3.6	7.6	16.2	40.9	240.8	283.3	4.2	14.3
50 TO 99 EMPLOYEES . . . . .	58	3.9	19.6	3.2	6.5	14.9	43.6	235.3	277.2	4.3	28.0
100 TO 249 EMPLOYEES . . . . .	25	4.3	23.3	3.4	7.0	17.0	57.2	338.5	389.3	3.3	30.4
250 TO 499 EMPLOYEES . . . . .	6	2.9	18.4	2.6	5.3	15.4	32.0	398.8	431.4	2.1	49.9
500 TO 999 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	372	.7	3.0	.7	1.3	2.5	9.0	42.2	51.3	.6	2.6
2023-- CONDENSED AND EVAPORATED MILK											
ESTABLISHMENTS, TOTAL . . . . .	291	13.2	83.4	10.0	20.7	59.3	373.1	892.5	1 263.0	20.8	74.8
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	40	.1	.5	.1	.1	.4	1.7	4.0	5.8	<sup>2</sup> 4.1	.3
5 TO 9 EMPLOYEES . . . . .	34	.2	1.5	.2	.4	1.0	3.9	8.0	12.0	(0)	.7
10 TO 19 EMPLOYEES . . . . .	48	.7	3.6	.4	1.0	2.3	10.0	32.4	42.4	(0)	1.7
20 TO 49 EMPLOYEES . . . . .	75	2.3	13.8	1.7	3.8	9.7	45.4	185.7	231.8	3.1	12.0
50 TO 99 EMPLOYEES . . . . .	63	4.3	27.5	3.3	6.8	20.1	97.6	320.8	420.7	4.0	22.6
100 TO 249 EMPLOYEES . . . . .	25	3.6	22.5	2.8	5.5	16.2	108.9	221.4	331.8	3.5	20.8
250 TO 499 EMPLOYEES . . . . .	6	1.9	13.9	1.5	3.1	9.7	105.6	120.0	218.5	6.0	16.7
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	24	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2024-- ICE CREAM AND FROZEN DESSERTS											
ESTABLISHMENTS, TOTAL . . . . .	850	24.6	156.4	13.8	27.2	77.2	403.0	658.3	1 059.4	26.6	66.9
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	292	.5	2.6	.5	.6	1.5	7.5	11.1	18.7	.7	1.2
5 TO 9 EMPLOYEES . . . . .	97	.7	3.6	.4	.8	1.9	10.7	15.2	25.9	.6	1.7
10 TO 19 EMPLOYEES . . . . .	136	1.9	9.9	1.1	2.0	5.0	22.0	39.0	60.9	1.5	4.1
20 TO 49 EMPLOYEES . . . . .	181	5.8	35.1	3.2	6.5	17.6	94.0	179.1	272.9	5.5	16.4
50 TO 99 EMPLOYEES . . . . .	80	5.6	36.3	3.1	6.4	17.5	94.1	166.0	259.3	7.7	16.2
100 TO 249 EMPLOYEES . . . . .	56	7.7	52.5	4.2	8.7	25.8	137.5	193.4	330.9	5.9	21.6
250 TO 499 EMPLOYEES . . . . .	8	2.4	16.4	1.2	2.3	8.0	37.1	54.5	90.9	4.7	5.7
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	266	.5	2.6	.5	.6	1.4	6.8	10.0	16.8	.5	1.2
2026-- FLUID MILK											
ESTABLISHMENTS, TOTAL . . . . .	3 481	165.2	1 060.5	60.5	126.4	356.7	2 350.7	5 493.4	7 826.0	120.3	181.4
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	987	1.7	8.8	1.6	1.9	4.4	24.7	60.2	84.8	<sup>2</sup> 7.1	2.4
5 TO 9 EMPLOYEES . . . . .	354	2.4	12.3	1.2	2.6	6.3	27.9	96.8	124.3	2.2	2.7
10 TO 19 EMPLOYEES . . . . .	504	7.2	39.0	3.3	7.0	17.3	88.4	230.0	316.7	5.0	9.3
20 TO 49 EMPLOYEES . . . . .	703	22.4	132.3	9.4	19.7	53.5	302.7	808.9	1 107.2	16.7	30.1
50 TO 99 EMPLOYEES . . . . .	443	30.8	197.9	12.4	26.1	74.7	441.0	1 128.7	1 565.8	25.8	36.3
100 TO 249 EMPLOYEES . . . . .	391	59.8	397.4	20.7	44.8	125.8	872.5	1 986.4	2 855.4	38.1	62.0
250 TO 499 EMPLOYEES . . . . .	85	28.2	199.1	8.5	18.0	55.8	424.2	903.9	1 325.3	18.9	27.1
500 TO 999 EMPLOYEES . . . . .	13	12.9	73.6	3.3	6.5	19.0	169.4	278.5	446.5	6.5	11.6
2,500 EMPLOYEES OR MORE . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	926	2.0	10.2	1.6	2.1	5.0	38.7	55.9	94.6	2.3	2.9

See footnotes at end of table.

TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of production (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					
2031-- CANNED AND CURED SEAFOODS											
ESTABLISHMENTS, TOTAL . . . . .	320	15.8	69.1	14.0	23.6	54.8	181.0	342.0	523.1	9.4	129.1
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>1</sup> . . . . .	84	.2	.8	.2	.2	.6	3.0	4.4	7.4	.2	1.6
5 TO 9 EMPLOYEES . . . . .	25	.2	1.0	.1	.2	.7	3.2	5.9	9.1	.2	2.6
10 TO 19 EMPLOYEES . . . . .	50	.7	3.6	.6	1.1	2.6	6.8	13.7	20.4	.4	3.6
20 TO 49 EMPLOYEES . . . . .	81	2.6	11.5	2.3	3.9	8.8	30.8	42.0	72.9	1.5	13.0
50 TO 99 EMPLOYEES . . . . .	46	3.3	15.2	2.9	5.0	12.6	34.4	47.6	82.0	1.5	13.3
100 TO 249 EMPLOYEES . . . . .	26	3.7	13.7	3.3	5.2	10.7	46.0	64.6	110.7	3.5	26.2
250 TO 499 EMPLOYEES . . . . .	4	1.5	5.3	1.4	2.6	4.5	10.1	36.5	46.6	1.2	11.5
500 TO 999 EMPLOYEES . . . . .	3	3.6	18.2	3.2	5.3	14.3	46.7	127.1	174.0	1.0	57.3
1,000 TO 2,499 EMPLOYEES . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2,500 EMPLOYEES OR MORE . . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	72	.3	1.3	.3	.5	1.0	3.1	4.5	7.6	.1	1.7
2032-- CANNED SPECIALTIES											
ESTABLISHMENTS, TOTAL . . . . .	175	27.2	157.3	22.4	45.0	115.1	602.1	760.5	1 361.9 <sup>2</sup>	28.1	248.3
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>1</sup> . . . . .	53	.1	.4	.1	.1	.3	1.0	1.3	2.3	(2)	.4
5 TO 9 EMPLOYEES <sup>1</sup> . . . . .	19	.1	.6	.1	.2	.4	1.6	2.7	4.4	.2	.7
10 TO 19 EMPLOYEES . . . . .	20	.3	1.5	.2	.4	.9	3.6	5.0	8.6	.3	1.4
20 TO 49 EMPLOYEES . . . . .	23	.7	3.1	.6	1.2	2.3	11.2	15.2	26.4	.4	3.6
50 TO 99 EMPLOYEES . . . . .	15	1.1	5.5	1.0	2.0	4.1	11.7	21.3	33.1	.6	6.4
100 TO 249 EMPLOYEES . . . . .	21	3.5	18.5	2.8	5.8	12.2	64.1	95.8	159.8	3.6	31.4
250 TO 499 EMPLOYEES . . . . .	9	3.3	17.5	2.8	5.7	13.6	89.7	97.4	187.1	2.1	42.6
500 TO 999 EMPLOYEES . . . . .	8	5.0	26.8	4.2	8.6	19.3	92.1	129.4	221.2	6.3	48.2
1,000 TO 2,499 EMPLOYEES . . . . .	6	13.0	83.5	10.6	20.9	62.0	327.0	392.3	719.0	14.7	113.5
2,500 EMPLOYEES OR MORE . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	47	.1	.4	.1	.2	.3	1.1	1.5	2.6	.1	.5
2033-- CANNED FRUITS AND VEGETABLES											
ESTABLISHMENTS, TOTAL . . . . .	1 223	100.1	473.8	88.9	174.0	376.0	1 413.3	2 065.4	3 467.8	101.9	1 085.9
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>1</sup> . . . . .	281	.5	2.4	.5	.9	1.8	7.2	10.0	17.2	1.1	5.2
5 TO 9 EMPLOYEES . . . . .	94	.7	3.3	.6	1.2	2.5	9.6	13.3	22.8	.4	5.3
10 TO 19 EMPLOYEES . . . . .	116	1.6	8.0	1.4	2.6	5.7	22.5	32.4	54.9	1.1	14.1
20 TO 49 EMPLOYEES . . . . .	233	7.4	33.0	6.3	12.3	24.2	97.2	146.6	242.4	7.5	63.7
50 TO 99 EMPLOYEES . . . . .	200	14.6	61.7	12.8	24.9	47.5	174.6	259.8	434.4	15.0	131.7
100 TO 249 EMPLOYEES . . . . .	208	32.7	152.6	29.0	57.9	119.6	481.0	700.6	1 179.6	37.5	377.1
250 TO 499 EMPLOYEES . . . . .	65	21.5	112.9	19.4	38.3	94.0	339.7	531.5	866.9	21.6	295.4
500 TO 999 EMPLOYEES . . . . .	24	21.0	99.8	19.1	35.9	90.7	371.4	649.6	1 179.6	17.7	193.6
1,000 TO 2,499 EMPLOYEES . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2,500 EMPLOYEES OR MORE . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	251	.7	2.5	.7	1.1	1.9	6.4	10.2	16.6	.2	6.3
2034-- DEHYDRATED FOOD PRODUCTS											
ESTABLISHMENTS, TOTAL . . . . .	178	11.1	58.0	9.4	18.1	44.0	167.7	255.2	3 420.8	14.6	108.6
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>1</sup> . . . . .	51	.1	.7	.1	.2	.6	.7	1.4	2.9	1.1	.7
5 TO 9 EMPLOYEES . . . . .	22	.1	.8	.1	.2	.7	1.9	2.4	4.4	.2	.6
10 TO 19 EMPLOYEES . . . . .	24	.3	1.6	.3	.5	1.2	5.2	6.6	11.6	.1	2.4
20 TO 49 EMPLOYEES . . . . .	32	1.1	5.2	.9	1.7	4.0	15.2	34.1	50.7	1.1	14.9
50 TO 99 EMPLOYEES . . . . .	14	1.0	4.9	.9	1.6	3.9	12.7	17.2	28.4	.8	9.8
100 TO 249 EMPLOYEES . . . . .	22	3.6	17.7	3.1	5.9	13.9	45.3	88.9	130.3	7.2	41.2
250 TO 499 EMPLOYEES . . . . .	11	4.9	27.2	4.1	8.0	19.8	86.6	104.6	192.6	4.9	39.1
500 TO 999 EMPLOYEES . . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1,000 TO 2,499 EMPLOYEES . . . . .	-	-	-	-	-	-	-	-	-	-	-
2,500 EMPLOYEES OR MORE . . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	45	.1	.6	.1	.2	.5	1.6	1.9	3.5	.2	1.0
2035-- PICKLES, SAUCES, & SALAD DRESSINGS											
ESTABLISHMENTS, TOTAL . . . . .	527	19.8	100.5	16.2	31.7	72.0	295.5	526.6	818.9	14.9	153.2
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>1</sup> . . . . .	202	.3	1.4	.3	.5	1.3	4.3	6.2	10.5	.5	2.1
5 TO 9 EMPLOYEES . . . . .	55	.4	1.7	.3	.6	1.4	4.5	7.5	12.1	.3	1.6
10 TO 19 EMPLOYEES . . . . .	88	1.2	5.5	.9	1.8	4.0	15.8	27.4	43.9	1.1	4.3
20 TO 49 EMPLOYEES . . . . .	85	2.7	12.1	2.1	3.9	8.1	38.7	54.5	93.1	2.1	13.5
50 TO 99 EMPLOYEES . . . . .	47	3.3	15.2	2.6	5.2	10.7	61.0	78.6	139.6	2.1	18.3
100 TO 249 EMPLOYEES . . . . .	32	5.6	27.6	4.7	9.3	19.9	72.3	146.5	217.9	4.1	47.1
250 TO 499 EMPLOYEES . . . . .	16	6.4	36.9	5.3	10.4	26.5	99.0	205.9	301.9	4.7	66.4
500 TO 999 EMPLOYEES . . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1,000 TO 2,499 EMPLOYEES . . . . .	-	-	-	-	-	-	-	-	-	-	-
2,500 EMPLOYEES OR MORE . . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	173	.3	1.2	.3	.4	1.1	3.5	5.4	8.9	.1	1.9

See footnotes at end of table.



TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)											
Item	Establishments  (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of production (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number	Payroll	Number	Man-hours	Wages					
		(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					
2036-- FRESH OR FROZEN PACKAGED FISH											
ESTABLISHMENTS, TOTAL . . . . .	497	21.4	77.2	19.4	32.8	60.0	164.9	393.8	557.4	8.7	75.2
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>6</sup> . . . . .	123	.2	.8	.2	.4	.7	3.0	4.8	7.7	2.1	.7
5 TO 9 EMPLOYEES <sup>6</sup> . . . . .	54	.4	1.4	.4	.6	1.2	2.7	5.5	8.2	.2	.6
10 TO 19 EMPLOYEES <sup>6</sup> . . . . .	79	1.2	4.6	1.1	1.8	3.7	10.0	19.7	29.6	.6	2.5
20 TO 49 EMPLOYEES <sup>6</sup> . . . . .	134	4.4	15.8	4.0	6.2	12.7	33.1	71.9	104.9	2.2	8.4
50 TO 99 EMPLOYEES <sup>6</sup> . . . . .	65	4.5	15.3	4.2	6.2	12.3	33.7	64.4	98.0	2.2	10.2
100 TO 249 EMPLOYEES <sup>6</sup> . . . . .	25	3.3	11.4	3.2	5.2	9.1	26.3	55.9	82.3	.9	6.1
250 TO 499 EMPLOYEES <sup>6</sup> . . . . .	11	3.5	13.6	2.9	6.0	9.8	34.7	77.9	111.6	.9	20.7
500 TO 999 EMPLOYEES <sup>6</sup> . . . . .	6	3.8	14.3	3.4	6.6	10.6	21.5	93.6	115.1	1.6	26.0
1,000 TO 2,499 EMPLOYEES <sup>6</sup> . . . . .	-	-	-	-	-	-	-	-	-	-	-
2,500 EMPLOYEES OR MORE <sup>6</sup> . . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> °	153	.8	2.6	.8	1.3	2.1	6.3	9.8	16.1	.3	1.6
2037-- FROZEN FRUITS AND VEGETABLES											
ESTABLISHMENTS, TOTAL . . . . .	607	64.3	293.9	56.2	110.3	229.1	759.3	1 306.5	2 066.8	75.1	361.3
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>6</sup> . . . . .	135	.3	1.2	.2	.5	.9	3.5	6.8	10.3	7.8	1.9
5 TO 9 EMPLOYEES <sup>6</sup> . . . . .	50	.3	1.9	.3	.6	1.3	4.5	8.5	13.0	.2	1.9
10 TO 19 EMPLOYEES <sup>6</sup> . . . . .	60	.8	4.2	.7	1.3	3.1	10.7	17.2	27.9	.6	3.1
20 TO 49 EMPLOYEES <sup>6</sup> . . . . .	102	3.3	17.1	2.7	5.6	12.1	45.7	67.6	113.1	2.3	13.1
50 TO 99 EMPLOYEES <sup>6</sup> . . . . .	84	6.1	28.5	5.1	10.3	21.0	71.1	137.1	208.2	5.5	33.0
100 TO 249 EMPLOYEES <sup>6</sup> . . . . .	107	16.8	76.2	14.8	28.2	60.3	197.2	370.4	568.9	17.9	106.3
250 TO 499 EMPLOYEES <sup>6</sup> . . . . .	40	14.0	60.5	12.5	24.1	49.0	154.3	244.9	399.2	16.7	78.4
500 TO 999 EMPLOYEES <sup>6</sup> . . . . .	22	14.1	63.6	12.7	26.2	52.5	159.6	292.5	452.0	16.7	82.9
1,000 TO 2,499 EMPLOYEES <sup>6</sup> . . . . .	7	8.5	40.8	7.1	13.7	29.0	112.7	161.6	274.2	7.4	41.0
2,500 EMPLOYEES OR MORE <sup>6</sup> . . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> °	113	.3	1.4	.3	.5	1.0	6.1	5.6	11.7	.3	2.1
2041-- FLOUR & OTHER GRAIN MILL PRODUCTS											
ESTABLISHMENTS, TOTAL . . . . .	541	20.5	142.9	14.8	33.2	95.5	488.4	1 966.0	2 454.6	26.3	192.4
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>6</sup> . . . . .	210	.3	1.5	.3	.6	1.1	4.7	13.3	18.0	.2	2.3
5 TO 9 EMPLOYEES <sup>6</sup> . . . . .	62	.4	2.4	.3	.8	1.6	6.1	18.4	24.5	.6	2.7
10 TO 19 EMPLOYEES <sup>6</sup> . . . . .	56	.8	4.0	.5	1.2	2.5	12.4	36.4	48.6	.6	4.7
20 TO 49 EMPLOYEES <sup>6</sup> . . . . .	84	2.7	16.7	1.9	4.3	11.2	56.0	258.1	313.2	3.2	28.9
50 TO 99 EMPLOYEES <sup>6</sup> . . . . .	74	5.3	36.5	3.8	8.6	24.5	119.8	600.1	720.8	6.4	51.0
100 TO 249 EMPLOYEES <sup>6</sup> . . . . .	44	6.7	48.1	4.8	10.9	31.5	163.6	686.2	849.5	8.2	64.5
250 TO 499 EMPLOYEES <sup>6</sup> . . . . .	9	4.3	33.8	3.2	6.8	23.0	125.7	353.6	479.9	7.1	38.2
500 TO 999 EMPLOYEES <sup>6</sup> . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> °	207	.4	2.0	.4	.8	1.5	6.1	15.1	21.3	.3	2.6
2042-- PREPARED FEEDS FOR ANIMALS & FOWLS											
ESTABLISHMENTS, TOTAL . . . . .	2 355	53.3	325.9	34.6	75.3	187.1	1 226.8	3 579.5	4 796.9	75.6	277.6
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>6</sup> . . . . .	719	1.3	6.9	1.3	2.1	4.6	22.7	72.9	96.7	5.6	7.3
5 TO 9 EMPLOYEES <sup>6</sup> . . . . .	422	2.9	16.1	2.1	4.6	10.0	52.0	174.6	224.8	6.2	14.2
10 TO 19 EMPLOYEES <sup>6</sup> . . . . .	493	6.7	36.4	4.6	10.4	22.6	112.4	397.9	509.6	13.4	29.7
20 TO 49 EMPLOYEES <sup>6</sup> . . . . .	475	14.5	85.5	9.0	19.9	45.5	291.5	1 097.1	1 386.9	18.7	83.6
50 TO 99 EMPLOYEES <sup>6</sup> . . . . .	163	11.6	74.1	7.0	15.2	38.6	248.8	861.5	1 109.3	10.8	52.1
100 TO 249 EMPLOYEES <sup>6</sup> . . . . .	66	9.6	63.1	5.9	13.3	35.0	264.7	632.3	892.0	10.9	48.5
250 TO 499 EMPLOYEES <sup>6</sup> . . . . .	15	6.6	43.9	4.7	9.8	30.7	234.6	343.3	577.4	10.0	42.3
500 TO 999 EMPLOYEES <sup>6</sup> . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1,000 TO 2,499 EMPLOYEES <sup>6</sup> . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> °	585	1.2	6.1	1.2	1.8	4.0	23.8	56.9	80.7	1.4	7.3
2043-- CEREAL PREPARATIONS											
ESTABLISHMENTS, TOTAL . . . . .	45	12.2	93.8	10.1	20.2	71.9	473.3	322.7	793.0	18.4	54.7
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>6</sup> . . . . .	7	(2)	(2)	(2)	(2)	(2)	.1	.1	.3	-	(2)
5 TO 9 EMPLOYEES <sup>6</sup> . . . . .	4	(2)	.2	(2)	(2)	.1	.5	1.1	1.6	(2)	.1
10 TO 19 EMPLOYEES <sup>6</sup> . . . . .	6	.1	.5	.1	.1	.4	3.0	6.9	10.0	(2)	.7
20 TO 49 EMPLOYEES <sup>6</sup> . . . . .	8	.2	1.6	.2	.3	.9	5.7	7.3	13.0	.4	1.4
50 TO 99 EMPLOYEES <sup>6</sup> . . . . .	4	.3	1.9	.3	.5	1.3	8.4	5.8	14.1	(2)	2.2
100 TO 249 EMPLOYEES <sup>6</sup> . . . . .	5	.8	4.9	.6	1.1	2.7	13.9	13.1	27.5	1.6	2.1
250 TO 499 EMPLOYEES <sup>6</sup> . . . . .	5	3.8	28.8	3.1	6.7	22.8	190.3	124.7	313.8	5.2	16.9
500 TO 999 EMPLOYEES <sup>6</sup> . . . . .	3	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1,000 TO 2,499 EMPLOYEES <sup>6</sup> . . . . .	2	6.9	55.8	6.0	11.3	43.8	251.4	163.6	412.9	11.0	31.3
2,500 EMPLOYEES OR MORE <sup>6</sup> . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> °	8	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

See footnotes at end of table.

TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number	Payroll	Number	Man-hours	Wages					
		(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					
2044-- RICE MILLING											
ESTABLISHMENTS, TOTAL . . . . .	68	4.2	24.4	3.2	7.2	15.0	103.8	447.2	548.4	9.8	123.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	10	(2)	.1	(2)	(2)	.1	.2	.6	.8	(2)	.2
5 TO 9 EMPLOYEES . . . . .	6	(2)	.2	(2)	.1	.2	.4	1.6	2.1	(2)	.1
10 TO 19 EMPLOYEES . . . . .	6	.1	.5	.1	.2	.4	3.5	7.4	10.4	.1	1.4
20 TO 49 EMPLOYEES . . . . .	18	.6	2.5	.5	1.0	1.7	8.6	55.9	65.7	.7	9.2
50 TO 99 EMPLOYEES . . . . .	17	1.2	6.5	1.0	2.1	4.5	29.2	162.3	191.3	3.6	35.7
100 TO 249 EMPLOYEES . . . . .	7	1.0	5.0	.8	1.9	3.3	24.9	98.9	121.8	1.6	31.6
250 TO 499 EMPLOYEES . . . . .	4	1.3	9.7	.8	1.9	4.9	37.1	120.4	156.4	3.8	44.8
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup>	9	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2045-- BLENDED AND PREPARED FLOUR											
ESTABLISHMENTS, TOTAL . . . . .	148	7.5	55.0	5.5	11.3	35.4	233.1	314.9	547.5	10.5	37.5
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	54	.1	.6	.1	.1	.3	1.5	2.7	4.2	(2)	.3
5 TO 9 EMPLOYEES . . . . .	16	.1	.8	.1	.1	.4	1.7	2.7	4.3	.1	.3
10 TO 19 EMPLOYEES . . . . .	22	.3	1.9	.2	.4	.9	3.9	7.5	11.4	.1	.7
20 TO 49 EMPLOYEES . . . . .	17	.6	4.4	.4	.9	2.4	16.4	24.9	41.4	.4	3.2
50 TO 99 EMPLOYEES . . . . .	18	1.3	9.4	.9	1.8	5.4	35.3	56.8	92.0	.9	6.6
100 TO 249 EMPLOYEES . . . . .	14	2.2	14.4	1.6	3.3	9.1	45.1	81.9	127.2	3.4	11.7
250 TO 499 EMPLOYEES . . . . .	5	2.9	23.5	2.2	4.8	16.8	129.1	138.5	266.9	5.6	14.6
500 TO 999 EMPLOYEES . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	45	.1	.5	.1	.1	.3	1.1	1.8	2.9	(2)	.3
2046-- WET CORN MILLING											
ESTABLISHMENTS, TOTAL . . . . .	45	14.1	116.1	9.8	20.3	75.2	353.6	401.7	751.3	40.5	77.3
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	9	(2)	.1	(2)	(2)	.1	.3	.2	.5	.3	(0)
5 TO 9 EMPLOYEES . . . . .	4	(2)	.2	(2)	.1	.1	.5	.5	.9	(2)	(0)
10 TO 19 EMPLOYEES . . . . .	9	.1	.9	.1	.2	.6	3.7	3.8	7.6	.2	(0)
20 TO 49 EMPLOYEES <sup>e</sup> . . . . .	4	.1	.8	.1	.2	.6	3.1	2.8	5.9	.3	.9
50 TO 99 EMPLOYEES . . . . .	5	1.2	8.6	.9	1.8	6.1	25.7	43.9	67.5	5.3	11.6
100 TO 249 EMPLOYEES . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
250 TO 499 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
500 TO 999 EMPLOYEES . . . . .	5	3.1	24.9	2.1	4.4	15.8	74.4	100.5	173.6	12.6	15.6
1,000 TO 2,499 EMPLOYEES . . . . .	5	9.6	80.8	6.6	13.6	51.9	245.9	250.1	495.4	22.0	48.0
2,500 EMPLOYEES OR MORE . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> .	6	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2051-- BREAD, CAKE, AND RELATED PRODUCTS											
ESTABLISHMENTS, TOTAL . . . . .	4 042	221.7	1 414.0	125.3	252.3	710.8	2 753.0	2 349.5	5 102.7	127.9	139.1
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	1 594	2.5	13.0	2.4	2.8	8.5	33.3	29.5	62.8	3.9	1.7
5 TO 9 EMPLOYEES . . . . .	382	2.6	13.0	1.7	3.3	9.0	25.5	21.4	46.9	1.2	1.4
10 TO 19 EMPLOYEES . . . . .	458	6.4	30.4	4.4	8.8	21.1	53.0	43.2	96.2	1.8	3.0
20 TO 49 EMPLOYEES . . . . .	555	17.2	85.2	11.3	23.0	53.6	156.7	135.7	292.6	8.7	8.5
50 TO 99 EMPLOYEES . . . . .	358	25.7	146.7	15.3	31.3	78.6	301.5	249.9	551.5	11.9	15.3
100 TO 249 EMPLOYEES . . . . .	487	76.4	501.0	39.6	82.3	231.1	1 008.8	885.4	1 894.5	46.7	47.2
250 TO 499 EMPLOYEES . . . . .	158	52.6	367.7	29.5	59.4	177.2	722.3	604.5	1 326.5	33.2	34.5
500 TO 999 EMPLOYEES . . . . .	42	28.8	194.6	15.7	31.6	99.3	343.3	290.3	633.7	17.4	21.4
1,000 TO 2,499 EMPLOYEES . . . . .	8	9.5	62.4	5.3	9.7	32.4	108.7	89.6	197.9	3.1	6.0
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	1 551	2.7	14.5	2.4	3.0	9.3	36.1	32.0	68.1	.6	1.8
2051-12 WHOLESALE BAKERIES											
ESTABLISHMENTS, TOTAL . . . . .	3 751	188.5	1 223.8	101.8	207.5	576.5	2 390.4	2 010.1	4 400.7	115.2	115.8
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	1 588	2.4	12.9	2.4	2.7	8.4	32.9	29.2	62.1	3.9	1.7
5 TO 9 EMPLOYEES . . . . .	367	2.4	12.5	1.6	3.2	8.6	24.5	20.7	45.2	1.2	1.3
10 TO 19 EMPLOYEES . . . . .	409	5.7	27.4	4.0	7.9	19.0	47.9	39.9	87.8	1.7	2.7
20 TO 49 EMPLOYEES . . . . .	473	14.6	73.6	9.7	19.7	45.5	134.6	117.2	251.8	8.2	7.4
50 TO 99 EMPLOYEES . . . . .	300	21.5	126.3	12.4	25.5	63.9	251.3	210.4	461.8	10.4	13.0
100 TO 249 EMPLOYEES . . . . .	438	68.9	456.7	33.7	70.8	196.4	917.9	802.4	1 720.9	43.3	41.4
250 TO 499 EMPLOYEES . . . . .	140	46.2	329.6	24.0	49.6	145.6	642.1	523.5	1 165.3	28.2	28.6
500 TO 999 EMPLOYEES . . . . .	32	21.5	150.1	11.3	23.0	71.2	270.4	221.9	492.3	15.8	16.5
1,000 TO 2,499 EMPLOYEES . . . . .	4	5.2	34.6	2.7	5.1	17.8	68.7	44.8	113.5	2.6	3.2
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	1 551	2.7	14.5	2.4	3.0	9.3	36.1	32.0	68.1	.6	1.8

See footnotes at end of table.



TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967-Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number	Payroll	Number	Man-hours	Wages					
		(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					
2051-13 GROCERY CHAIN BAKERIES											
ESTABLISHMENTS, TOTAL . . . . .	128	18.4	111.8	16.4	30.0	95.6	229.4	239.1	468.4	9.2	16.7
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	4	(2)	2.3	(2)	1.1	2.3	2.6	2.4	2.9	(2)	(2)
5 TO 9 EMPLOYEES . . . . .	5	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
10 TO 19 EMPLOYEES . . . . .	15	2	9	2	3	8	1.6	1.1	2.7	(2)	1
20 TO 49 EMPLOYEES . . . . .	24	8	4.4	6	1.3	3.6	9.8	9.6	19.5	2	5
50 TO 99 EMPLOYEES . . . . .	24	1.8	10.3	1.6	3.1	8.7	27.5	25.4	52.9	7	1.3
100 TO 249 EMPLOYEES . . . . .	34	5.3	33.4	4.7	9.0	28.2	69.4	68.9	138.2	2.6	4.9
250 TO 499 EMPLOYEES . . . . .	16	10.3	62.5	9.2	16.1	54.0	120.5	133.6	254.1	6.5	9.9
500 TO 999 EMPLOYEES . . . . .	5	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1,000 TO 2,499 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2051-14 HOME SERVICE BAKERIES											
ESTABLISHMENTS, TOTAL . . . . .	35	5.7	36.7	2.0	3.9	10.9	58.0	40.2	98.2	1.0	2.4
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	1	(2)	1.1	(2)	1.1	1.1	2.3	2.2	2.5	(2)	(2)
5 TO 9 EMPLOYEES . . . . .	3	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
10 TO 19 EMPLOYEES . . . . .	7	1	4	1	1	3	7	5	1.2	(2)	1
20 TO 49 EMPLOYEES . . . . .	7	2	1.0	1	3	6	2.0	1.7	3.7	1	1
50 TO 99 EMPLOYEES . . . . .	8	6	2.7	3	5	1.0	6.5	6.2	12.7	2	4
100 TO 249 EMPLOYEES . . . . .	4	4.7	32.5	1.4	3.0	9.0	48.5	31.6	80.2	7	1.8
500 TO 999 EMPLOYEES . . . . .	3	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1,000 TO 2,499 EMPLOYEES . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2051-16 RETAIL MULTI-OUTLET BAKERIES											
ESTABLISHMENTS, TOTAL . . . . .	128	9.2	41.7	5.2	10.9	27.8	75.3	60.2	135.4	2.5	4.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	1	1	2	(2)	1	2	2.6	2.3	2.9	(2)	(2)
5 TO 9 EMPLOYEES . . . . .	7	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
10 TO 19 EMPLOYEES . . . . .	27	4	1.6	2	4	1.0	2.8	1.7	4.6	1	1
20 TO 49 EMPLOYEES . . . . .	51	1.6	6.2	9	1.7	3.9	10.4	7.2	17.6	3	5
50 TO 99 EMPLOYEES . . . . .	26	1.9	7.5	1.0	2.2	5.0	16.2	7.9	24.1	6	6
100 TO 249 EMPLOYEES . . . . .	11	2.5	12.7	1.6	3.2	8.8	25.6	17.3	43.0	1.0	1.5
250 TO 499 EMPLOYEES . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
500 TO 999 EMPLOYEES . . . . .	2	2.8	13.5	1.5	3.3	8.9	19.7	25.6	45.2	6	1.3
1,000 TO 2,499 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2052-- COOKIES AND CRACKERS											
ESTABLISHMENTS, TOTAL . . . . .	348	42.5	250.8	34.2	67.8	180.7	741.6	623.7	1,363.8	24.0	74.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	72	1	7	1	2	5	1.5	1.4	2.9	(2)	2
5 TO 9 EMPLOYEES . . . . .	35	2	1.1	2	4	7	2.3	2.1	4.3	1	3
10 TO 19 EMPLOYEES . . . . .	41	6	2.5	4	8	1.7	5.0	4.4	9.4	4	5
20 TO 49 EMPLOYEES . . . . .	70	2.4	12.0	1.8	3.6	7.6	25.5	26.2	51.5	1.3	3.9
50 TO 99 EMPLOYEES . . . . .	46	3.1	17.1	2.5	4.9	10.9	35.8	43.6	79.7	2.7	5.1
100 TO 249 EMPLOYEES . . . . .	45	7.0	35.2	5.5	10.6	24.5	97.5	104.4	200.0	3.3	13.9
250 TO 499 EMPLOYEES . . . . .	14	4.7	27.1	3.7	7.3	17.7	60.4	63.9	124.5	2.0	7.5
500 TO 999 EMPLOYEES . . . . .	19	13.4	81.2	11.5	22.2	63.7	257.7	219.8	477.0	7.4	21.7
1,000 TO 2,499 EMPLOYEES . . . . .	5	11.0	74.0	8.6	17.8	53.4	255.9	157.9	414.4	6.8	20.9
2,500 EMPLOYEES OR MORE . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup>	66	2	7	2	2	5	1.5	1.5	3.0	(2)	2
2061-- RAW CANE SUGAR											
ESTABLISHMENTS, TOTAL . . . . .	83	7.9	48.5	6.2	14.5	35.4	133.8	238.7	368.5	21.4	33.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	6	(2)	(2)	(2)	(2)	(2)	1	2	3	(2)	(2)
5 TO 9 EMPLOYEES . . . . .	1	(2)	2	(2)	(2)	1	6	1.2	1.9	(0)	2
10 TO 19 EMPLOYEES . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
20 TO 49 EMPLOYEES . . . . .	13	5	2.6	4	1.1	2.1	5.6	12.4	17.9	8	1.2
50 TO 99 EMPLOYEES . . . . .	34	2.4	12.7	2.0	5.0	10.0	40.0	76.6	115.5	6.7	9.5
100 TO 249 EMPLOYEES . . . . .	24	3.5	22.0	2.6	5.9	15.9	69.6	108.8	177.9	12.1	18.3
250 TO 499 EMPLOYEES . . . . .	2	1.5	10.8	1.1	2.4	7.3	17.9	39.5	55.1	1.8	4.3
500 TO 999 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1,000 TO 2,499 EMPLOYEES . . . . .	-	-	-	-	-	-	-	-	-	-	-
2,500 EMPLOYEES OR MORE . . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup>	5	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

See footnotes at end of table.

TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number	Payroll	Number	Man-hours	Wages					
		(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					
2062-- CANE SUGAR REFINING											
ESTABLISHMENTS, TOTAL. . . . .	34	11.5	92.7	8.7	18.7	69.2	308.5	1 081.0	1 375.7	24.1	165.5
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	6	.1	1.0	.1	.2	.8	3.2	24.1	27.3	2.0	2.0
5 TO 9 EMPLOYEES . . . . .	-	-	-	-	-	-	-	-	-	-	-
10 TO 19 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
20 TO 49 EMPLOYEES . . . . .	3	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
50 TO 99 EMPLOYEES . . . . .	4	.3	1.9	.2	.4	1.2	7.3	30.0	36.8	.6	5.6
100 TO 249 EMPLOYEES . . . . .	4	.6	4.6	.5	1.2	3.7	16.4	78.4	93.3	.6	17.7
250 TO 499 EMPLOYEES . . . . .	4	1.3	9.5	1.0	2.0	7.0	34.2	106.3	137.2	1.8	14.8
500 TO 999 EMPLOYEES . . . . .	11	9.2	75.7	6.9	14.8	56.4	247.3	842.2	1 081.1	19.0	125.4
1,000 TO 2,499 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2,500 EMPLOYEES OR MORE . . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN.RECORDS <sup>1</sup> .	2	-	(0)	-	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2063-- BEET SUGAR											
ESTABLISHMENTS, TOTAL. . . . .	65	11.5	68.4	10.1	20.3	56.3	209.7	343.0	560.7	35.7	192.3
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	-	-	-	-	-	-	-	-	-	-	-
5 TO 9 EMPLOYEES . . . . .	-	-	-	-	-	-	-	-	-	-	-
10 TO 19 EMPLOYEES . . . . .	4	.3	1.9	.2	.4	1.0	3.5	4.5	7.3	28.3	2.2
20 TO 49 EMPLOYEES . . . . .	-	-	-	-	-	-	-	-	-	-	-
50 TO 99 EMPLOYEES . . . . .	3	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
100 TO 249 EMPLOYEES . . . . .	48	8.0	49.8	7.0	14.8	40.8	153.2	243.9	402.0	(0)	156.2
250 TO 499 EMPLOYEES . . . . .	9	3.2	16.6	2.9	5.1	14.5	53.1	94.6	151.4	7.4	33.9
500 TO 999 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1,000 TO 2,499 EMPLOYEES . . . . .	-	-	-	-	-	-	-	-	-	-	-
2,500 EMPLOYEES OR MORE . . . . .	-	-	-	-	-	-	-	-	-	-	-
2071-- CONFECTIONERY PRODUCTS											
ESTABLISHMENTS, TOTAL. . . . .	1 183	67.9	338.7	57.1	109.3	246.4	861.5	1 019.5	1 870.2	53.0	229.7
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	511	.9	3.6	.9	1.4	2.8	9.9	13.2	23.1	26.5	2.9
5 TO 9 EMPLOYEES . . . . .	113	.8	3.2	.7	1.2	2.4	8.0	10.4	18.6	.6	2.2
10 TO 19 EMPLOYEES . . . . .	135	1.9	7.8	1.6	3.0	5.8	18.2	27.3	45.4	.8	4.5
20 TO 49 EMPLOYEES . . . . .	186	5.8	24.2	4.7	8.9	16.7	56.2	78.7	134.1	2.9	15.0
50 TO 99 EMPLOYEES . . . . .	79	5.7	26.3	4.8	9.2	19.2	59.0	81.8	140.9	4.1	17.7
100 TO 249 EMPLOYEES . . . . .	95	14.7	71.5	12.4	24.3	53.4	181.4	241.3	421.7	8.3	46.5
250 TO 499 EMPLOYEES . . . . .	39	14.2	67.1	12.0	22.4	49.1	163.3	182.5	343.8	12.1	39.7
500 TO 999 EMPLOYEES . . . . .	16	11.3	53.9	9.6	18.0	39.6	155.1	155.2	308.8	7.6	37.7
1,000 TO 2,499 EMPLOYEES . . . . .	8	12.6	81.1	10.3	20.9	57.5	210.4	229.1	433.7	10.2	63.4
2,500 EMPLOYEES OR MORE . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN.RECORDS <sup>1</sup> .	499	1.2	4.4	1.2	1.8	3.4	11.4	14.3	25.7	.5	3.6
2072-- CHOCOLATE AND COCOA PRODUCTS											
ESTABLISHMENTS, TOTAL. . . . .	34	8.4	53.9	6.6	13.4	39.2	196.2	330.3	520.5	9.3	102.1
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	5	(2)	.2	(2)	(2)	(2)	.3	1.3	1.7	2(2)	.2
5 TO 9 EMPLOYEES . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
10 TO 19 EMPLOYEES . . . . .	4	.1	.3	(2)	.1	.2	.7	1.5	2.2	(2)	.2
20 TO 49 EMPLOYEES . . . . .	4	.1	1.1	.1	.2	.7	3.1	9.3	12.5	.3	1.9
50 TO 99 EMPLOYEES . . . . .	6	.4	3.0	.3	.8	1.9	7.5	37.2	44.2	.6	6.8
100 TO 249 EMPLOYEES . . . . .	7	1.3	9.1	1.0	2.0	6.0	30.5	71.6	99.4	4.5	14.5
250 TO 499 EMPLOYEES . . . . .	4	6.4	40.3	5.2	10.3	30.3	154.0	209.5	360.7	3.9	78.6
500 TO 999 EMPLOYEES . . . . .	-	-	-	-	-	-	-	-	-	-	-
1,000 TO 2,499 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2,500 EMPLOYEES OR MORE . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN.RECORDS <sup>1</sup> .	3	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2073-- CHEWING GUM											
ESTABLISHMENTS, TOTAL. . . . .	23	6.8	41.6	4.9	9.7	26.5	190.3	115.1	303.7	13.3	63.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	4	(2)	.4	(2)	.1	.3	1.2	2.1	3.0	2(2)	.8
5 TO 9 EMPLOYEES . . . . .	-	-	-	-	-	-	-	-	-	-	-
10 TO 19 EMPLOYEES . . . . .	3	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
20 TO 49 EMPLOYEES . . . . .	3	.1	.5	.1	.2	.4	1.2	1.2	2.5	.1	.4
50 TO 99 EMPLOYEES . . . . .	1	.5	3.1	.5	.8	2.2	16.7	13.9	30.4	.6	5.4
100 TO 249 EMPLOYEES . . . . .	3	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
250 TO 499 EMPLOYEES . . . . .	5	1.7	10.0	1.3	2.6	6.5	42.6	30.8	72.4	7.1	15.9
500 TO 999 EMPLOYEES . . . . .	2	4.5	27.6	3.0	5.9	17.2	128.7	67.1	195.3	5.4	41.2
1,000 TO 2,499 EMPLOYEES . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2,500 EMPLOYEES OR MORE . . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN.RECORDS <sup>1</sup> .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

See footnotes at end of table.



TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)											
Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					
2082-- MALT LIQUORS											
ESTABLISHMENTS, TOTAL . . . . .	185	59.6	519.7	40.0	76.8	331.4	1 545.7	1 383.6	2 929.7	172.9	166.5
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	22	(2)	.2	(2)	(2)	.1	.6	.4	1.0	41.0	.1
5 TO 9 EMPLOYEES . . . . .	5	(2)	.2	(2)	.1	.1	.5	.5	1.0	.2	.1
10 TO 19 EMPLOYEES . . . . .	8	.1	.7	.1	.1	.4	1.5	1.7	3.2	(0)	.2
20 TO 49 EMPLOYEES . . . . .	23	2.4	14.3	1.6	3.2	9.0	37.5	32.8	70.3	2.1	5.3
50 TO 99 EMPLOYEES . . . . .	22	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
100 TO 249 EMPLOYEES . . . . .	40	6.8	52.0	4.4	9.0	32.7	167.3	150.6	318.1	13.0	18.3
250 TO 499 EMPLOYEES . . . . .	32	11.3	94.1	8.1	15.8	64.9	286.6	300.2	587.3	25.7	30.5
500 TO 999 EMPLOYEES . . . . .	21	14.2	124.7	9.3	18.7	80.0	345.9	333.5	678.4	30.2	32.2
1,000 TO 2,499 EMPLOYEES . . . . .	9	15.3	148.2	9.7	17.9	84.1	440.0	331.3	772.0	51.5	55.2
2,500 EMPLOYEES OR MORE . . . . .	3	9.5	85.2	6.8	12.1	60.1	265.8	232.6	498.4	9.1	24.6
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> . .	15	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2083-- MALT											
ESTABLISHMENTS, TOTAL . . . . .	43	2.0	17.1	1.5	3.1	12.7	47.5	168.5	216.5	7.1	87.9
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	4	(2)	.1	(2)	(2)	(2)	.2	.4	.7	.1	1.5
5 TO 9 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
10 TO 19 EMPLOYEES . . . . .	8	.1	1.1	.1	.2	.8	2.3	7.8	10.1	(0)	3.0
20 TO 49 EMPLOYEES . . . . .	15	.5	4.8	.4	.8	3.5	11.2	43.2	55.0	.8	20.8
50 TO 99 EMPLOYEES . . . . .	11	.8	6.6	.6	1.2	4.9	19.8	63.3	81.9	1.6	30.9
100 TO 249 EMPLOYEES . . . . .	4	.6	4.5	.4	.8	3.4	14.0	53.8	68.6	4.5	31.5
250 TO 499 EMPLOYEES . . . . .	-	-	-	-	-	-	-	-	-	-	-
500 TO 999 EMPLOYEES . . . . .	-	-	-	-	-	-	-	-	-	-	-
1,000 TO 2,499 EMPLOYEES . . . . .	-	-	-	-	-	-	-	-	-	-	-
2,500 EMPLOYEES OR MORE . . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2084-- WINES, BRANDY, AND BRANDY SPIRITS											
ESTABLISHMENTS, TOTAL . . . . .	205	6.8	47.3	4.3	8.6	25.1	196.8	235.8	410.2	10.3	162.3
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	60	.1	.5	.1	.1	.4	1.4	2.0	3.7	.1	1.5
5 TO 9 EMPLOYEES . . . . .	35	.2	1.5	.2	.3	1.0	4.5	7.4	13.3	.3	8.1
10 TO 19 EMPLOYEES . . . . .	42	.6	3.7	.4	.8	2.3	13.1	18.0	29.8	.9	14.3
20 TO 49 EMPLOYEES . . . . .	36	1.2	7.4	.8	1.6	4.3	30.6	37.4	65.2	1.6	26.4
50 TO 99 EMPLOYEES . . . . .	15	1.0	6.9	.6	1.2	3.7	23.9	38.1	58.5	1.2	29.2
100 TO 249 EMPLOYEES . . . . .	13	1.9	13.7	1.1	2.3	7.1	59.6	54.8	112.1	2.3	29.7
250 TO 499 EMPLOYEES . . . . .	3	1.7	13.5	1.1	2.2	6.4	63.8	77.8	127.6	3.9	53.0
500 TO 999 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1,000 TO 2,499 EMPLOYEES . . . . .	-	-	-	-	-	-	-	-	-	-	-
2,500 EMPLOYEES OR MORE . . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> . .	53	.1	.5	.1	.1	.4	1.3	1.7	3.0	.1	1.3
2085-- DISTILLED LIQUOR, EXCEPT BRANDY											
ESTABLISHMENTS, TOTAL . . . . .	112	19.4	141.6	15.6	31.9	104.0	736.7	639.3	1 364.2	27.0	791.2
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	10	(2)	.2	(2)	(2)	.2	.7	1.8	2.4	.4	.6
5 TO 9 EMPLOYEES . . . . .	3	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
10 TO 19 EMPLOYEES . . . . .	4	.1	.3	(2)	.1	.1	2.6	2.7	5.3	(0)	.3
20 TO 49 EMPLOYEES . . . . .	25	.8	5.0	.6	1.2	3.1	29.1	41.6	71.1	.7	14.8
50 TO 99 EMPLOYEES . . . . .	23	1.6	10.6	1.2	2.3	6.6	46.7	74.8	120.1	3.3	45.3
100 TO 249 EMPLOYEES . . . . .	23	3.7	25.4	2.8	5.7	17.5	123.5	141.9	263.8	3.2	143.8
250 TO 499 EMPLOYEES . . . . .	13	4.6	35.1	3.7	7.4	23.8	162.6	124.9	280.0	7.0	265.7
500 TO 999 EMPLOYEES . . . . .	9	8.6	65.0	7.3	15.2	52.6	371.7	251.7	621.6	12.4	320.8
1,000 TO 2,499 EMPLOYEES . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2,500 EMPLOYEES OR MORE . . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> . .	6	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2086-- BOTTLED AND CANNED SOFT DRINKS											
ESTABLISHMENTS, TOTAL . . . . .	3 400	123.3	726.7	46.6	95.3	219.3	1 679.4	1 506.0	3 173.2	168.1	186.8
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	719	1.3	6.5	1.1	1.2	2.2	20.4	17.4	37.8	26.5	2.5
5 TO 9 EMPLOYEES . . . . .	330	2.3	11.6	1.1	2.1	4.6	25.6	23.5	49.1	3.5	4.0
10 TO 19 EMPLOYEES . . . . .	660	9.5	47.3	4.3	8.6	17.1	109.7	102.0	211.0	7.8	15.0
20 TO 49 EMPLOYEES . . . . .	1 031	32.2	170.9	13.1	26.4	54.8	386.0	351.4	733.8	38.2	45.2
50 TO 99 EMPLOYEES . . . . .	386	26.4	152.7	10.0	20.9	47.2	356.4	345.5	699.2	35.0	38.3
100 TO 249 EMPLOYEES . . . . .	231	34.5	215.5	11.4	24.2	60.6	514.1	449.5	960.0	53.0	54.1
250 TO 499 EMPLOYEES . . . . .	34	11.4	82.7	4.0	8.5	23.9	175.3	165.6	339.9	17.9	18.5
500 TO 999 EMPLOYEES . . . . .	8	5.8	39.5	1.7	3.4	8.9	91.9	51.1	142.3	6.3	9.2
1,000 TO 2,499 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2,500 EMPLOYEES OR MORE . . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> . .	770	1.8	8.9	1.2	1.7	3.0	25.0	21.5	46.5	.9	3.2

See footnotes at end of table.

TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					
		(number)	(1,000)	(million dollars)	(1,000)	(millions)					
2087-- FLAVORING EXTRACTS AND SIRUPS, NEC											
ESTABLISHMENTS, TOTAL . . . . .	431	9.7	73.0	5.5	11.0	33.0	584.0	429.8	<sup>3</sup> 1 009.1	17.4	113.3
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	198	.3	2.2	.3	.4	1.1	6.7	7.5	<sup>3</sup> 14.2	<sup>2</sup> .2	1.8
5 TO 9 EMPLOYEES . . . . .	68	.5	3.4	.3	.5	1.4	9.2	12.0	<sup>3</sup> 21.2	.4	2.1
10 TO 19 EMPLOYEES . . . . .	55	.8	5.6	.4	.9	2.5	20.5	22.1	<sup>3</sup> 42.7	.4	3.8
20 TO 49 EMPLOYEES . . . . .	61	1.9	14.1	1.0	1.9	5.4	104.2	58.0	<sup>3</sup> 161.8	3.0	13.4
50 TO 99 EMPLOYEES . . . . .	23	1.5	10.5	.8	1.7	4.6	95.1	74.9	<sup>3</sup> 168.3	2.8	13.8
100 TO 249 EMPLOYEES . . . . .	22	3.0	21.8	1.8	3.6	10.4	187.8	147.2	<sup>3</sup> 334.1	6.3	58.0
250 TO 499 EMPLOYEES . . . . .	3	1.8	15.4	.9	2.0	7.7	160.3	108.0	<sup>3</sup> 266.9	4.3	20.3
500 TO 999 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1,000 TO 2,499 EMPLOYEES . . . . .	-	-	-	-	-	-	-	-	-	-	-
2,500 EMPLOYEES OR MORE . . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> .	167	.2	1.5	.2	.3	.8	4.9	5.3	10.3	.2	1.3
2091-- COTTONSEED OIL MILLS											
ESTABLISHMENTS, TOTAL . . . . .	150	5.4	26.5	4.2	9.4	17.1	65.4	338.8	405.9	4.9	99.4
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	16	(2)	.1	(2)	.1	.1	.2	.8	1.0	(2)	.2
5 TO 9 EMPLOYEES . . . . .	7	(2)	.2	(2)	.1	.2	2.8	4.4	7.1	(0)	.6
10 TO 19 EMPLOYEES . . . . .	15	.2	1.2	.2	.5	.8	4.2	20.0	24.4	.1	2.4
20 TO 49 EMPLOYEES . . . . .	81	2.6	11.4	2.0	4.5	7.5	20.9	136.3	158.3	2.3	28.7
50 TO 99 EMPLOYEES . . . . .	23	1.5	7.0	1.2	2.6	4.7	18.2	97.6	116.3	1.6	27.8
100 TO 249 EMPLOYEES . . . . .	8	1.1	6.6	.8	1.7	3.8	19.1	79.6	98.7	1.0	39.6
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> .	12	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2092-- SOYBEAN OIL MILLS											
ESTABLISHMENTS, TOTAL . . . . .	102	8.0	54.9	5.5	12.2	34.4	215.4	1 933.4	2 148.3	21.2	347.7
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	13	(2)	.1	(2)	(2)	.1	(2)	2.3	3.0	(2)	.3
5 TO 9 EMPLOYEES . . . . .	5	(2)	.2	(2)	.1	.1	.2	3.0	3.2	(0)	.3
10 TO 19 EMPLOYEES . . . . .	6	.1	.6	.1	.2	.4	2.3	25.8	27.7	.1	4.3
20 TO 49 EMPLOYEES . . . . .	24	.9	6.2	.7	1.6	4.5	29.0	316.0	346.5	1.5	38.5
50 TO 99 EMPLOYEES . . . . .	31	2.2	14.1	1.5	3.3	8.6	50.5	698.3	753.1	9.7	109.2
100 TO 249 EMPLOYEES . . . . .	16	2.2	14.1	1.5	3.3	8.9	66.5	549.4	611.5	3.9	151.9
250 TO 499 EMPLOYEES . . . . .	6	2.7	19.5	1.7	3.8	11.8	66.9	328.7	403.4	5.8	43.3
500 TO 999 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> .	9	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2093-- VEGETABLE OIL MILLS, NEC											
ESTABLISHMENTS, TOTAL . . . . .	41	1.7	10.8	1.4	3.1	7.9	41.8	198.2	236.7	1.9	51.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	7	(2)	.1	(2)	(2)	.1	.2	1.2	1.4	.1	.2
5 TO 9 EMPLOYEES . . . . .	3	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
10 TO 19 EMPLOYEES . . . . .	13	.2	1.2	.1	.3	.8	6.4	16.6	23.4	(0)	3.3
20 TO 49 EMPLOYEES . . . . .	5	.1	.8	.1	.2	.6	4.6	9.6	14.3	.2	3.1
50 TO 99 EMPLOYEES . . . . .	7	.5	3.9	.4	.8	2.7	15.6	101.7	114.5	.3	22.4
100 TO 249 EMPLOYEES . . . . .	6	.8	4.7	.7	1.7	3.7	15.1	69.1	83.0	1.2	22.1
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> .	4	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2094-- ANIMAL AND MARINE FATS AND OILS											
ESTABLISHMENTS, TOTAL . . . . .	588	13.7	91.3	9.5	21.7	58.2	206.0	349.1	557.9	21.7	28.9
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	132	.3	1.8	.3	.5	1.3	5.2	6.9	12.0	.3	.7
5 TO 9 EMPLOYEES . . . . .	103	.7	4.4	.6	1.3	3.0	11.9	16.2	27.9	.6	1.0
10 TO 19 EMPLOYEES . . . . .	127	1.8	11.4	1.3	3.1	7.8	24.7	37.5	62.2	2.3	2.8
20 TO 49 EMPLOYEES . . . . .	157	4.8	31.3	3.4	7.9	20.0	78.5	129.1	207.1	8.1	12.2
50 TO 99 EMPLOYEES . . . . .	51	3.5	22.0	2.4	5.4	13.6	49.0	68.1	117.7	3.7	5.8
100 TO 249 EMPLOYEES . . . . .	18	2.6	20.5	1.6	3.6	12.5	36.7	91.2	131.0	6.8	6.4
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> .	86	.2	1.2	.2	.3	.9	3.1	3.3	6.5	.1	.4

See footnotes at end of table.



TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967-Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					
2096-- SHORTENING AND COOKING OILS											
ESTABLISHMENTS, TOTAL. . . . .	115	15.0	113.2	10.5	22.7	74.0	390.7	1 325.0	1 725.6	29.3	164.3
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	7	(Z)	.1	(Z)	(Z)	.1	.4	1.1	1.5	(Z)	(Z)
5 TO 9 EMPLOYEES . . . . .	6	(Z)	.3	(Z)	(Z)	.1	.7	2.5	3.1	(D)	.2
10 TO 19 EMPLOYEES . . . . .	10	.1	.9	.1	.2	.6	2.0	11.8	13.5	.2	.9
20 TO 49 EMPLOYEES . . . . .	17	.6	4.3	.4	.9	2.5	11.3	46.4	59.4	.4	3.3
50 TO 99 EMPLOYEES . . . . .	26	1.9	13.0	1.3	2.7	8.0	43.4	176.1	220.5	1.5	19.2
100 TO 249 EMPLOYEES . . . . .	30	4.9	37.4	3.5	7.5	24.8	135.8	514.3	649.8	15.9	63.6
250 TO 499 EMPLOYEES . . . . .	15	4.7	34.0	3.4	7.5	22.9	136.9	416.3	562.8	6.5	51.0
500 TO 999 EMPLOYEES . . . . .	3	2.8	23.2	1.8	3.9	14.9	60.3	156.5	215.1	4.7	26.0
1,000 TO 2,499 EMPLOYEES . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN.RECORDS <sup>1</sup>	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2095-- ROASTED COFFEE											
ESTABLISHMENTS, TOTAL. . . . .	268	16.3	119.5	9.4	19.0	62.1	726.4	1 373.7	2 092.2	50.0	155.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	63	.1	.8	.1	.1	.4	2.5	9.1	11.6	.1	.6
5 TO 9 EMPLOYEES . . . . .	43	.3	1.7	.2	.3	.8	4.8	14.9	19.7	.1	1.5
10 TO 19 EMPLOYEES . . . . .	36	.5	3.5	.3	.6	1.5	8.6	36.8	45.6	.2	2.2
20 TO 49 EMPLOYEES . . . . .	60	1.9	12.3	.9	1.7	4.7	44.7	130.0	174.7	1.0	11.9
50 TO 99 EMPLOYEES . . . . .	26	1.8	12.1	.9	1.9	4.9	70.2	187.7	259.3	4.3	16.3
100 TO 249 EMPLOYEES . . . . .	25	4.0	30.1	2.2	4.6	14.8	166.8	345.6	512.9	33.2	40.9
250 TO 499 EMPLOYEES . . . . .	9	4.7	36.0	2.8	5.8	21.5	251.8	356.8	603.9	(D)	42.3
500 TO 999 EMPLOYEES . . . . .	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1,000 TO 2,499 EMPLOYEES . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2,500 EMPLOYEES OR MORE . . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN.RECORDS <sup>1 e</sup>	39	.1	.4	.1	.1	.2	1.0	2.2	3.2	(Z)	.3
2097-- MANUFACTURED ICE											
ESTABLISHMENTS, TOTAL. . . . .	947	7.9	38.0	5.4	10.4	23.2	75.7	24.1	99.5	4.8	2.4
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	446	.8	3.8	.7	1.1	2.4	9.6	4.4	14.0	2.6	.3
5 TO 9 EMPLOYEES . . . . .	226	1.5	6.8	1.1	2.1	4.3	13.7	4.9	18.5	.9	.3
10 TO 19 EMPLOYEES . . . . .	166	2.2	10.0	1.5	2.9	6.1	18.2	6.1	24.3	1.3	.5
20 TO 49 EMPLOYEES . . . . .	100	2.8	14.3	1.8	3.4	8.1	27.4	6.9	34.2	1.6	1.1
50 TO 99 EMPLOYEES . . . . .	8	.5	3.2	.4	.9	2.3	6.7	1.8	8.5	.3	.3
100 TO 249 EMPLOYEES . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	(D)
250 TO 499 EMPLOYEES . . . . .	-	-	-	-	-	-	-	-	-	-	-
500 TO 999 EMPLOYEES . . . . .	-	-	-	-	-	-	-	-	-	-	-
1,000 TO 2,499 EMPLOYEES . . . . .	-	-	-	-	-	-	-	-	-	-	-
2,500 EMPLOYEES OR MORE . . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN.RECORDS <sup>1 e</sup>	294	.4	1.8	.4	.6	1.2	5.5	2.8	8.3	(Z)	.1
2098-- MACARONI AND SPAGHETTI											
ESTABLISHMENTS, TOTAL. . . . .	205	7.5	43.2	5.4	11.0	25.4	119.7	148.6	266.0	5.2	20.9
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	75	.1	.5	.1	.2	.4	1.4	1.9	3.3	(Z)	.2
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	27	.2	.7	.1	.3	.5	1.8	2.3	4.1	.1	.2
10 TO 19 EMPLOYEES . . . . .	28	.4	1.7	.3	.5	1.1	3.4	5.1	8.6	.2	.4
20 TO 49 EMPLOYEES . . . . .	29	.9	3.9	.7	1.3	2.6	10.6	13.3	23.8	.4	1.4
50 TO 99 EMPLOYEES . . . . .	22	1.5	9.1	1.1	2.3	5.7	28.5	33.1	61.3	1.3	4.3
100 TO 249 EMPLOYEES . . . . .	20	3.1	18.2	2.1	4.5	9.9	48.4	61.0	108.4	2.0	8.8
250 TO 499 EMPLOYEES . . . . .	4	1.3	9.0	.9	1.9	5.2	25.7	31.8	56.5	1.2	5.6
500 TO 999 EMPLOYEES . . . . .	-	-	-	-	-	-	-	-	-	-	-
1,000 TO 2,499 EMPLOYEES . . . . .	-	-	-	-	-	-	-	-	-	-	-
2,500 EMPLOYEES OR MORE . . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN.RECORDS <sup>1 e</sup>	73	.1	.6	.1	.2	.5	1.8	2.4	4.1	(Z)	.2
2099-- FOOD PREPARATIONS, NEC											
ESTABLISHMENTS, TOTAL. . . . .	2 082	61.6	353.3	42.9	83.7	198.3	1 107.5	1 316.8	2 413.3	86.7	214.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	867	1.3	5.9	1.2	1.8	3.6	19.1	22.5	41.6	23.4	4.3
5 TO 9 EMPLOYEES . . . . .	266	1.9	9.3	1.4	2.5	5.2	23.6	33.2	56.6	1.1	4.9
10 TO 19 EMPLOYEES . . . . .	313	4.3	22.6	3.1	6.0	12.6	54.5	75.4	130.0	2.9	10.8
20 TO 49 EMPLOYEES . . . . .	344	11.0	55.7	8.0	15.1	33.2	163.4	219.6	383.6	9.5	37.2
50 TO 99 EMPLOYEES . . . . .	150	10.5	58.4	7.2	14.0	31.9	173.8	214.0	387.0	13.2	29.9
100 TO 249 EMPLOYEES . . . . .	103	15.6	96.0	10.5	20.5	52.5	303.4	323.9	625.1	20.5	50.9
250 TO 499 EMPLOYEES . . . . .	30	10.1	60.6	7.4	15.4	37.2	184.6	250.3	431.8	9.7	43.9
500 TO 999 EMPLOYEES . . . . .	7	6.9	44.8	3.9	8.2	22.0	184.9	177.6	357.6	26.3	32.1
1,000 TO 2,499 EMPLOYEES . . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2,500 EMPLOYEES OR MORE . . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN.RECORDS <sup>1 e</sup>	735	1.2	5.3	1.2	1.7	3.2	16.2	19.6	35.9	.3	4.1

See footnotes at end of table.

TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

(See Appendix, Explanation of Terms)											
Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of production (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number	Payroll	Number	Man-hours	Wages					
		(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					
2111-- CIGARETTES											
ESTABLISHMENTS: TOTAL . . . . .	16	36.6	221.3	32.8	62.7	187.6	1 639.6	1 405.4	3 044.6	33.8	1 423.6
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES . . . . .	1	16.0	94.6	14.4	26.9	80.8	729.4	632.3	1 362.0	16.3	159.2
5 TO 9 EMPLOYEES . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
10 TO 19 EMPLOYEES . . . . .	-	-	-	-	-	-	-	-	-	-	-
20 TO 49 EMPLOYEES . . . . .	-	-	-	-	-	-	-	-	-	-	-
50 TO 99 EMPLOYEES . . . . .	-	-	-	-	-	-	-	-	-	-	-
100 TO 249 EMPLOYEES . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
250 TO 499 EMPLOYEES . . . . .	-	-	-	-	-	-	-	-	-	-	-
500 TO 999 EMPLOYEES . . . . .	-	-	-	-	-	-	-	-	-	-	-
1,000 TO 2,499 EMPLOYEES . . . . .	9	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2,500 EMPLOYEES OR MORE . . . . .	4	20.6	126.7	18.4	35.8	106.7	910.2	773.1	1 682.6	17.6	1 264.4
2121-- CIGARS											
ESTABLISHMENTS: TOTAL . . . . .	148	19.0	71.2	17.2	31.7	58.8	195.8	168.0	363.7	5.4	54.5
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>a</sup> . . . . .	59	.1	.3	.1	.2	.2	.5	.4	.9	1.2	.2
5 TO 9 EMPLOYEES <sup>a</sup> . . . . .	15	.1	.3	.1	.2	.2	.6	.9	1.5	(D)	.2
10 TO 19 EMPLOYEES . . . . .	11	3.7	13.9	3.1	6.0	10.7	25.1	34.4	60.1	(D)	13.7
20 TO 49 EMPLOYEES . . . . .	15	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
50 TO 99 EMPLOYEES . . . . .	11	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
100 TO 249 EMPLOYEES . . . . .	13	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
250 TO 499 EMPLOYEES . . . . .	9	15.1	56.8	13.8	25.5	47.7	169.5	132.2	301.2	4.1	40.4
500 TO 999 EMPLOYEES . . . . .	13	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1,000 TO 2,499 EMPLOYEES . . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2,500 EMPLOYEES OR MORE . . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	68	.2	.6	.2	.3	.5	1.0	.9	1.9	(Z)	.4
2131-- CHEWING AND SMOKING TOBACCO											
ESTABLISHMENTS: TOTAL . . . . .	46	3.6	18.1	2.7	4.9	11.5	63.5	58.6	122.2	1.5	36.8
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>a</sup> . . . . .	12	(Z)	.1	(Z)	(Z)	.1	.2	.3	.5	(Z)	.2
5 TO 9 EMPLOYEES <sup>a</sup> . . . . .	5	(Z)	.2	(Z)	(Z)	.1	.4	.8	1.2	(D)	.1
10 TO 19 EMPLOYEES . . . . .	7	.1	.5	.1	.1	.3	.9	1.3	2.2	(D)	.8
20 TO 49 EMPLOYEES . . . . .	7	.4	2.3	.3	.5	1.3	13.8	9.4	23.0	.1	8.3
50 TO 99 EMPLOYEES . . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
100 TO 249 EMPLOYEES . . . . .	8	1.5	6.5	1.2	2.2	4.7	24.8	21.6	46.5	.9	11.3
250 TO 499 EMPLOYEES . . . . .	5	1.6	8.6	1.0	1.9	5.0	23.4	25.2	48.8	.4	16.2
500 TO 999 EMPLOYEES . . . . .	-	-	-	-	-	-	-	-	-	-	-
1,000 TO 2,499 EMPLOYEES . . . . .	-	-	-	-	-	-	-	-	-	-	-
2,500 EMPLOYEES OR MORE . . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup>	10	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2141-- TOBACCO STEMMING AND REORYING											
ESTABLISHMENTS: TOTAL . . . . .	119	15.9	66.2	13.5	26.2	45.7	133.1	1 239.7	1 373.1	12.2	863.0
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>a</sup> . . . . .	9	.2	1.1	.1	.4	.8	5.7	23.5	29.3	1.4	16.7
5 TO 9 EMPLOYEES <sup>a</sup> . . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
10 TO 19 EMPLOYEES . . . . .	12	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20 TO 49 EMPLOYEES . . . . .	26	.9	4.3	.7	1.7	3.0	9.5	33.5	42.9	.3	23.1
50 TO 99 EMPLOYEES . . . . .	20	1.3	6.0	1.1	2.4	4.3	9.1	37.4	47.9	1.0	20.1
100 TO 249 EMPLOYEES . . . . .	29	5.0	22.0	4.2	8.3	15.3	41.3	553.1	594.4	3.8	674.2
250 TO 499 EMPLOYEES . . . . .	16	8.5	32.7	7.3	13.4	22.3	67.2	592.2	658.6	5.9	129.0
500 TO 999 EMPLOYEES . . . . .	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1,000 TO 2,499 EMPLOYEES . . . . .	-	-	-	-	-	-	-	-	-	-	-
2,500 EMPLOYEES OR MORE . . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup>	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2211-- WEAVING MILLS: COTTON											
ESTABLISHMENTS: TOTAL . . . . .	393	202.8	938.4	189.3	398.0	831.5	1 624.0	1 759.1	3 327.7	171.5	646.5
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>a</sup> . . . . .	35	.1	.3	.1	.1	.3	.7	.8	1.5	3.0	.3
5 TO 9 EMPLOYEES <sup>a</sup> . . . . .	14	.1	.4	.1	.2	.3	1.6	1.8	3.4	.1	.6
10 TO 19 EMPLOYEES . . . . .	13	.2	1.0	.2	.3	.8	1.6	1.5	3.2	(Z)	.5
20 TO 49 EMPLOYEES . . . . .	24	.8	3.6	.7	1.4	3.0	5.4	8.4	14.7	.3	2.7
50 TO 99 EMPLOYEES . . . . .	15	1.1	5.1	1.0	2.1	4.3	8.3	8.3	17.1	3.3	1.8
100 TO 249 EMPLOYEES . . . . .	61	11.8	52.5	11.0	23.4	46.3	100.0	98.7	198.3	14.6	37.6
250 TO 499 EMPLOYEES . . . . .	98	35.9	164.4	33.8	71.0	145.5	282.1	293.7	562.6	26.6	101.7
500 TO 999 EMPLOYEES . . . . .	85	58.2	270.3	54.2	114.9	239.0	477.7	501.8	960.6	56.2	164.3
1,000 TO 2,499 EMPLOYEES . . . . .	43	62.0	288.9	57.9	122.5	256.8	492.3	538.1	1 012.6	50.9	222.0
2,500 EMPLOYEES OR MORE . . . . .	5	32.7	151.9	30.4	62.2	135.1	254.2	305.9	553.7	16.5	115.1
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	33	.1	.5	.1	.2	.4	1.8	2.3	4.1	.1	.8

See footnotes at end of table.



TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number	Payroll	Number	Man-hours	Wages					
		(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					
2221-- WEAVING MILLS, SYNTHETICS											
ESTABLISHMENTS, TOTAL . . . . .	396	108.6	528.8	98.3	209.3	445.6	921.6	1 365.5	2 289.6	111.1	385.7
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>a</sup> . . . . .	46	.1	.5	.1	.2	.4	1.8	2.5	4.3	.1	.8
5 TO 9 EMPLOYEES <sup>a</sup> . . . . .	8	.1	.3	(Z)	.1	.2	.8	.8	1.6	(Z)	.2
10 TO 19 EMPLOYEES . . . . .	30	.4	2.2	.4	.7	1.8	3.9	4.7	8.7	.1	.8
20 TO 49 EMPLOYEES . . . . .	34	1.2	6.1	1.1	2.2	4.9	13.6	15.2	28.7	1.2	3.8
50 TO 99 EMPLOYEES . . . . .	62	4.5	21.7	4.0	8.2	18.0	37.9	58.9	95.6	2.7	15.2
100 TO 249 EMPLOYEES . . . . .	63	9.8	48.9	8.8	18.4	40.7	76.4	152.0	232.6	2.3	36.1
250 TO 499 EMPLOYEES . . . . .	79	27.7	134.6	25.1	53.5	113.8	242.1	405.1	644.0	33.7	103.4
500 TO 999 EMPLOYEES . . . . .	56	37.9	184.1	34.4	73.4	156.3	327.7	412.3	738.4	55.7	118.0
1,000 TO 2,499 EMPLOYEES . . . . .	17	26.9	130.4	24.4	52.6	109.3	217.4	313.9	535.8	15.3	107.2
2,500 EMPLOYEES OR MORE . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	37	.1	.4	.1	.2	.3	.9	1.0	1.9	(Z)	.3
2231-- WEAVING AND FINISHING MILLS, WOOL											
ESTABLISHMENTS, TOTAL . . . . .	310	41.8	216.3	36.6	76.0	170.4	428.6	657.1	1 090.0	28.0	177.2
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>a</sup> . . . . .	54	.1	.4	.1	.1	.3	1.1	1.4	2.4	(Z)	.3
5 TO 9 EMPLOYEES <sup>a</sup> . . . . .	17	.1	.7	.1	.2	.5	3.1	5.6	8.6	(Z)	1.3
10 TO 19 EMPLOYEES . . . . .	22	.3	1.4	.3	.5	1.1	2.4	3.3	5.8	.1	.9
20 TO 49 EMPLOYEES . . . . .	64	2.0	10.3	1.8	3.5	8.0	17.4	12.6	30.3	1.0	2.4
50 TO 99 EMPLOYEES . . . . .	41	2.9	14.0	2.5	5.0	10.9	30.1	47.6	77.7	.8	8.8
100 TO 249 EMPLOYEES . . . . .	60	10.3	52.2	9.3	19.2	42.0	86.0	111.8	197.8	5.2	35.1
250 TO 499 EMPLOYEES . . . . .	35	12.2	62.7	10.5	21.8	48.7	126.5	187.4	317.7	5.8	51.0
500 TO 999 EMPLOYEES . . . . .	14	13.9	74.6	12.0	25.6	58.9	161.9	287.4	449.5	15.2	77.5
1,000 TO 2,499 EMPLOYEES . . . . .	3	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	56	.2	.7	.2	.3	.5	1.4	1.7	3.2	(Z)	.4
2231-11 MANUFACTURERS' OWN WOOL											
ESTABLISHMENTS, TOTAL . . . . .	212	36.5	189.3	31.8	66.4	148.5	387.2	635.9	1 027.9	25.8	171.2
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>a</sup> . . . . .	40	.1	.3	.1	.1	.2	.8	1.3	2.1	(Z)	.3
5 TO 9 EMPLOYEES <sup>a</sup> . . . . .	13	.1	.5	.1	.1	.4	2.9	5.5	8.3	(Z)	1.3
10 TO 19 EMPLOYEES . . . . .	12	.2	.8	.1	.3	.6	1.4	3.1	4.6	.2	.8
20 TO 49 EMPLOYEES . . . . .	23	.7	3.2	.6	1.1	2.4	6.1	8.4	14.9	(0)	1.7
50 TO 99 EMPLOYEES . . . . .	28	2.0	9.1	1.7	3.4	7.1	22.0	44.0	66.1	.5	8.2
100 TO 249 EMPLOYEES . . . . .	47	8.4	42.6	7.5	15.5	33.9	71.2	103.8	175.5	4.3	32.3
250 TO 499 EMPLOYEES . . . . .	32	11.3	58.3	9.7	20.2	45.0	120.9	182.4	307.0	5.6	49.2
500 TO 999 EMPLOYEES . . . . .	14	13.9	74.6	12.0	25.6	58.9	161.9	287.4	449.5	15.2	77.5
1,000 TO 2,499 EMPLOYEES . . . . .	3	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	39	.1	.4	.1	.1	.3	.9	1.6	2.5	(Z)	.3
2231-S1 COMMISSION MILLS											
ESTABLISHMENTS, TOTAL . . . . .	98	5.3	27.0	4.7	9.6	21.8	41.3	21.1	62.0	2.2	5.9
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>a</sup> . . . . .	14	(Z)	.1	(Z)	(Z)	.1	.3	.1	.3	-	(Z)
5 TO 9 EMPLOYEES <sup>a</sup> . . . . .	4	(Z)	.2	(Z)	.1	.1	.2	.1	.3	-	(Z)
10 TO 19 EMPLOYEES . . . . .	10	.1	.6	.1	.2	.5	1.1	.2	1.2	.9	.1
20 TO 49 EMPLOYEES . . . . .	41	1.3	7.1	1.2	2.3	5.5	11.3	4.2	15.4	(0)	.6
50 TO 99 EMPLOYEES . . . . .	13	.9	4.9	.8	1.7	3.9	8.1	3.6	11.6	.3	.6
100 TO 249 EMPLOYEES . . . . .	13	1.9	9.6	1.8	3.7	8.1	14.8	8.1	22.4	.9	2.8
250 TO 499 EMPLOYEES . . . . .	3	.9	4.4	.8	1.6	3.7	5.5	5.0	10.8	.1	1.7
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	17	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2241-- NARROW FABRIC MILLS											
ESTABLISHMENTS, TOTAL . . . . .	384	26.2	121.1	23.3	46.7	96.3	214.4	233.7	445.1	15.7	70.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>a</sup> . . . . .	74	.1	.7	.1	.2	.6	2.0	2.0	4.0	(Z)	.5
5 TO 9 EMPLOYEES <sup>a</sup> . . . . .	35	.3	1.3	.2	.4	1.0	2.5	2.2	4.6	.1	.5
10 TO 19 EMPLOYEES . . . . .	55	.8	3.9	.7	1.4	3.1	6.9	6.0	12.9	.2	1.3
20 TO 49 EMPLOYEES . . . . .	82	2.8	12.8	2.5	4.8	9.6	23.1	22.8	45.7	1.5	5.3
50 TO 99 EMPLOYEES . . . . .	58	4.2	18.7	3.9	7.8	15.3	35.9	39.9	75.8	1.4	10.0
100 TO 249 EMPLOYEES . . . . .	61	9.6	44.7	8.7	17.7	35.5	81.6	82.4	162.7	9.0	25.7
250 TO 499 EMPLOYEES . . . . .	13	4.0	18.2	3.6	7.6	15.1	35.4	46.7	81.0	2.9	13.2
500 TO 999 EMPLOYEES . . . . .	5	4.3	20.8	3.7	6.9	16.2	27.0	31.7	58.4	.6	13.5
1,000 TO 2,499 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	84	.3	1.2	.3	.4	1.0	2.7	2.1	4.8	(Z)	.7

See footnotes at end of table.

TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					
2251-- WOMEN'S HOSIERY, EXCEPT SOCKS											
ESTABLISHMENTS, TOTAL . . . . .	355	57.9	230.0	52.4	99.2	190.9	413.0	427.8	835.0	27.5	141.2
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>9</sup> . . . . .	38	.1	.3	.1	.1	.3	.5	1.5	2.1	.1	.2
5 TO 9 EMPLOYEES <sup>9</sup> . . . . .	23	.2	.6	.1	.2	.5	1.0	1.5	2.5	.1	.3
10 TO 19 EMPLOYEES <sup>9</sup> . . . . .	37	.5	2.2	.5	.9	1.8	3.9	4.7	8.6	.5	.7
20 TO 49 EMPLOYEES <sup>9</sup> . . . . .	74	2.6	10.4	2.3	4.3	8.4	20.1	23.3	43.6	2.7	3.1
50 TO 99 EMPLOYEES <sup>9</sup> . . . . .	59	4.1	15.3	3.7	6.9	12.6	25.7	29.6	55.7	1.8	6.8
100 TO 249 EMPLOYEES <sup>9</sup> . . . . .	58	8.8	35.0	8.0	15.3	28.6	62.7	77.8	142.1	7.3	19.2
250 TO 499 EMPLOYEES <sup>9</sup> . . . . .	42	14.5	55.8	13.3	25.8	47.5	97.3	116.8	210.8	7.4	28.3
500 TO 999 EMPLOYEES <sup>9</sup> . . . . .	13	9.0	35.5	8.4	15.3	30.4	55.4	58.3	112.5	4.7	23.4
1,000 TO 2,499 EMPLOYEES <sup>9</sup> . . . . .	10	18.2	74.8	16.0	30.3	61.0	146.5	114.3	257.0	3.0	59.1
2,500 EMPLOYEES OR MORE . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>10</sup>	54	.2	.9	.2	.4	.8	1.5	2.2	3.7	.1	.5
2252-- HOSIERY, NEC											
ESTABLISHMENTS, TOTAL . . . . .	448	39.0	136.9	35.8	64.5	113.2	230.7	322.2	550.1	9.4	92.2
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>9</sup> . . . . .	70	.2	.5	.2	.3	.4	1.0	1.7	2.6	(2)	.3
5 TO 9 EMPLOYEES <sup>9</sup> . . . . .	40	.3	.9	.3	.4	.8	1.5	2.4	3.9	.1	.5
10 TO 19 EMPLOYEES <sup>9</sup> . . . . .	48	.7	2.3	.7	1.1	2.0	4.0	4.5	8.4	.2	.6
20 TO 49 EMPLOYEES <sup>9</sup> . . . . .	106	3.7	12.2	3.4	5.7	9.8	21.2	29.3	50.5	.9	4.8
50 TO 99 EMPLOYEES <sup>9</sup> . . . . .	63	4.5	15.2	4.1	7.4	12.7	25.4	24.9	51.0	1.1	7.4
100 TO 249 EMPLOYEES <sup>9</sup> . . . . .	74	11.6	40.5	10.6	19.1	33.4	61.9	82.7	144.0	2.9	21.8
250 TO 499 EMPLOYEES <sup>9</sup> . . . . .	39	13.6	48.4	12.5	22.9	40.5	85.8	108.1	192.6	3.2	32.0
500 TO 999 EMPLOYEES <sup>9</sup> . . . . .	8	4.6	16.9	4.1	7.6	13.8	30.0	68.6	97.0	1.0	24.9
ESTABS. COVERED BY ADMIN. RECORDS <sup>10</sup>	105	.4	1.3	.4	.7	1.1	2.1	3.9	6.0	.1	.8
2253-- KNIT OUTERWEAR MILLS											
ESTABLISHMENTS, TOTAL . . . . .	1 179	73.8	343.5	64.2	122.3	261.4	604.9	685.0	1 288.0	28.5	176.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>9</sup> . . . . .	202	.4	1.9	.4	.6	1.4	5.1	8.0	13.2	.5	1.1
5 TO 9 EMPLOYEES <sup>9</sup> . . . . .	123	.8	4.7	.8	1.3	3.2	13.2	28.2	41.6	.8	3.4
10 TO 19 EMPLOYEES <sup>9</sup> . . . . .	204	3.0	15.4	2.6	4.8	11.0	31.5	48.3	79.4	1.9	6.3
20 TO 49 EMPLOYEES <sup>9</sup> . . . . .	322	10.2	50.9	9.0	17.4	39.6	85.9	94.8	181.7	4.0	15.6
50 TO 99 EMPLOYEES <sup>9</sup> . . . . .	148	10.3	48.8	9.2	17.3	39.0	85.5	77.1	160.7	4.6	16.1
100 TO 249 EMPLOYEES <sup>9</sup> . . . . .	118	17.3	75.7	15.5	29.1	60.1	124.3	112.7	236.9	4.8	27.2
250 TO 499 EMPLOYEES <sup>9</sup> . . . . .	45	15.3	70.8	13.3	25.2	56.5	119.5	121.0	241.4	4.1	35.9
500 TO 999 EMPLOYEES <sup>9</sup> . . . . .	11	7.6	35.5	6.4	12.1	22.7	54.7	67.4	124.1	2.6	25.8
1,000 TO 2,499 EMPLOYEES <sup>9</sup> . . . . .	6	8.9	41.7	7.2	14.5	27.7	85.3	127.4	208.9	5.4	45.2
ESTABS. COVERED BY ADMIN. RECORDS <sup>10</sup>	211	.7	3.2	.7	1.1	2.4	6.0	6.6	12.7	.4	1.1
2253-11 MANUFACTURERS											
ESTABLISHMENTS, TOTAL . . . . .	565	45.3	204.0	39.9	75.6	156.0	337.9	376.3	715.0	15.0	116.1
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>9</sup> . . . . .	138	.3	1.2	.3	.4	1.0	2.1	1.4	3.5	.3	.3
5 TO 9 EMPLOYEES <sup>9</sup> . . . . .	75	.5	2.4	.5	.8	1.8	5.6	5.6	11.3	.3	1.4
10 TO 19 EMPLOYEES <sup>9</sup> . . . . .	72	1.0	4.8	.9	1.7	3.7	8.7	5.8	14.5	.7	1.2
20 TO 49 EMPLOYEES <sup>9</sup> . . . . .	97	3.2	15.3	2.9	5.3	12.1	25.3	23.3	48.8	1.1	4.2
50 TO 99 EMPLOYEES <sup>9</sup> . . . . .	65	4.7	21.0	4.2	7.9	17.4	34.1	33.8	67.9	1.9	7.7
100 TO 249 EMPLOYEES <sup>9</sup> . . . . .	69	10.2	45.3	9.2	16.9	35.1	74.7	79.4	154.2	2.7	19.2
250 TO 499 EMPLOYEES <sup>9</sup> . . . . .	34	25.4	113.9	22.0	42.5	84.8	187.4	227.0	414.9	8.0	82.2
500 TO 999 EMPLOYEES <sup>9</sup> . . . . .	11	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1,000 TO 2,499 EMPLOYEES <sup>9</sup> . . . . .	4	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2253-22 CONVERTERS											
ESTABLISHMENTS, TOTAL . . . . .	161	7.3	42.1	4.9	9.7	23.0	131.5	279.4	408.5	4.7	52.9
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>9</sup> . . . . .	44	.1	.5	.1	.1	.3	2.8	6.5	9.4	.2	.8
5 TO 9 EMPLOYEES <sup>9</sup> . . . . .	22	.2	1.3	.1	.2	.7	6.2	22.3	28.7	.2	2.0
10 TO 19 EMPLOYEES <sup>9</sup> . . . . .	36	.5	3.7	.4	.7	1.8	12.5	40.0	52.2	.5	4.7
20 TO 49 EMPLOYEES <sup>9</sup> . . . . .	36	1.1	7.6	.7	1.4	3.9	22.8	63.7	87.4	.7	9.8
50 TO 99 EMPLOYEES <sup>9</sup> . . . . .	10	.7	4.3	.4	.6	1.4	17.0	36.1	51.6	.1	5.9
100 TO 249 EMPLOYEES <sup>9</sup> . . . . .	8	1.2	5.5	.9	2.0	3.9	13.3	25.1	38.3	.2	6.2
250 TO 499 EMPLOYEES <sup>9</sup> . . . . .	3	3.7	19.2	2.4	4.7	10.9	56.9	85.6	140.9	2.9	23.6
1,000 TO 2,499 EMPLOYEES <sup>9</sup> . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

See footnote at end of table.



TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					
2253-33 CONTRACTORS											
ESTABLISHMENTS: TOTAL . . . . .	453	21.1	97.5	19.5	37.1	82.4	135.5	29.3	164.5	8.7	7.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>o</sup> . . . . .	20	(Z)	.2	(Z)	.1	.2	.3	.1	.3	-	(Z)
5 TO 9 EMPLOYEES <sup>o</sup> . . . . .	26	.2	1.0	.2	.3	.8	1.4	.2	1.6	.2	.1
10 TO 19 EMPLOYEES <sup>o</sup> . . . . .	96	1.4	6.9	1.3	2.4	5.5	10.2	2.5	12.8	.8	.5
20 TO 49 EMPLOYEES <sup>o</sup> . . . . .	189	6.0	28.0	5.5	10.7	23.6	37.7	7.8	45.5	2.1	1.5
50 TO 99 EMPLOYEES <sup>o</sup> . . . . .	73	4.9	23.5	4.6	8.8	20.2	34.3	7.2	41.2	2.6	2.5
100 TO 249 EMPLOYEES <sup>o</sup> . . . . .	41	5.8	24.9	5.4	10.3	21.1	36.3	8.3	44.4	1.8	1.8
250 TO 499 EMPLOYEES <sup>o</sup> . . . . .	8	2.7	13.0	2.5	4.6	11.0	15.2	3.2	18.6	1.1	1.2
2254-- KNIT UNDERWEAR MILLS											
ESTABLISHMENTS: TOTAL . . . . .	113	30.7	115.2	27.2	49.3	87.7	201.4	250.7	445.3	7.2	101.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>o</sup> . . . . .	8	(Z)	(Z)	(Z)	(Z)	(Z)	.1	.1	.2	-	(Z)
5 TO 9 EMPLOYEES <sup>o</sup> . . . . .	3	(Z)	.1	(Z)	(Z)	.1	.1	.1	(Z)	(Z)	(Z)
10 TO 19 EMPLOYEES <sup>o</sup> . . . . .	5	.1	.4	.1	.1	.3	.7	.2	.8	(D)	(Z)
20 TO 49 EMPLOYEES <sup>o</sup> . . . . .	14	.5	1.8	.4	.8	1.2	3.4	5.9	8.8	.2	2.0
50 TO 99 EMPLOYEES <sup>o</sup> . . . . .	23	1.8	6.9	1.7	3.1	5.5	9.5	12.9	22.4	.4	3.6
100 TO 249 EMPLOYEES <sup>o</sup> . . . . .	28	4.3	15.4	3.8	7.0	12.5	24.3	32.9	57.3	.6	11.8
250 TO 499 EMPLOYEES <sup>o</sup> . . . . .	17	5.4	19.2	4.8	8.9	15.8	36.5	42.1	77.2	.8	17.6
500 TO 999 EMPLOYEES <sup>o</sup> . . . . .	10	9.8	41.8	8.1	14.9	28.1	68.1	111.4	180.7	2.3	39.3
1,000 TO 2,499 EMPLOYEES <sup>o</sup> . . . . .	2	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
2,500 EMPLOYEES OR MORE <sup>o</sup> . . . . .	3	8.8	29.4	8.2	14.5	24.3	58.7	42.2	97.8	2.9	26.6
ESTABS. COVERED BY ADMIN. RECORDS <sup>10</sup> . . . . .	8	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2256-- KNIT FABRIC MILLS											
ESTABLISHMENTS: TOTAL . . . . .	541	36.3	197.5	30.7	65.5	145.6	441.8	925.2	1 362.2	45.5	166.5
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>o</sup> . . . . .	95	.2	1.3	.2	.4	.9	2.7	6.5	9.2	.3	.7
5 TO 9 EMPLOYEES <sup>o</sup> . . . . .	59	.4	2.8	.3	.7	1.9	7.1	16.1	22.8	.9	2.2
10 TO 19 EMPLOYEES <sup>o</sup> . . . . .	93	1.3	9.1	1.0	2.2	5.6	19.7	56.8	76.5	1.9	6.4
20 TO 49 EMPLOYEES <sup>o</sup> . . . . .	124	4.0	23.6	3.3	7.1	17.8	63.7	111.0	174.3	8.6	16.1
50 TO 99 EMPLOYEES <sup>o</sup> . . . . .	63	4.6	25.1	3.9	8.2	19.5	55.8	106.9	165.4	5.7	18.2
100 TO 249 EMPLOYEES <sup>o</sup> . . . . .	75	11.7	63.3	9.8	20.5	45.8	145.8	304.6	447.6	13.7	53.0
250 TO 499 EMPLOYEES <sup>o</sup> . . . . .	23	7.7	39.9	6.5	14.3	29.4	81.8	186.2	265.6	7.4	40.8
500 TO 999 EMPLOYEES <sup>o</sup> . . . . .	8	6.4	32.4	5.6	12.1	24.7	65.3	137.2	200.8	7.0	29.2
1,000 TO 2,499 EMPLOYEES <sup>o</sup> . . . . .	1	(D)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
ESTABS. COVERED BY ADMIN. RECORDS <sup>10</sup> . . . . .	81	.2	1.4	.2	.4	1.0	3.8	12.0	15.8	.5	1.2
2256-11 MANUFACTURERS											
ESTABLISHMENTS: TOTAL . . . . .	273	20.6	110.0	17.5	37.5	81.3	227.3	404.0	633.2	21.6	84.4
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>o</sup> . . . . .	70	.1	.9	.1	.2	.6	1.8	4.1	5.9	.2	.5
5 TO 9 EMPLOYEES <sup>o</sup> . . . . .	27	.2	1.1	.2	.4	.8	2.3	3.8	6.0	.4	.4
10 TO 19 EMPLOYEES <sup>o</sup> . . . . .	36	.5	3.8	.4	.9	2.4	7.2	12.3	19.5	.7	1.5
20 TO 49 EMPLOYEES <sup>o</sup> . . . . .	54	1.7	10.0	1.4	3.1	7.5	21.6	32.1	53.7	2.9	5.4
50 TO 99 EMPLOYEES <sup>o</sup> . . . . .	26	1.9	10.8	1.7	3.7	8.6	20.0	44.1	65.1	2.4	6.8
100 TO 249 EMPLOYEES <sup>o</sup> . . . . .	39	6.1	32.0	5.1	10.7	23.3	72.9	124.3	197.0	6.7	24.3
250 TO 499 EMPLOYEES <sup>o</sup> . . . . .	14	10.0	51.5	8.6	18.5	38.1	101.5	183.3	286.0	8.2	45.6
500 TO 999 EMPLOYEES <sup>o</sup> . . . . .	6	(D)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
1,000 TO 2,499 EMPLOYEES <sup>o</sup> . . . . .	1	(D)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
2256-22 CONVERTERS											
ESTABLISHMENTS: TOTAL . . . . .	136	10.3	58.6	8.5	18.3	41.1	173.3	504.7	671.2	19.3	79.2
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>o</sup> . . . . .	10	(Z)	.1	(Z)	(Z)	.1	.5	2.2	2.7	.3	.2
5 TO 9 EMPLOYEES <sup>o</sup> . . . . .	15	.1	.8	.1	.2	.5	3.5	12.2	15.3	(D)	1.7
10 TO 19 EMPLOYEES <sup>o</sup> . . . . .	30	.4	3.1	.3	.6	1.5	8.7	42.7	51.4	1.0	4.8
20 TO 49 EMPLOYEES <sup>o</sup> . . . . .	29	.9	5.9	.7	1.5	4.2	31.4	75.5	106.5	4.6	10.3
50 TO 99 EMPLOYEES <sup>o</sup> . . . . .	20	1.4	8.0	1.2	2.4	5.6	25.8	59.5	87.1	2.1	10.7
100 TO 249 EMPLOYEES <sup>o</sup> . . . . .	23	7.4	40.6	6.2	13.7	29.3	103.6	312.5	408.2	11.2	51.4
250 TO 499 EMPLOYEES <sup>o</sup> . . . . .	7	(D)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
500 TO 999 EMPLOYEES <sup>o</sup> . . . . .	2	(D)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)

See footnote at end of table.

TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

(See Appendix, Explanation of Items)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number	Payroll	Number	Man-hours	Wages					
		(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					
2256-33 CONTRACTORS											
ESTABLISHMENTS, TOTAL . . . . .	132	5.4	28.9	4.7	9.7	23.2	41.1	16.6	57.8	4.6	3.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	15	(Z)	.3	(Z)	.1	.2	.4	.2	.6	.3	(Z)
5 TO 9 EMPLOYEES . . . . .	17	.1	.9	.1	.2	.6	1.3	.1	1.5	(D)	(Z)
10 TO 19 EMPLOYEES . . . . .	27	.4	2.2	.3	.6	1.7	3.7	1.8	5.5	.2	.1
20 TO 49 EMPLOYEES . . . . .	41	1.4	7.6	1.2	2.6	6.2	10.7	3.4	14.0	1.0	.5
50 TO 99 EMPLOYEES . . . . .	17	1.2	6.4	1.1	2.1	5.3	10.0	3.3	13.3	1.2	.8
100 TO 249 EMPLOYEES . . . . .	13	2.3	11.6	2.0	4.1	9.2	15.0	7.7	22.9	2.0	1.7
250 TO 499 EMPLOYEES . . . . .	2	(D)	(O)	(O)	(O)	(D)	(D)	(D)	(O)	(D)	(D)
2259-- KNITTING MILLS, NEC											
ESTABLISHMENTS, TOTAL . . . . .	62	3.0	12.7	2.7	5.1	10.4	22.4	16.4	38.8	1.3	4.8
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>o</sup> . . . . .	17	(Z)	.2	(Z)	.1	.1	.6	.5	1.1	(Z)	.1
5 TO 9 EMPLOYEES <sup>o</sup> . . . . .	7	.1	.2	.1	.1	.2	.4	.3	.7	(Z)	.1
10 TO 19 EMPLOYEES . . . . .	7	.1	.4	.1	.1	.3	.6	.4	1.0	(Z)	.1
20 TO 49 EMPLOYEES . . . . .	16	.5	2.0	.4	.7	1.6	3.4	2.1	5.4	.7	.5
50 TO 99 EMPLOYEES . . . . .	9	.6	2.6	.6	1.0	1.9	3.4	4.2	7.7	(Z)	1.4
100 TO 249 EMPLOYEES . . . . .	4	1.7	7.4	1.6	3.1	6.2	14.1	8.9	23.0	.5	2.7
250 TO 499 EMPLOYEES . . . . .	1	(D)	(D)	(O)	(D)	(D)	(D)	(D)	(O)	(D)	(D)
500 TO 999 EMPLOYEES . . . . .	1	(D)	(D)	(D)	(D)	(D)	(O)	(O)	(D)	(D)	(O)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 o</sup>	17	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2261-- FINISHING PLANTS, COTTON											
ESTABLISHMENTS, TOTAL . . . . .	216	35.7	193.0	30.0	64.3	148.6	313.8	579.5	893.9	27.4	117.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>o</sup> . . . . .	42	.1	.5	.1	.2	.4	1.1	1.4	2.5	(Z)	.2
5 TO 9 EMPLOYEES <sup>o</sup> . . . . .	13	.1	.5	.1	.2	.4	1.2	.7	1.8	(Z)	.1
10 TO 19 EMPLOYEES . . . . .	25	.4	2.1	.3	.6	1.6	4.2	3.0	7.3	.2	.4
20 TO 49 EMPLOYEES . . . . .	42	1.4	7.6	1.2	2.4	5.9	12.8	13.8	26.6	.8	1.6
50 TO 99 EMPLOYEES . . . . .	29	2.0	12.8	1.7	3.6	9.6	21.3	15.3	36.4	1.4	1.6
100 TO 249 EMPLOYEES . . . . .	26	4.6	26.2	3.8	8.3	19.2	41.0	54.9	96.3	2.0	11.0
250 TO 499 EMPLOYEES . . . . .	15	5.6	28.3	4.8	10.2	22.4	46.6	56.5	103.1	4.8	15.8
500 TO 999 EMPLOYEES . . . . .	21	21.6	115.0	18.1	38.7	89.1	185.6	433.7	612.9	18.2	86.4
1,000 TO 2,499 EMPLOYEES . . . . .	1	(D)	(D)	(O)	(D)	(D)	(O)	(O)	(D)	(D)	(D)
2,500 EMPLOYEES OR MORE . . . . .	2	(D)	(O)	(O)	(O)	(D)	(D)	(D)	(O)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 o</sup>	33	.1	.4	.1	.1	.3	.7	.8	1.5	(Z)	.1
2261-11 FINISHING OWN FABRICS											
ESTABLISHMENTS, TOTAL . . . . .	46	8.9	48.3	7.7	17.0	38.7	80.9	399.1	481.9	9.0	83.2
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	10	(Z)	.2	(Z)	.2	.6	1.2	1.8	1.8	(Z)	.1
5 TO 9 EMPLOYEES . . . . .	2	(D)	(D)	(O)	(D)	(D)	(D)	(O)	(O)	(-)	(O)
10 TO 19 EMPLOYEES . . . . .	7	.1	.7	.1	.2	.4	1.5	1.7	3.2	(Z)	.2
20 TO 49 EMPLOYEES <sup>o</sup> . . . . .	9	.3	1.6	.3	.6	1.2	2.7	6.0	8.7	.2	.7
50 TO 99 EMPLOYEES <sup>o</sup> . . . . .	4	.3	1.7	.2	.5	1.4	2.7	1.5	4.2	(Z)	.2
100 TO 249 EMPLOYEES . . . . .	4	.7	4.8	.5	1.2	3.1	8.6	27.4	36.4	.4	4.4
250 TO 499 EMPLOYEES . . . . .	3	1.0	5.6	.9	1.8	4.2	7.0	26.6	34.0	.7	10.6
500 TO 999 EMPLOYEES . . . . .	6	6.4	33.6	5.7	12.6	28.3	57.7	334.7	393.5	7.5	67.0
1,000 TO 2,499 EMPLOYEES . . . . .	1	(D)	(O)	(O)	(O)	(D)	(D)	(D)	(O)	(D)	(D)
2,500 EMPLOYEES OR MORE . . . . .	1	(D)	(D)	(O)	(D)	(D)	(D)	(D)	(O)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 o</sup>	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(O)	(D)	(D)
2261-51 COMMISSION FINISHING											
ESTABLISHMENTS, TOTAL . . . . .	170	26.8	144.7	22.3	47.3	109.8	232.8	180.4	412.0	18.4	33.7
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	32	.2	.9	.2	.2	.6	1.7	.7	2.5	(Z)	.2
5 TO 9 EMPLOYEES <sup>o</sup> . . . . .	11	(D)	(O)	(O)	(D)	(D)	(D)	(O)	(D)	(O)	(D)
10 TO 19 EMPLOYEES . . . . .	18	.2	1.4	.2	.5	1.1	2.7	1.4	4.1	.1	.2
20 TO 49 EMPLOYEES . . . . .	33	1.0	6.0	.9	1.8	4.8	10.0	7.8	17.8	.6	.9
50 TO 99 EMPLOYEES . . . . .	25	1.7	11.1	1.4	3.2	8.2	18.5	13.7	32.2	1.4	1.4
100 TO 249 EMPLOYEES . . . . .	22	3.8	21.3	3.2	7.1	16.1	32.4	27.6	59.9	1.6	6.6
250 TO 499 EMPLOYEES . . . . .	12	4.6	22.7	4.0	8.4	18.2	39.6	29.9	69.0	4.1	5.2
500 TO 999 EMPLOYEES . . . . .	15	15.2	81.4	12.3	26.1	60.8	127.9	99.1	226.4	10.7	19.3
1,000 TO 2,499 EMPLOYEES . . . . .	1	(D)	(D)	(O)	(D)	(D)	(O)	(O)	(D)	(D)	(O)
2,500 EMPLOYEES OR MORE . . . . .	1	(D)	(D)	(O)	(D)	(D)	(D)	(D)	(O)	(D)	(O)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 o</sup>	26	.1	.4	.1	.1	.3	.6	.5	1.1	(Z)	.1

See footnotes at end of table.



TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					
2262-- FINISHING PLANTS; SYNTHETICS											
ESTABLISHMENTS: TOTAL . . . . .	233	25.7	159.4	21.4	47.8	119.9	271.4	280.8	550.2	20.2	50.0
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>o</sup> . . . . .	21	(2)	.3	(2)	.1	.2	.4	.4	.8	(2)	.
5 TO 9 EMPLOYEES . . . . .	14	.1	.7	.1	.2	.5	1.2	.5	1.7	(2)	(2)
10 TO 19 EMPLOYEES . . . . .	31	.5	2.8	.4	.8	2.1	5.3	2.9	8.2	.2	.4
20 TO 49 EMPLOYEES . . . . .	49	1.7	10.5	1.4	3.0	8.2	16.1	10.7	26.8	.9	1.0
50 TO 99 EMPLOYEES . . . . .	47	3.5	23.2	3.0	6.7	18.2	42.3	43.0	85.0	2.6	5.6
100 TO 249 EMPLOYEES . . . . .	44	7.1	47.9	6.0	13.6	37.6	82.6	47.9	129.7	4.5	8.4
250 TO 499 EMPLOYEES . . . . .	17	5.8	36.3	4.8	10.8	26.7	65.9	76.9	142.3	3.7	12.5
500 TO 999 EMPLOYEES . . . . .	9	7.0	37.7	5.6	12.6	26.4	57.7	98.4	155.6	8.3	22.1
1,000 TO 2,499 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS.COVEDER BY ADMIN.RECOROS <sup>1</sup> .	16	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2262-11 FINISHING OWN FABRICS											
ESTABLISHMENTS: TOTAL . . . . .	30	2.9	16.3	2.3	4.9	11.4	36.7	131.3	168.1	4.5	18.8
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>o</sup> . . . . .	5	(2)	(2)	(2)	(2)	(2)	(2)	.2	.3	(2)	(2)
5 TO 9 EMPLOYEES . . . . .	4	.1	.3	(2)	.1	.2	.7	1.0	1.7	(2)	(2)
10 TO 19 EMPLOYEES . . . . .	6	.2	1.1	.1	.3	.8	.7	2.5	3.2	.1	.1
20 TO 49 EMPLOYEES . . . . .	9	.7	4.2	.6	1.3	3.3	8.1	26.1	33.9	.8	3.6
50 TO 99 EMPLOYEES . . . . .	3	2.0	10.7	1.5	3.3	7.0	27.2	101.5	129.0	3.6	15.1
100 TO 249 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
250 TO 499 EMPLOYEES . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
500 TO 999 EMPLOYEES <sup>o</sup> . . . . .											
ESTABS.COVEDER BY ADMIN.RECORDS <sup>1</sup> .	4	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2262-51 COMMISSION FINISHING											
ESTABLISHMENTS: TOTAL . . . . .	203	22.9	143.2	19.1	42.9	108.6	234.7	149.5	382.1	15.7	31.2
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>o</sup> . . . . .	16	(2)	.2	(2)	.1	.2	.4	.2	.5	(2)	(2)
5 TO 9 EMPLOYEES . . . . .	14	.1	.7	.1	.2	.5	1.2	.5	1.7	(2)	(2)
10 TO 19 EMPLOYEES . . . . .	27	.4	2.5	.4	.7	1.9	4.6	2.0	6.5	.2	.4
20 TO 49 EMPLOYEES . . . . .	43	1.5	9.5	1.3	2.7	7.3	15.4	8.2	23.6	.8	.9
50 TO 99 EMPLOYEES . . . . .	38	2.8	19.0	2.4	5.5	14.8	34.2	16.9	51.0	1.8	2.0
100 TO 249 EMPLOYEES . . . . .	41	18.0	111.2	14.9	33.7	83.8	178.9	121.7	298.7	12.8	27.9
250 TO 499 EMPLOYEES . . . . .	16	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
500 TO 999 EMPLOYEES . . . . .	7	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1,000 TO 2,499 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS.COVEDER BY ADMIN.RECORDS <sup>1</sup> .	12	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2269-- FINISHING PLANTS; NEC											
ESTABLISHMENTS: TOTAL . . . . .	192	12.3	63.9	10.5	21.5	48.2	124.8	168.0	290.9	8.2	25.2
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>o</sup> . . . . .	38	.1	.4	.1	.1	.3	.8	1.7	2.5	.1	.2
5 TO 9 EMPLOYEES <sup>o</sup> . . . . .	24	.2	1.0	.1	.3	.8	1.6	1.9	3.5	.1	.2
10 TO 19 EMPLOYEES <sup>o</sup> . . . . .	25	.3	2.1	.3	.6	1.6	3.7	4.0	7.8	.2	.4
20 TO 49 EMPLOYEES . . . . .	40	1.2	6.9	1.1	2.2	5.3	14.2	13.2	27.3	1.0	1.5
50 TO 99 EMPLOYEES . . . . .	32	2.3	11.6	2.0	4.2	9.3	19.9	37.4	56.9	1.3	5.1
100 TO 249 EMPLOYEES . . . . .	20	3.1	14.6	2.7	5.4	11.1	26.0	44.0	69.6	1.3	6.4
250 TO 499 EMPLOYEES . . . . .	10	3.2	16.1	2.9	6.0	12.8	28.6	43.3	71.1	2.3	5.1
500 TO 999 EMPLOYEES . . . . .	3	1.9	11.3	1.3	2.8	7.1	30.0	22.5	52.4	1.9	6.3
ESTABS.COVEDER BY ADMIN.RECORDS <sup>1</sup> .	40	.1	.6	.1	.2	.5	1.2	2.4	3.5	.1	.2
2269-11 FINISHING OWN YARNS; ETC.											
ESTABLISHMENTS: TOTAL . . . . .	129	8.2	41.1	6.9	13.9	31.0	87.4	143.8	229.5	4.7	21.3
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES . . . . .	29	.1	.3	.1	.1	.2	.7	1.6	2.3	.2	.2
5 TO 9 EMPLOYEES <sup>o</sup> . . . . .	13	.1	.6	.1	.1	.4	1.0	1.6	2.5	(0)	.1
10 TO 19 EMPLOYEES <sup>o</sup> . . . . .	21	.3	1.6	.2	.5	1.3	3.0	3.8	6.9	.2	.4
20 TO 49 EMPLOYEES . . . . .	22	.7	3.6	.6	1.2	2.8	8.1	9.4	17.4	.4	1.0
50 TO 99 EMPLOYEES . . . . .	23	1.7	8.1	1.5	3.1	6.4	15.1	34.1	48.9	.9	3.4
100 TO 249 EMPLOYEES . . . . .	14	2.1	9.7	1.9	3.7	7.6	18.6	38.7	56.9	.8	6.0
250 TO 499 EMPLOYEES . . . . .	4	1.3	5.9	1.2	2.4	5.1	10.8	32.1	42.2	.4	3.9
500 TO 999 EMPLOYEES . . . . .	3	1.9	11.3	1.3	2.8	7.1	30.0	22.5	52.4	1.9	6.3
ESTABS.COVEDER BY ADMIN.RECOROS <sup>1</sup> .	29	.1	.4	.1	.1	.3	.9	2.2	3.1	.1	.2

See footnotes at end of table.

TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					
2269-S1 COMMISSION FINISHING											
ESTABLISHMENTS: TOTAL . . . . .	63	4.2	22.7	3.6	7.7	17.2	37.4	24.2	61.5	3.4	3.9
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	9	(Z)	.1	(Z)	(Z)	.1	.1	.1	.2	(Z)	(Z)
5 TO 9 EMPLOYEES . . . . .	11	.1	.4	.1	.1	.3	.6	.3	.9	(O)	(Z)
10 TO 19 EMPLOYEES . . . . .	4	.1	.4	(Z)	.1	.3	.7	.2	.9	-	(Z)
20 TO 49 EMPLOYEES . . . . .	18	.6	3.3	.5	1.0	2.5	6.2	3.8	9.9	.6	.5
50 TO 99 EMPLOYEES . . . . .	9	.6	3.4	.6	1.2	2.8	4.7	3.3	8.0	.4	1.6
100 TO 249 EMPLOYEES . . . . .	6	1.0	4.9	.8	1.7	3.5	7.3	5.3	12.7	.5	.5
250 TO 499 EMPLOYEES . . . . .	6	1.9	10.2	1.6	3.6	7.7	17.7	11.2	28.9	2.0	1.3
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> .	11	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
2271-- WOVEN CARPETS AND RUGS											
ESTABLISHMENTS: TOTAL . . . . .	61	8.7	47.2	7.3	15.3	35.8	104.7	131.4	240.2	6.3	59.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	24	(Z)	.2	(Z)	.1	.1	.4	.6	.9	(Z)	.2
5 TO 9 EMPLOYEES . . . . .	8	.1	.2	.1	.1	.2	.3	.4	.8	(Z)	.2
10 TO 19 EMPLOYEES . . . . .	5	.1	.2	(Z)	.1	.2	.5	.6	1.2	(Z)	.2
20 TO 49 EMPLOYEES . . . . .	5	.2	1.3	.2	.4	1.0	3.1	4.6	7.6	.1	1.3
50 TO 99 EMPLOYEES . . . . .	2	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
100 TO 249 EMPLOYEES . . . . .	8	2.5	13.1	2.2	4.4	10.3	35.0	51.5	87.9	1.1	14.7
250 TO 499 EMPLOYEES . . . . .	4	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
500 TO 999 EMPLOYEES . . . . .	6	5.7	32.1	4.8	10.1	23.9	65.3	73.6	141.7	5.1	43.1
1,000 TO 2,499 EMPLOYEES . . . . .	1	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
2,500 EMPLOYEES OR MORE . . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> .	22	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
2272-- TUFTED CARPETS AND RUGS											
ESTABLISHMENTS: TOTAL . . . . .	244	31.8	165.7	26.1	56.5	118.4	449.4	982.7	1 426.9	33.6	224.2
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	49	.1	.3	.1	.1	.2	.9	2.0	2.9	2.6	.4
5 TO 9 EMPLOYEES . . . . .	20	.1	.8	.1	.2	.5	2.0	4.2	6.2	.2	1.1
10 TO 19 EMPLOYEES . . . . .	22	.3	1.8	.3	.5	1.1	3.9	9.1	12.9	.2	1.5
20 TO 49 EMPLOYEES . . . . .	35	1.2	6.5	1.0	2.0	4.3	16.6	35.2	51.5	1.5	5.6
50 TO 99 EMPLOYEES . . . . .	36	2.5	12.3	2.1	4.5	8.4	29.6	71.7	100.9	4.8	10.2
100 TO 249 EMPLOYEES . . . . .	52	8.7	44.0	7.3	15.6	31.3	127.2	263.5	388.6	7.4	52.9
250 TO 499 EMPLOYEES . . . . .	12	4.0	19.4	3.4	7.3	14.8	48.5	111.5	159.9	6.2	27.9
500 TO 999 EMPLOYEES . . . . .	14	9.0	46.4	7.2	16.2	33.2	147.0	328.3	474.7	7.8	83.2
1,000 TO 2,499 EMPLOYEES . . . . .	4	5.8	34.1	4.7	10.1	24.4	73.7	157.2	229.3	2.9	41.4
2,500 EMPLOYEES OR MORE . . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> .	43	.1	.4	.1	.1	.3	1.1	2.0	3.1	.1	.4
2279-- CARPETS AND RUGS, NEC											
ESTABLISHMENTS: TOTAL . . . . .	80	3.1	14.9	2.6	5.2	11.2	45.3	47.1	90.3	5.6	18.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	32	(Z)	.2	(Z)	.1	.1	.7	.8	1.4	5.6	.1
5 TO 9 EMPLOYEES . . . . .	8	.1	.2	(Z)	.1	.1	.3	.3	.7	(O)	.1
10 TO 19 EMPLOYEES . . . . .	8	.1	.5	.1	.2	.4	.7	.5	1.2	(O)	.1
20 TO 49 EMPLOYEES . . . . .	13	.4	1.8	.8	1.3	2.9	2.9	5.9	9.9	(O)	.9
50 TO 99 EMPLOYEES . . . . .	12	.7	3.0	.6	1.2	2.1	5.3	3.9	9.5	(O)	1.2
100 TO 249 EMPLOYEES . . . . .	4	1.7	9.3	1.5	2.9	7.1	35.4	38.8	71.6	(O)	16.2
250 TO 499 EMPLOYEES . . . . .	3	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
500 TO 999 EMPLOYEES . . . . .	-	-	-	-	-	-	-	-	-	-	-
1,000 TO 2,499 EMPLOYEES . . . . .	-	-	-	-	-	-	-	-	-	-	-
2,500 EMPLOYEES OR MORE . . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> .	32	.1	.3	.1	.1	.2	.7	.7	1.4	(Z)	.2
2281-- YARN MILLS, EXCEPT WOOL											
ESTABLISHMENTS: TOTAL . . . . .	377	74.5	310.5	70.2	142.1	275.2	556.2	868.6	1 422.5	89.4	175.4
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	26	(Z)	.2	(Z)	.1	.2	.5	1.2	1.7	.1	.2
5 TO 9 EMPLOYEES . . . . .	13	.1	.4	.1	.2	.3	.6	1.1	1.8	(Z)	.1
10 TO 19 EMPLOYEES . . . . .	10	.1	.5	.1	.3	.5	.8	1.3	2.1	(Z)	.2
20 TO 49 EMPLOYEES . . . . .	27	1.0	4.0	.9	1.8	3.4	5.8	9.4	15.4	.6	1.4
50 TO 99 EMPLOYEES . . . . .	54	4.0	16.2	3.8	7.6	14.1	29.8	52.4	82.2	3.7	8.0
100 TO 249 EMPLOYEES . . . . .	152	24.7	100.9	23.3	46.8	88.9	187.0	285.2	469.0	34.3	57.8
250 TO 499 EMPLOYEES . . . . .	62	21.9	91.4	20.6	41.9	81.7	163.8	273.2	436.0	32.8	50.5
500 TO 999 EMPLOYEES . . . . .	31	22.7	96.8	21.4	43.5	86.2	167.9	244.9	414.3	17.8	57.3
1,000 TO 2,499 EMPLOYEES . . . . .	2	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
2,500 EMPLOYEES OR MORE . . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> .	25	.1	.3	.1	.1	.3	.6	1.1	1.7	(Z)	.2

See footnotes at end of table.



TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number	Payroll	Number	Man-hours	Wages					
		(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					
2282-- THROWING AND WINDING MILLS											
ESTABLISHMENTS: TOTAL . . . . .	181	18.5	78.6	16.9	34.6	64.9	173.2	387.8	568.0	18.0	48.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>1</sup> . . . . .	20	(2)	.2	(2)	.1	.2	.4	.8	1.1	(2)	.1
5 TO 9 EMPLOYEES <sup>2</sup> . . . . .	15	.1	.6	.1	.2	.5	1.4	2.3	3.7	.1	.4
10 TO 19 EMPLOYEES <sup>3</sup> . . . . .	16	.2	.9	.2	.4	.8	1.9	4.0	5.9	.2	.4
20 TO 49 EMPLOYEES . . . . .	41	1.3	5.2	1.1	2.2	4.2	12.1	16.2	28.3	1.0	1.9
50 TO 99 EMPLOYEES . . . . .	39	2.9	10.9	2.7	4.9	8.9	20.4	25.7	48.8	2.3	3.9
100 TO 249 EMPLOYEES . . . . .	29	4.4	19.2	4.1	8.2	15.5	43.5	97.1	141.2	4.0	16.9
250 TO 499 EMPLOYEES . . . . .	16	5.7	24.8	5.1	10.9	20.0	59.8	199.8	264.4	5.6	19.6
500 TO 999 EMPLOYEES . . . . .	4	3.9	16.8	3.6	7.8	14.8	33.7	41.9	77.5	4.8	4.7
1,000 TO 2,499 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2,500 EMPLOYEES OR MORE . . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN. RECORDS <sup>4</sup> . . . . .	23	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2282-11 MANUFACTURERS											
ESTABLISHMENTS: TOTAL . . . . .	118	13.0	57.4	11.6	24.3	45.8	133.1	372.8	513.0	12.9	46.8
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>1</sup> . . . . .	14	(2)	.1	(2)	(2)	.1	.2	.7	1.0	.3	.1
5 TO 9 EMPLOYEES <sup>2</sup> . . . . .	10	.1	.4	.1	.1	.3	.8	2.1	2.9	(0)	.4
10 TO 19 EMPLOYEES <sup>3</sup> . . . . .	9	.1	.6	.1	.2	.5	1.4	3.9	5.2	(0)	.4
20 TO 49 EMPLOYEES . . . . .	24	.7	3.1	.6	1.3	2.5	6.4	14.1	20.5	.7	1.7
50 TO 99 EMPLOYEES . . . . .	17	1.2	5.3	1.0	2.0	4.0	13.1	24.2	37.0	1.8	3.7
100 TO 249 EMPLOYEES . . . . .	27	10.9	47.9	9.8	20.6	38.4	111.2	327.8	446.3	10.1	40.6
250 TO 499 EMPLOYEES . . . . .	14	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
500 TO 999 EMPLOYEES . . . . .	3	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1,000 TO 2,499 EMPLOYEES . . . . .	-	-	-	-	-	-	-	-	-	-	-
2,500 EMPLOYEES OR MORE . . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN. RECORDS <sup>4</sup> . . . . .	19	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2282-S1 COMMISSION MILLS											
ESTABLISHMENTS: TOTAL . . . . .	63	5.6	21.3	5.3	10.4	19.1	40.1	15.0	55.0	5.1	1.2
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>1</sup> . . . . .	6	(2)	.1	(2)	(2)	.1	.1	(2)	.1	.1	(2)
5 TO 9 EMPLOYEES <sup>2</sup> . . . . .	5	(2)	.2	(2)	.1	.2	.6	.1	.8	(0)	(2)
10 TO 19 EMPLOYEES <sup>3</sup> . . . . .	7	.1	.3	.1	.2	.3	.6	.1	.7	(0)	(2)
20 TO 49 EMPLOYEES . . . . .	17	.5	2.1	.5	1.0	1.7	5.6	2.2	7.8	.3	.2
50 TO 99 EMPLOYEES . . . . .	22	1.7	5.6	1.6	2.9	5.0	7.3	1.5	8.8	.4	.2
100 TO 249 EMPLOYEES . . . . .	2	3.2	13.0	3.0	6.2	11.9	25.9	11.0	36.8	4.3	.8
250 TO 499 EMPLOYEES . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
500 TO 999 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1,000 TO 2,499 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2,500 EMPLOYEES OR MORE . . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN. RECORDS <sup>4</sup> . . . . .	4	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2283-- WOOL YARN MILLS											
ESTABLISHMENTS: TOTAL . . . . .	135	14.7	66.0	12.9	25.8	52.1	117.9	239.3	361.5	8.9	56.9
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>1</sup> . . . . .	11	(2)	(2)	(2)	(2)	(2)	.2	.2	.4	(2)	(2)
5 TO 9 EMPLOYEES <sup>2</sup> . . . . .	7	(2)	.2	(2)	.1	.2	.5	.9	1.4	(0)	.1
10 TO 19 EMPLOYEES <sup>3</sup> . . . . .	10	.1	.5	.1	.2	.4	1.0	1.5	2.5	(0)	.2
20 TO 49 EMPLOYEES . . . . .	30	1.0	4.4	.9	1.8	3.7	7.4	8.2	16.0	.4	2.1
50 TO 99 EMPLOYEES . . . . .	34	2.4	10.8	2.3	4.5	9.0	18.0	25.4	44.1	.8	6.3
100 TO 249 EMPLOYEES . . . . .	29	4.7	19.9	4.3	8.3	16.7	31.6	69.0	102.7	2.9	10.0
250 TO 499 EMPLOYEES . . . . .	10	3.4	14.7	2.9	5.9	11.4	30.2	71.0	101.7	2.8	14.8
500 TO 999 EMPLOYEES . . . . .	3	3.0	15.3	2.4	5.0	10.6	28.9	63.0	92.8	1.9	23.3
1,000 TO 2,499 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2,500 EMPLOYEES OR MORE . . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN. RECORDS <sup>4</sup> . . . . .	10	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2284-- THREAD MILLS											
ESTABLISHMENTS: TOTAL . . . . .	75	11.4	49.8	10.0	19.2	38.7	98.9	159.3	256.6	11.6	45.7
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>1</sup> . . . . .	15	(2)	.2	(2)	.1	.1	.4	.8	1.2	(2)	.2
5 TO 9 EMPLOYEES <sup>2</sup> . . . . .	10	.1	.4	.1	.1	.3	.8	1.8	2.7	(2)	.4
10 TO 19 EMPLOYEES <sup>3</sup> . . . . .	11	.2	1.0	.1	.2	.5	2.2	4.7	6.7	.2	1.2
20 TO 49 EMPLOYEES . . . . .	8	.3	1.7	.2	.5	1.0	2.7	5.1	7.7	(2)	1.2
50 TO 99 EMPLOYEES . . . . .	7	.5	2.2	.5	.8	1.7	5.4	7.5	13.0	.7	2.5
100 TO 249 EMPLOYEES . . . . .	8	1.3	5.3	1.2	2.4	4.4	8.4	10.2	18.4	(0)	3.6
250 TO 499 EMPLOYEES . . . . .	11	4.0	17.9	3.5	7.1	14.0	33.1	57.2	89.8	(0)	16.7
500 TO 999 EMPLOYEES . . . . .	2	5.1	21.1	4.4	8.0	16.8	43.9	71.9	117.1	3.9	20.0
1,000 TO 2,499 EMPLOYEES . . . . .	3	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2,500 EMPLOYEES OR MORE . . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN. RECORDS <sup>4</sup> . . . . .	15	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

See footnotes at end of table.

TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					
2291-- FELT GOODS, NEC											
ESTABLISHMENTS, TOTAL . . . . .	40	4.5	26.3	3.6	7.7	19.1	63.6	69.3	133.6	3.2	17.0
ESTABLISHMENTS WITH AN AVERAGE OF—											
1 TO 4 EMPLOYEES . . . . .	5	(Z)	.2	(Z)	(Z)	(Z)	.2	.3	.5	(Z)	(Z)
5 TO 9 EMPLOYEES . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
10 TO 19 EMPLOYEES . . . . .	5	.1	.4	.1	.1	.3	.7	.9	1.5	(Z)	.2
20 TO 49 EMPLOYEES . . . . .	7	.2	1.6	.2	.4	1.0	2.6	4.0	6.6	.3	.5
50 TO 99 EMPLOYEES . . . . .	6	.4	2.2	.3	.7	1.5	5.1	6.3	11.8	1.1	1.4
100 TO 249 EMPLOYEES . . . . .	9	1.8	10.9	1.5	3.2	8.6	23.2	28.3	51.9	1.0	8.0
250 TO 499 EMPLOYEES . . . . .	6	2.0	11.1	1.5	3.3	7.7	31.8	29.4	61.2	.8	7.0
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> .	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(0)	(D)	(D)
2292-- LACE GOODS											
ESTABLISHMENTS, TOTAL . . . . .	142	5.0	23.7	4.4	8.4	19.5	36.6	28.0	65.7	2.0	11.5
ESTABLISHMENTS WITH AN AVERAGE OF—											
1 TO 4 EMPLOYEES . . . . .	49	.1	.5	.1	.2	.4	1.1	.7	1.8	(Z)	.1
5 TO 9 EMPLOYEES . . . . .	21	.1	.7	.1	.2	.6	1.4	1.1	2.6	(0)	.3
10 TO 19 EMPLOYEES . . . . .	24	.3	1.8	.3	.6	1.6	3.2	4.1	7.3	.2	.8
20 TO 49 EMPLOYEES . . . . .	26	.9	4.2	.9	1.6	3.6	5.8	4.1	9.9	.7	.9
50 TO 99 EMPLOYEES . . . . .	10	.8	3.7	.7	1.3	3.1	5.1	4.2	9.4	.3	3.5
100 TO 249 EMPLOYEES . . . . .	7	1.3	6.2	1.2	2.3	5.5	9.4	6.3	16.1	.1	2.3
250 TO 499 EMPLOYEES . . . . .	5	1.5	6.7	1.2	2.1	4.8	10.7	7.4	18.8	.7	3.5
ESTABS. COVERED BY ADMIN. RECORDS <sup>1e</sup> .	52	.1	.6	.1	.2	.6	1.4	1.0	2.3	(Z)	.2
2293-- PADDINGS AND UPHOLSTERY FILLING											
ESTABLISHMENTS, TOTAL . . . . .	151	6.5	36.0	5.3	10.7	26.1	78.0	89.9	168.1	3.4	17.4
ESTABLISHMENTS WITH AN AVERAGE OF—											
1 TO 4 EMPLOYEES . . . . .	24	.1	.3	(Z)	.1	.2	.7	1.0	1.7	(Z)	.2
5 TO 9 EMPLOYEES . . . . .	25	.2	1.2	.2	.3	.8	2.7	4.1	6.9	.1	.7
10 TO 19 EMPLOYEES . . . . .	31	.4	2.4	.4	.7	1.6	5.2	7.4	12.6	.2	1.5
20 TO 49 EMPLOYEES . . . . .	42	1.3	7.6	1.1	2.3	5.2	17.3	21.6	38.9	.8	3.9
50 TO 99 EMPLOYEES . . . . .	16	1.1	6.5	.9	1.9	4.6	13.4	15.9	29.3	.4	2.8
100 TO 249 EMPLOYEES . . . . .	8	1.2	6.7	1.0	1.9	4.7	13.5	11.1	24.8	.5	3.7
250 TO 499 EMPLOYEES . . . . .	4	2.1	11.3	1.7	3.5	8.9	25.1	28.9	54.0	1.4	4.6
500 TO 999 EMPLOYEES . . . . .	1	(0)	(D)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> .	20	(D)	(D)	(D)	(D)	(0)	(D)	(D)	(D)	(D)	(D)
2294-- PROCESSED TEXTILE WASTE											
ESTABLISHMENTS, TOTAL . . . . .	141	4.5	20.7	3.9	8.0	15.4	34.5	54.8	91.5	1.6	14.4
ESTABLISHMENTS WITH AN AVERAGE OF—											
1 TO 4 EMPLOYEES . . . . .	31	.1	.3	.1	.1	.3	1.2	.9	2.1	.2	.2
5 TO 9 EMPLOYEES . . . . .	22	.1	.6	.1	.2	.5	1.4	1.2	2.5	(0)	.4
10 TO 19 EMPLOYEES . . . . .	28	.4	1.9	.3	.6	1.2	3.1	4.0	7.1	.1	1.4
20 TO 49 EMPLOYEES . . . . .	33	1.1	5.0	.9	1.8	3.7	8.9	12.0	21.1	.4	2.7
50 TO 99 EMPLOYEES . . . . .	16	1.2	5.6	1.0	2.0	4.0	9.1	15.4	24.6	.7	4.8
100 TO 249 EMPLOYEES . . . . .	10	1.7	7.2	1.5	3.2	5.8	10.8	21.4	34.1	.2	5.0
250 TO 499 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1e</sup> .	35	.1	.5	.1	.2	.4	1.2	.9	2.1	(Z)	.2
2295-- COATED FABRICS, NOT RUBBERIZED											
ESTABLISHMENTS, TOTAL . . . . .	178	17.5	121.3	12.7	26.9	78.1	255.2	368.5	616.2	17.0	109.0
ESTABLISHMENTS WITH AN AVERAGE OF—											
1 TO 4 EMPLOYEES . . . . .	27	(Z)	.3	(Z)	.1	.2	.6	.8	1.3	<sup>2</sup> 1.4	.2
5 TO 9 EMPLOYEES . . . . .	13	.1	.7	.1	.1	.4	1.4	2.1	3.6	(D)	.4
10 TO 19 EMPLOYEES . . . . .	23	.3	2.3	.3	.6	1.4	5.7	9.5	15.2	(D)	1.4
20 TO 49 EMPLOYEES . . . . .	44	1.5	9.9	1.1	2.3	6.3	24.0	27.3	51.0	<u>2.0</u>	6.4
50 TO 99 EMPLOYEES . . . . .	32	2.2	14.5	1.7	3.4	8.8	25.7	42.3	68.1	(0)	8.1
100 TO 249 EMPLOYEES . . . . .	22	3.5	23.6	2.4	5.2	14.6	56.9	79.3	133.0	5.5	25.0
250 TO 499 EMPLOYEES . . . . .	9	3.2	19.0	2.4	5.4	13.8	43.1	74.6	119.5	1.5	20.6
500 TO 999 EMPLOYEES . . . . .	6	6.6	51.1	4.7	9.8	32.7	97.9	132.5	224.3	6.7	47.0
1,000 TO 2,499 EMPLOYEES . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> .	19	(D)	(0)	(0)	(D)	(0)	(0)	(D)	(0)	(0)	(D)

See footnotes at end of table.



TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					
2296-- TIRE CORO AND FABRIC											
ESTABLISHMENTS, TOTAL . . . . .	20	10.1	48.7	9.2	18.4	41.7	91.5	354.3	444.1	15.2	49.2
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	1	1.0	5.2	.9	2.0	4.0	12.2	32.4	43.9	<sup>2</sup> 1.7	3.3
5 TO 9 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
10 TO 19 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
20 TO 49 EMPLOYEES . . . . .	5	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
50 TO 99 EMPLOYEES . . . . .	6	4.2	20.7	3.9	8.0	18.1	38.4	181.5	218.3	8.0	28.8
100 TO 249 EMPLOYEES . . . . .	3	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
250 TO 499 EMPLOYEES . . . . .	3	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
500 TO 999 EMPLOYEES . . . . .	3	4.8	22.8	4.4	8.6	19.5	41.0	140.4	181.7	5.5	17.2
1000 TO 2499 EMPLOYEES . . . . .											
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2297-- SCOURING AND COMBING PLANTS											
ESTABLISHMENTS, TOTAL . . . . .	68	5.0	25.9	4.4	8.9	20.6	35.7	56.9	93.9	3.2	16.5
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	14	(2)	.4	(2)	.1	.2	.7	.4	1.0	(2)	.1
5 TO 9 EMPLOYEES . . . . .	5	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
10 TO 19 EMPLOYEES . . . . .	10	.1	.7	.1	.3	.6	1.1	.3	1.3	(2)	(2)
20 TO 49 EMPLOYEES . . . . .	21	.7	3.6	.6	1.2	2.5	5.7	11.3	17.8	1.8	4.0
50 TO 99 EMPLOYEES . . . . .	6	.4	2.2	.4	.8	1.8	2.3	4.2	6.9	(0)	.8
100 TO 249 EMPLOYEES . . . . .	7	1.0	4.9	.9	1.7	3.9	6.5	3.2	10.0	.1	1.6
250 TO 499 EMPLOYEES . . . . .	4	2.7	14.1	2.4	4.8	11.6	19.5	37.6	57.2	1.6	9.9
1000 TO 2499 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> .	12	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2298-- CORDAGE AND TWINE											
ESTABLISHMENTS, TOTAL . . . . .	169	10.2	48.5	8.7	17.2	36.3	95.4	95.3	188.8	4.4	42.1
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	53	.1	.4	.1	.2	.3	.9	1.2	2.2	(2)	.5
5 TO 9 EMPLOYEES . . . . .	18	.1	.6	.1	.2	.4	1.6	1.5	3.1	.1	.4
10 TO 19 EMPLOYEES . . . . .	15	.2	1.0	.2	.3	.6	2.4	2.4	4.7	.1	.8
20 TO 49 EMPLOYEES . . . . .	31	.9	4.1	.8	1.6	3.1	9.6	10.0	19.0	.4	3.6
50 TO 99 EMPLOYEES . . . . .	24	1.8	8.0	1.5	2.8	5.9	17.7	18.0	34.4	.7	6.9
100 TO 249 EMPLOYEES . . . . .	18	2.8	11.9	2.4	4.8	9.4	24.7	22.5	45.4	1.3	11.3
250 TO 499 EMPLOYEES . . . . .	8	4.3	22.4	3.6	7.4	16.3	38.5	39.6	80.1	1.7	18.5
500 TO 999 EMPLOYEES . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> e	55	.1	.6	.1	.2	.4	1.2	1.5	2.7	(2)	.6
2299-- TEXTILE GOODS, NEC											
ESTABLISHMENTS, TOTAL . . . . .	196	9.2	50.4	7.6	15.3	33.8	104.3	137.2	240.5	8.2	33.8
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	73	.1	.9	.1	.2	.6	1.6	2.2	3.8	(2)	.5
5 TO 9 EMPLOYEES . . . . .	24	.2	.7	.1	.3	.5	1.6	1.7	3.3	.1	.4
10 TO 19 EMPLOYEES . . . . .	29	.4	1.9	.3	.7	1.4	4.0	4.8	8.8	.2	1.1
20 TO 49 EMPLOYEES . . . . .	30	1.0	5.1	.8	1.6	3.6	11.7	20.5	32.0	.4	3.7
50 TO 99 EMPLOYEES . . . . .	16	1.1	5.5	.9	1.9	3.9	11.0	14.8	25.1	2.9	2.8
100 TO 249 EMPLOYEES . . . . .	12	1.9	10.4	1.6	3.4	7.5	19.7	36.4	56.2	1.5	8.9
250 TO 499 EMPLOYEES . . . . .	10	4.5	25.9	3.6	7.4	16.2	54.7	56.9	111.4	3.1	16.4
500 TO 999 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> e	66	.2	.8	.2	.3	.6	1.6	1.9	3.6	(2)	.5
2311-- MEN'S AND BOYS' SUITS AND COATS											
ESTABLISHMENTS, TOTAL . . . . .	1 003	135.9	641.7	119.9	221.3	509.1	1 047.5	662.3	1 912.1	15.7	330.9
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	168	.3	1.7	.3	.4	1.1	5.0	12.9	17.7	(2)	2.3
5 TO 9 EMPLOYEES . . . . .	64	.4	2.6	.4	.6	1.6	6.5	15.2	21.8	.1	2.4
10 TO 19 EMPLOYEES . . . . .	122	1.7	9.5	1.4	2.5	6.0	24.0	55.7	79.6	.3	10.9
20 TO 49 EMPLOYEES . . . . .	170	5.5	26.8	4.6	8.7	19.3	52.9	77.7	130.1	.6	18.6
50 TO 99 EMPLOYEES . . . . .	158	11.4	51.7	10.2	18.9	41.1	60.7	69.9	150.0	.9	19.9
100 TO 249 EMPLOYEES . . . . .	169	25.9	116.9	23.4	43.5	94.6	173.6	133.5	306.5	2.3	40.1
250 TO 499 EMPLOYEES . . . . .	98	34.1	151.3	30.8	57.5	126.3	253.1	146.9	401.7	3.7	59.5
500 TO 999 EMPLOYEES . . . . .	34	21.7	106.5	18.5	33.2	79.7	163.3	143.3	306.2	2.1	55.9
1000 TO 2499 EMPLOYEES . . . . .	18	35.0	174.6	30.5	55.9	139.5	288.3	207.2	498.4	5.7	121.2
2500 EMPLOYEES OR MORE . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> e	151	.4	1.8	.4	.6	1.3	3.4	5.5	8.9	(2)	1.2

See footnote at end of table.

TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					
		(number)	(1,000)	(1,000)	(millions)	(million dollars)					
2311-11 MANUFACTURERS											
ESTABLISHMENTS, TOTAL . . . . .	399	72.4	357.0	63.2	116.7	279.3	611.9	422.0	1 039.0	10.5	212.1
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES ° . . . . .	102	.2	.8	.2	.3	.6	1.0	1.1	2.2	-	.3
5 TO 9 EMPLOYEES ° . . . . .	29	.2	.9	.2	.3	.7	1.5	1.3	2.8	.1	.3
10 TO 19 EMPLOYEES ° . . . . .	45	.6	2.9	.6	1.0	2.2	4.6	5.4	10.0	(0)	1.2
20 TO 49 EMPLOYEES ° . . . . .	45	1.5	6.5	1.3	2.4	5.1	9.3	8.6	18.0	.2	2.0
50 TO 99 EMPLOYEES ° . . . . .	41	2.9	12.5	2.5	4.5	9.6	21.4	16.4	37.7	.3	4.8
100 TO 249 EMPLOYEES . . . . .	55	8.8	43.2	7.8	14.7	33.6	70.5	52.7	124.4	.8	16.4
250 TO 499 EMPLOYEES . . . . .	45	15.8	72.3	14.1	26.4	57.9	134.4	88.0	221.9	2.6	39.1
500 TO 999 EMPLOYEES . . . . .	21	13.6	68.9	11.9	21.8	53.1	119.3	75.9	196.2	1.7	35.7
1,000 TO 2,499 EMPLOYEES . . . . .	14	28.9	149.1	24.8	45.4	116.5	249.7	172.5	425.8	4.8	112.3
2,500 EMPLOYEES OR MORE . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> °	107	.3	1.3	.3	.5	1.0	1.7	1.6	3.3	(2)	.5
2311-22 JOBBERS											
ESTABLISHMENTS, TOTAL . . . . .	175	9.1	58.2	5.2	10.3	26.0	147.6	400.2	547.6	2.0	90.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES ° . . . . .	50	.1	.8	.1	.1	.4	3.7	11.7	15.3	(2)	2.0
5 TO 9 EMPLOYEES ° . . . . .	18	.1	1.1	.1	.1	.4	3.8	13.7	17.6	.1	2.0
10 TO 19 EMPLOYEES ° . . . . .	42	.6	4.6	.3	.7	2.0	16.8	49.8	66.5	.2	9.6
20 TO 49 EMPLOYEES ° . . . . .	37	1.1	8.9	.7	1.5	4.3	26.5	66.8	92.7	.3	14.9
50 TO 99 EMPLOYEES ° . . . . .	10	.6	6.4	.3	.7	2.0	17.6	47.3	65.1	.1	12.0
100 TO 249 EMPLOYEES . . . . .	10	1.5	10.0	1.0	2.1	4.6	24.0	67.1	89.8	.3	15.8
250 TO 499 EMPLOYEES . . . . .	4	1.3	8.0	.8	1.6	4.0	27.4	45.9	76.0	.1	10.6
500 TO 999 EMPLOYEES . . . . .	3	3.5	18.5	1.8	3.5	8.3	27.8	97.9	124.5	.9	23.1
1,000 TO 2,499 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> °	29	.1	.3	.1	.1	.2	1.5	3.9	5.4	(2)	.8
2311-33 INDEPENDENT CONTRACTORS											
ESTABLISHMENTS, TOTAL . . . . .	344	30.5	126.6	28.8	52.6	113.2	160.4	23.7	182.9	1.5	11.1
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES ° . . . . .	16	(2)	.1	(2)	(2)	.1	.2	(2)	.2	-	(2)
5 TO 9 EMPLOYEES ° . . . . .	17	.1	.7	.1	.2	.5	1.2	.2	1.4	.1	.1
10 TO 19 EMPLOYEES ° . . . . .	34	3.2	12.4	3.0	5.3	10.9	16.7	2.5	19.2	(0)	1.2
20 TO 49 EMPLOYEES ° . . . . .	81	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
50 TO 99 EMPLOYEES ° . . . . .	94	6.9	29.3	6.5	12.0	26.1	36.7	5.8	42.2	.3	2.8
100 TO 249 EMPLOYEES . . . . .	80	11.5	47.4	10.8	19.6	42.1	58.2	8.9	66.7	.5	4.4
250 TO 499 EMPLOYEES . . . . .	20	8.8	36.6	8.4	15.6	33.6	47.6	6.3	53.2	.4	2.6
500 TO 999 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1,000 TO 2,499 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> °	15	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2311-44 MULTIPLANT COMPANY CONTRACTORS											
ESTABLISHMENTS, TOTAL . . . . .	85	24.0	99.8	22.7	41.6	90.6	127.4	16.5	142.5	1.7	17.7
10 TO 19 EMPLOYEES ° . . . . .	1	.2	1.0	.2	.4	.8	3.1	.2	3.3	(2)	.5
20 TO 49 EMPLOYEES ° . . . . .	7	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
50 TO 99 EMPLOYEES ° . . . . .	13	1.0	3.5	.9	1.7	3.3	4.8	.4	5.1	.1	.3
100 TO 249 EMPLOYEES . . . . .	24	4.0	16.3	3.7	7.1	14.2	21.0	4.9	25.5	.6	3.5
250 TO 499 EMPLOYEES . . . . .	29	18.8	79.0	17.9	32.5	72.2	98.6	11.0	108.7	1.0	13.3
500 TO 999 EMPLOYEES . . . . .	9	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1,000 TO 2,499 EMPLOYEES . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2321-- MEN'S & BOYS' SHIRTS & NIGHTWEAR											
ESTABLISHMENTS, TOTAL . . . . .	768	114.4	388.4	104.0	188.9	322.7	703.9	752.9	1 448.2	14.6	229.8
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES ° . . . . .	97	.2	1.1	.1	.2	.5	2.9	12.9	15.7	(2)	2.4
5 TO 9 EMPLOYEES ° . . . . .	58	.4	3.0	.2	.3	.7	10.8	33.8	44.5	.2	6.8
10 TO 19 EMPLOYEES ° . . . . .	44	.6	3.6	.4	.7	1.4	13.4	37.5	51.1	.2	5.4
20 TO 49 EMPLOYEES ° . . . . .	116	3.8	17.4	3.1	5.8	11.3	49.0	95.8	146.2	.7	22.6
50 TO 99 EMPLOYEES ° . . . . .	95	7.0	27.2	5.9	10.8	18.4	56.9	82.7	135.4	1.3	25.4
100 TO 249 EMPLOYEES . . . . .	206	35.1	115.1	32.2	57.6	97.2	192.9	160.7	353.2	4.0	48.0
250 TO 499 EMPLOYEES . . . . .	117	40.6	131.8	37.7	69.4	117.7	209.7	134.6	338.1	5.0	53.6
500 TO 999 EMPLOYEES . . . . .	31	21.0	71.1	18.9	35.3	59.9	124.2	142.1	270.7	2.6	39.8
1,000 TO 2,499 EMPLOYEES . . . . .	4	5.7	18.0	5.5	8.8	15.5	44.0	52.7	93.3	.5	25.8

See footnotes at end of table.



TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					
ESTA85. COVERED BY ADMIN. RECORDS <sup>1</sup> e	88	•2	•9	•2	•3	•7	2.0	4.2	6.2	(Z)	•7
2321-11 MANUFACTURERS											
ESTABLISHMENTS, TOTAL. . . . .	294	41.2	142.4	37.2	66.5	119.2	280.1	272.8	548.3	5.1	106.2
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES e . . . . .	60	•1	•5	•1	•2	•4	1.0	1.1	2.1	-	•3
5 TO 9 EMPLOYEES . . . . .	23	•2	•6	•1	•2	•5	1.2	1.4	2.6	(Z)	•3
10 TO 19 EMPLOYEES e . . . . .	11	•1	•6	•1	•2	•5	1.5	1.2	2.7	(O)	•3
20 TO 49 EMPLOYEES e . . . . .	36	1.2	5.0	1.0	1.9	4.2	10.6	12.2	22.9	•2	2.6
50 TO 99 EMPLOYEES . . . . .	31	2.3	8.0	2.0	3.5	6.4	17.7	18.3	35.4	•2	5.1
100 TO 249 EMPLOYEES . . . . .	79	13.2	45.0	12.0	21.4	37.2	86.3	81.8	168.0	1.5	25.4
250 TO 499 EMPLOYEES . . . . .	41	14.5	49.1	13.2	23.7	41.8	87.5	93.2	175.2	2.2	40.7
500 TO 999 EMPLOYEES . . . . .	12	9.6	33.6	8.7	15.4	28.2	74.2	63.5	139.3	•9	31.6
1,000 TO 2,499 EMPLOYEES . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTA85. COVERED BY ADMIN. RECORDS <sup>1</sup> e	62	•2	•7	•2	•2	•6	1.3	1.6	2.9	(Z)	•3
2321-22 JOBBERS											
ESTABLISHMENTS, TOTAL. . . . .	137	11.4	54.5	8.9	16.0	29.4	176.6	447.3	621.2	2.9	106.4
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	30	•1	•5	(Z)	(Z)	(Z)	1.9	11.8	13.5	(Z)	2.1
5 TO 9 EMPLOYEES . . . . .	30	•2	2.2	(Z)	(Z)	•1	9.3	32.3	41.6	•2	6.4
10 TO 19 EMPLOYEES . . . . .	20	•3	2.2	•1	•1	•3	10.9	36.2	47.2	•2	5.1
20 TO 49 EMPLOYEES . . . . .	24	•7	6.1	•4	•8	1.4	29.7	82.6	113.8	•4	19.5
50 TO 99 EMPLOYEES . . . . .	12	•9	6.7	•4	•7	•8	23.3	62.4	82.1	•9	19.1
100 TO 249 EMPLOYEES . . . . .	9	1.5	7.6	1.0	1.8	3.3	23.3	68.2	91.7	•2	16.3
250 TO 499 EMPLOYEES . . . . .	5	1.8	6.7	1.7	3.1	6.1	23.2	26.6	49.6	•5	5.3
500 TO 999 EMPLOYEES . . . . .	5	6.0	22.6	5.3	9.4	17.3	55.1	127.2	181.6	•7	32.6
1,000 TO 2,499 EMPLOYEES . . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTA85. COVERED BY ADMIN. RECORDS <sup>1</sup> e	19	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2321-33 CONTRACTORS											
ESTABLISHMENTS, TOTAL. . . . .	188	23.6	74.2	22.2	40.6	67.1	95.8	13.4	108.4	2.0	5.1
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	6	1.8	6.4	1.7	2.9	5.7	8.7	1.0	9.8	•1	•5
5 TO 9 EMPLOYEES . . . . .	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
10 TO 19 EMPLOYEES . . . . .	12	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20 TO 49 EMPLOYEES . . . . .	47	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
50 TO 99 EMPLOYEES . . . . .	39	2.7	9.0	2.6	4.6	8.1	11.9	1.3	13.0	•2	1.0
100 TO 249 EMPLOYEES . . . . .	56	9.3	29.4	8.7	15.7	26.4	37.5	5.7	42.8	1.0	2.2
250 TO 499 EMPLOYEES . . . . .	20	7.1	21.7	6.8	12.5	19.6	28.7	4.1	32.6	•6	1.2
500 TO 999 EMPLOYEES . . . . .	4	2.6	7.8	2.5	4.8	7.3	9.0	1.2	10.2	•2	•4
ESTA85. COVERED BY ADMIN. RECORDS <sup>1</sup> e	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2321-44 MULTIPLANT CONTRACTORS											
ESTABLISHMENTS, TOTAL. . . . .	149	38.1	117.3	35.8	65.8	107.1	151.4	19.4	170.4	4.7	12.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	1	3	1.0	•3	•5	•8	1.2	•2	1.5	•1	•2
5 TO 9 EMPLOYEES . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
10 TO 19 EMPLOYEES . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20 TO 49 EMPLOYEES . . . . .	9	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
50 TO 99 EMPLOYEES . . . . .	13	1.1	3.6	1.0	1.9	3.1	4.1	•7	4.8	•1	•2
100 TO 249 EMPLOYEES . . . . .	62	11.2	35.2	10.5	18.6	30.2	45.8	4.9	50.6	1.4	4.2
250 TO 499 EMPLOYEES . . . . .	51	17.1	54.4	16.1	30.1	50.3	70.2	10.7	80.7	1.7	6.5
500 TO 999 EMPLOYEES . . . . .	10	8.5	25.1	8.0	14.7	22.7	30.0	2.9	32.7	1.5	1.0
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> e	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2322-- MEN'S AND BOYS' UNDERWEAR											
ESTABLISHMENTS, TOTAL. . . . .	87	13.4	44.8	12.5	23.1	38.6	82.0	104.4	180.3	5.9	27.5
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	10	(Z)	•1	(Z)	(Z)	(Z)	•5	•5	•9	-	(Z)
5 TO 9 EMPLOYEES . . . . .	6	(Z)	•1	(Z)	•1	•1	•4	1.0	1.3	•1	•1
10 TO 19 EMPLOYEES . . . . .	3	•1	•2	(Z)	•1	•1	•2	•1	•4	(D)	(Z)
20 TO 49 EMPLOYEES . . . . .	15	•6	1.7	•5	1.0	1.4	2.9	3.4	6.3	(D)	•7
50 TO 99 EMPLOYEES . . . . .	17	1.3	4.6	1.2	2.3	3.9	12.4	19.6	28.8	•1	5.9
100 TO 249 EMPLOYEES . . . . .	22	3.6	12.2	3.2	5.8	9.8	19.9	26.7	46.1	5.8	6.8
250 TO 499 EMPLOYEES . . . . .	9	3.6	11.7	3.5	6.4	10.7	21.6	24.9	44.9	(D)	8.5
500 TO 999 EMPLOYEES . . . . .	3	4.3	14.2	4.0	7.4	12.5	24.1	28.4	51.5	(D)	5.3
1,000 TO 2,499 EMPLOYEES . . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTA85. COVERED BY ADMIN. RECORDS <sup>1</sup> e	12	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnote at end table.

TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)											
Item	Establish- ments	All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new	End-of- year inventories
		Number	Payroll	Number	Man-hours	Wages					
		(number)	(1,000) (million dollars)	(1,000) (millions)	(million dollars)	(million dollars)					
2323-- MEN'S AND BOYS' NECKWEAR											
ESTABLISHMENTS, TOTAL . . . . .	297	7.8	37.3	6.6	11.3	23.5	69.4	75.6	144.7	.8	16.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	100	.2	.7	.2	.3	.5	2.4	2.4	4.8	.1	.4
5 TO 9 EMPLOYEES . . . . .	38	.2	1.1	.2	.4	.8	3.0	2.8	5.8	(0)	.4
10 TO 19 EMPLOYEES . . . . .	46	.7	2.9	.6	1.0	2.0	5.5	5.6	11.0	(0)	1.1
20 TO 49 EMPLOYEES . . . . .	71	2.1	9.8	1.7	3.1	6.6	17.6	23.0	40.5	.3	4.3
50 TO 99 EMPLOYEES . . . . .	28	4.6	22.8	3.8	6.5	13.6	40.9	41.7	82.6	.4	9.7
100 TO 249 EMPLOYEES . . . . .	11	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
250 TO 499 EMPLOYEES . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
500 TO 999 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN.RECORDS <sup>1</sup> . . . . .	118	.4	1.5	.4	.5	.9	3.4	3.8	7.0	(2)	.9
2327-- MEN'S & BOYS' SEPARATE TROUSERS											
ESTABLISHMENTS, TOTAL . . . . .	690	88.1	316.7	80.8	151.5	264.5	542.5	591.9	1 132.4	16.3	178.4
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	115	.2	1.3	.2	.4	.8	3.7	10.7	14.4	.4	2.5
5 TO 9 EMPLOYEES . . . . .	59	.4	2.3	.3	.6	1.3	6.5	14.8	21.0	(0)	5.0
10 TO 19 EMPLOYEES . . . . .	58	.8	4.8	.7	1.3	2.8	10.6	33.4	43.1	.5	9.5
20 TO 49 EMPLOYEES . . . . .	94	2.9	14.0	2.5	4.8	9.9	28.5	75.9	105.0	.7	14.7
50 TO 99 EMPLOYEES . . . . .	97	7.1	25.9	6.4	11.4	20.9	42.2	40.4	83.3	2.3	15.2
100 TO 249 EMPLOYEES . . . . .	145	24.3	86.5	22.5	41.8	72.8	148.0	108.8	255.1	3.7	27.7
250 TO 499 EMPLOYEES . . . . .	102	34.2	117.0	31.8	60.0	101.3	188.1	153.0	340.8	3.8	57.5
500 TO 999 EMPLOYEES . . . . .	15	18.1	64.9	16.4	31.1	54.7	114.9	154.9	269.7	4.9	46.4
1 000 TO 2 499 EMPLOYEES . . . . .	5	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN.RECORDS <sup>1</sup> . . . . .	119	.3	1.4	.3	.6	1.1	2.3	3.2	5.6	(2)	1.1
2327-11 MANUFACTURERS											
ESTABLISHMENTS, TOTAL . . . . .	277	35.7	126.0	32.3	59.7	104.3	235.3	240.6	472.3	5.3	86.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	70	.1	.5	.1	.2	.4	.9	.8	1.7	.5	.3
5 TO 9 EMPLOYEES . . . . .	38	.2	.9	.2	.4	.7	1.6	1.9	3.4	(0)	1.9
10 TO 19 EMPLOYEES . . . . .	11	.1	.7	.1	.2	.6	1.2	.9	2.1	(0)	.3
20 TO 49 EMPLOYEES . . . . .	30	.9	3.5	.8	1.6	2.9	6.4	6.8	13.1	(0)	1.7
50 TO 99 EMPLOYEES . . . . .	31	2.3	7.9	2.1	3.8	6.6	15.0	14.8	29.4	.4	5.5
100 TO 249 EMPLOYEES . . . . .	47	8.3	30.6	7.5	13.8	24.8	55.4	57.6	111.7	1.3	16.0
250 TO 499 EMPLOYEES . . . . .	37	23.8	81.8	21.3	39.8	68.2	154.8	157.9	311.0	3.2	60.8
500 TO 999 EMPLOYEES . . . . .	11	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1 000 TO 2 499 EMPLOYEES . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN.RECORDS <sup>1</sup> . . . . .	91	.3	1.1	.3	.5	.9	1.8	1.7	3.5	-	.7
2327-22 JOBBERS											
ESTABLISHMENTS, TOTAL . . . . .	108	6.5	34.4	5.1	10.0	19.0	97.1	309.1	406.6	4.1	75.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	27	.1	.6	(2)	.1	.3	2.5	9.9	12.4	.8	2.1
5 TO 9 EMPLOYEES . . . . .	16	.1	1.2	.1	.1	.5	4.7	12.9	17.4	(0)	3.1
10 TO 19 EMPLOYEES . . . . .	24	.3	2.8	.2	.4	1.1	7.6	32.3	38.9	(0)	9.2
20 TO 49 EMPLOYEES . . . . .	22	.7	5.2	.4	.9	2.2	15.3	67.8	83.8	(0)	12.5
50 TO 99 EMPLOYEES . . . . .	6	.4	2.8	.3	.5	.7	9.1	21.9	30.5	.1	8.2
100 TO 249 EMPLOYEES . . . . .	6	.9	4.7	.8	1.4	1.9	22.7	35.0	57.7	.1	5.5
250 TO 499 EMPLOYEES . . . . .	5	3.9	17.0	3.4	6.8	12.3	35.1	129.2	165.9	2.9	34.5
500 TO 999 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1 000 TO 2 499 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN.RECORDS <sup>1</sup> . . . . .	13	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2327-33 INDEPENDENT CONTRACTORS											
ESTABLISHMENTS, TOTAL . . . . .	207	20.2	72.7	19.1	35.6	64.8	99.3	20.3	119.5	2.7	8.1
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	18	(2)	.2	(2)	.1	.2	.2	.1	.3	(2)	-
5 TO 9 EMPLOYEES . . . . .	5	(2)	.1	(2)	.1	.1	.2	(2)	.2	(0)	-
10 TO 19 EMPLOYEES . . . . .	23	.3	1.3	.3	.6	1.2	1.9	.2	2.1	(0)	.1
20 TO 49 EMPLOYEES . . . . .	38	1.2	4.6	1.2	2.2	4.1	6.0	1.2	7.3	.1	.5
50 TO 99 EMPLOYEES . . . . .	46	3.3	11.9	3.1	5.5	10.6	15.8	2.4	18.1	.3	1.0
100 TO 249 EMPLOYEES . . . . .	58	9.2	32.6	8.6	15.9	28.8	46.3	11.1	57.4	1.1	4.5
250 TO 499 EMPLOYEES . . . . .	18	6.1	21.9	5.8	11.2	19.8	29.0	5.2	34.0	1.2	1.9
500 TO 999 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN.RECORDS <sup>1</sup> . . . . .	15	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

See footnote at end of table.



TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					
2327-44 MULTIPLANT COMPANY CONTRACTORS											
ESTABLISHMENTS, TOTAL . . . . .	98	25.7	83.6	24.3	46.1	76.4	110.8	21.9	134.1	4.2	8.7
20 TO 49 EMPLOYEES . . . . .	4	.1	.6	.1	.3	.6	.8	.1	.9	1.6	(2)
50 TO 99 EMPLOYEES . . . . .	14	1.0	3.3	.9	1.7	3.0	2.3	1.3	5.3	(D)	.5
100 TO 249 EMPLOYEES . . . . .	34	5.9	18.6	5.7	10.7	17.4	23.6	5.0	28.3	1.3	1.6
250 TO 499 EMPLOYEES . . . . .	42	18.6	61.1	17.6	33.5	55.6	84.0	15.5	99.5	1.3	6.6
500 TO 999 EMPLOYEES . . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1,000 TO 2,499 EMPLOYEES . . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2328-- MEN'S AND BOYS' WORK CLOTHING											
ESTABLISHMENTS, TOTAL . . . . .	462	78.2	254.7	72.0	129.5	216.9	465.4	711.9	155.0	10.7	214.2
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES . . . . .	33	.4	1.8	.4	.6	1.3	22.2	52.4	74.7	.4	5.2
5 TO 9 EMPLOYEES . . . . .	19	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
10 TO 19 EMPLOYEES . . . . .	16	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20 TO 49 EMPLOYEES . . . . .	53	1.7	5.7	1.5	2.8	4.7	10.5	17.0	26.8	(D)	4.5
50 TO 99 EMPLOYEES . . . . .	79	5.9	19.4	5.4	9.5	16.5	30.0	35.1	63.5	.6	9.6
100 TO 249 EMPLOYEES . . . . .	159	27.4	88.5	25.0	44.9	73.5	173.1	264.3	424.4	5.2	88.8
250 TO 499 EMPLOYEES . . . . .	81	28.2	90.6	26.4	47.3	80.4	144.0	217.1	359.2	2.7	68.7
500 TO 999 EMPLOYEES . . . . .	22	14.6	48.9	13.4	24.4	40.4	85.7	126.0	206.4	1.8	37.6
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> . . . . .	44	.2	.6	.2	.3	.5	1.0	2.0	2.9	(2)	.5
2328-11 MANUFACTURERS											
ESTABLISHMENTS, TOTAL . . . . .	242	38.3	125.8	35.4	63.6	106.5	215.7	285.0	489.6	6.1	100.4
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES . . . . .	22	(2)	.2	(2)	.1	.1	.2	.3	.5	(2)	.1
5 TO 9 EMPLOYEES . . . . .	14	.1	.3	.1	.2	.3	.4	.6	1.1	-	.2
10 TO 19 EMPLOYEES . . . . .	12	.2	.7	.1	.3	.6	1.1	1.4	2.5	(2)	.2
20 TO 49 EMPLOYEES . . . . .	32	1.1	3.7	1.0	1.8	3.0	6.2	8.2	14.3	.3	2.0
50 TO 99 EMPLOYEES . . . . .	35	2.5	8.9	2.3	4.2	7.4	13.7	19.7	32.4	.3	6.2
100 TO 249 EMPLOYEES . . . . .	74	12.7	40.5	11.7	20.9	34.1	73.6	87.7	157.4	2.5	24.8
250 TO 499 EMPLOYEES . . . . .	42	14.7	47.6	13.6	24.3	41.2	77.5	114.1	190.3	1.7	40.3
500 TO 999 EMPLOYEES . . . . .	11	7.0	23.9	6.5	12.0	19.9	43.0	53.0	91.1	1.3	26.6
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> . . . . .	32	.1	.4	.1	.2	.3	.6	.8	1.4	-	.3
2328-22 JOBBERS											
ESTABLISHMENTS, TOTAL . . . . .	60	10.0	36.2	8.4	15.3	26.3	133.4	398.4	521.5	2.0	100.1
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES . . . . .	11	.1	.7	.1	.2	.7	22.4	58.4	80.3	.1	6.8
5 TO 9 EMPLOYEES . . . . .	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
10 TO 19 EMPLOYEES . . . . .	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20 TO 49 EMPLOYEES . . . . .	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
50 TO 99 EMPLOYEES . . . . .	9	.7	2.5	.6	1.1	2.0	6.2	13.8	19.5	(2)	2.1
100 TO 249 EMPLOYEES . . . . .	16	2.7	12.0	2.0	3.8	6.6	52.6	166.0	209.6	1.5	59.1
250 TO 499 EMPLOYEES . . . . .	10	3.6	11.2	3.1	5.6	9.4	26.8	91.8	118.2	.3	24.6
500 TO 999 EMPLOYEES . . . . .	4	2.8	9.8	2.4	4.4	7.7	25.4	68.5	93.7	.1	7.4
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> . . . . .	10	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2328-33 INDEPENDENT CONTRACTORS											
ESTABLISHMENTS, TOTAL . . . . .	52	6.1	18.9	5.6	9.7	16.4	24.5	6.2	30.5	.5	2.2
5 TO 9 EMPLOYEES . . . . .	1	.4	1.2	.4	.6	1.1	1.7	.5	2.2	.1	.3
10 TO 19 EMPLOYEES . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20 TO 49 EMPLOYEES . . . . .	13	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
50 TO 99 EMPLOYEES . . . . .	16	1.2	3.8	1.1	1.9	3.2	4.7	1.1	5.7	(D)	.7
100 TO 249 EMPLOYEES . . . . .	17	2.8	7.9	2.5	4.3	6.9	10.1	3.2	13.4	.2	.9
250 TO 499 EMPLOYEES . . . . .	3	1.7	5.9	1.6	2.8	5.2	7.9	1.4	9.4	.1	.3
500 TO 999 EMPLOYEES . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> . . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnote at end of table.

TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number	Payroll	Number	Man-hours	Wages					
		(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					
2328-44 MULTIPLANT COMPANY CONTRACTORS											
ESTABLISHMENTS, TOTAL. . . . .	108	23.8	73.8	22.7	40.9	67.6	91.7	22.3	113.4	2.1	11.6
20 TO 49 EMPLOYEES . . . . .	5	.2	.4	.1	.2	.3	.5	.1	.6	.2	(2)
50 TO 99 EMPLOYEES . . . . .	19	1.4	4.3	1.4	2.4	3.9	5.4	.4	5.9	(D)	.5
100 TO 249 EMPLOYEES . . . . .	52	9.2	28.0	8.7	15.8	25.8	36.7	7.4	44.0	1.0	4.0
250 TO 499 EMPLOYEES . . . . .	26	13.1	41.1	12.5	22.5	37.6	49.1	14.4	62.8	.9	7.0
500 TO 999 EMPLOYEES . . . . .	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2329-- MEN'S AND BOYS' CLOTHING, NEC											
ESTABLISHMENTS, TOTAL. . . . .	549	42.6	170.6	38.1	68.2	133.4	318.1	360.4	677.7	5.1	111.4
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	73	.1	.7	.1	.2	.4	1.0	3.6	4.7	.6	.7
5 TO 9 EMPLOYEES . . . . .	34	.2	1.6	.2	.4	1.0	3.8	10.8	14.7	(2)	1.8
10 TO 19 EMPLOYEES . . . . .	75	1.1	4.9	.9	1.7	3.5	11.1	22.5	35.3	.1	3.5
20 TO 49 EMPLOYEES . . . . .	122	4.0	17.6	3.5	6.5	13.7	29.5	37.3	67.1	.4	9.0
50 TO 99 EMPLOYEES . . . . .	113	8.2	32.5	7.3	13.1	25.0	57.8	64.1	120.7	1.3	13.9
100 TO 249 EMPLOYEES . . . . .	100	15.1	58.7	13.7	24.4	47.3	95.6	78.7	174.6	1.3	26.0
250 TO 499 EMPLOYEES . . . . .	26	8.6	35.1	7.5	13.9	27.4	63.6	85.4	147.5	1.0	29.5
500 TO 999 EMPLOYEES . . . . .	5	5.1	19.6	4.7	8.2	15.2	55.5	57.9	113.2	.4	27.0
1,000 TO 2,499 EMPLOYEES . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTAB5. COVERED BY ADMIN.RECORDS <sup>1</sup> .	66	.2	.8	.2	.3	.6	1.3	2.2	3.5	(2)	.6
2329-11 MANUFACTURERS											
ESTABLISHMENTS, TOTAL. . . . .	271	20.3	79.7	18.3	32.8	62.7	136.8	141.5	277.7	2.7	43.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	44	.1	.3	.1	.1	.2	.5	.6	1.1	.6	.2
5 TO 9 EMPLOYEES . . . . .	18	.1	.7	.1	.2	.5	1.2	1.4	2.5	(D)	.5
10 TO 19 EMPLOYEES . . . . .	28	.4	1.7	.4	.7	1.3	2.4	2.9	5.3	(2)	.9
20 TO 49 EMPLOYEES . . . . .	59	2.0	8.6	1.8	3.3	6.7	14.0	13.8	27.8	.2	3.6
50 TO 99 EMPLOYEES . . . . .	56	4.1	16.7	3.7	6.6	12.9	29.1	28.3	57.0	.7	7.6
100 TO 249 EMPLOYEES . . . . .	49	7.2	28.5	6.4	11.8	22.3	48.6	51.5	100.9	.6	16.3
250 TO 499 EMPLOYEES . . . . .	15	6.4	23.2	5.8	10.2	18.7	41.0	43.1	83.0	.5	14.6
500 TO 999 EMPLOYEES . . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTAB5. COVERED BY ADMIN.RECORDS <sup>1</sup> .	43	.1	.5	.1	.2	.4	.8	.9	1.7	-	.3
2329-22 JOBBERS											
ESTABLISHMENTS, TOTAL. . . . .	75	4.3	23.2	3.1	5.6	11.9	88.1	199.0	287.2	.8	56.3
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	21	(2)	.3	(2)	(2)	.1	.4	3.0	3.5	(2)	.5
5 TO 9 EMPLOYEES . . . . .	13	.1	.8	.1	.1	.3	2.5	9.4	12.0	(D)	1.3
10 TO 19 EMPLOYEES . . . . .	16	.2	1.3	.2	.3	.5	6.1	19.1	26.8	(2)	2.5
20 TO 49 EMPLOYEES . . . . .	9	.3	2.1	.2	.3	1.0	6.7	22.0	29.0	.1	4.8
50 TO 99 EMPLOYEES . . . . .	7	.5	3.1	.2	.5	1.1	12.8	32.2	44.1	.2	5.2
100 TO 249 EMPLOYEES . . . . .	4	.7	3.3	.5	1.0	1.8	11.0	21.0	30.9	.1	6.7
250 TO 499 EMPLOYEES . . . . .	3	2.5	12.3	1.9	3.4	7.0	48.6	92.2	142.9	.4	35.3
500 TO 999 EMPLOYEES . . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTAB5. COVERED BY ADMIN.RECORDS <sup>1</sup> .	14	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2329-33 INDEPENDENT CONTRACTORS											
ESTABLISHMENTS, TOTAL. . . . .	174	12.3	47.8	11.4	20.4	41.8	62.5	9.3	71.6	1.2	3.4
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	8	(2)	.1	(2)	(2)	.1	.1	(2)	.1	-	(2)
5 TO 9 EMPLOYEES . . . . .	3	(2)	.1	(2)	(2)	.1	.1	(2)	.2	-	(2)
10 TO 19 EMPLOYEES . . . . .	28	2.1	8.5	2.0	3.5	7.2	11.2	2.0	13.1	.1	.7
20 TO 49 EMPLOYEES . . . . .	53	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
50 TO 99 EMPLOYEES . . . . .	42	3.0	10.2	2.9	5.0	9.1	13.1	2.2	15.2	.3	.5
100 TO 249 EMPLOYEES . . . . .	33	4.9	18.8	4.6	7.9	16.3	24.7	4.0	28.7	.5	1.7
250 TO 499 EMPLOYEES . . . . .	7	2.2	10.2	2.0	4.0	9.1	13.4	1.1	14.4	.4	.5
ESTAB5. COVERED BY ADMIN.RECORDS <sup>1</sup> .	9	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.



TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

(See Appendix, Explanation of Items)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number	Payroll	Number	Man-hours	Wages					
		(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					
2329-44 MULTIPLANT COMPANY CONTRACTORS											
ESTABLISHMENTS, TOTAL. . . . .	29	5.6	19.8	5.3	9.4	17.0	30.6	10.6	39.3	.5	8.0
10 TO 19 EMPLOYEES. . . . .	3	(2)	.3	(2)	.1	.2	.4	(2)	.5	(2)	(2)
20 TO 49 EMPLOYEES. . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
50 TO 99 EMPLOYEES. . . . .	8	.6	2.5	.6	1.0	2.0	2.9	1.4	4.4	.1	.6
100 TO 249 EMPLOYEES. . . . .	14	2.4	8.1	2.2	3.8	6.9	11.3	2.1	14.0	.2	1.4
250 TO 499 EMPLOYEES. . . . .	1	2.5	9.0	2.5	4.5	7.9	16.1	7.0	20.4	.2	6.1
500 TO 999 EMPLOYEES. . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1,000 TO 2,499 EMPLOYEES. . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2331-- WOMEN'S & MISSES' BLOUSES & WAISTS											
ESTABLISHMENTS, TOTAL. . . . .	990	56.1	209.0	50.5	90.4	166.9	384.2	354.0	727.0	6.2	85.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES. . . . .	118	3.1	16.4	2.6	4.9	10.3	40.0	81.9	121.0	.3	9.0
5 TO 9 EMPLOYEES. . . . .	97	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
10 TO 19 EMPLOYEES. . . . .	149	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
20 TO 49 EMPLOYEES. . . . .	315	10.3	39.2	9.3	15.8	30.8	79.0	102.0	179.6	.9	11.8
50 TO 99 EMPLOYEES. . . . .	181	12.5	47.1	11.4	19.8	38.2	88.4	84.1	171.2	1.4	17.5
100 TO 249 EMPLOYEES. . . . .	91	13.5	47.0	12.6	23.3	40.9	67.3	24.7	90.7	1.0	6.0
250 TO 499 EMPLOYEES. . . . .	28	9.1	34.3	8.0	14.8	26.4	63.2	41.8	104.1	.8	9.5
500 TO 999 EMPLOYEES. . . . .	9	7.7	24.9	6.6	11.9	20.5	46.8	19.6	60.5	1.6	31.1
1,000 TO 2,499 EMPLOYEES. . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABLS. COVERED BY ADMIN. RECORDS <sup>1</sup> . . . . .	128	.4	1.6	.4	.6	1.2	3.0	3.2	6.2	(2)	.6
2331-11 MANUFACTURERS											
ESTABLISHMENTS, TOTAL. . . . .	285	15.1	58.1	13.2	23.9	45.0	121.1	96.0	209.8	2.3	48.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES. . . . .	79	1.0	4.3	.9	1.7	3.3	7.9	7.3	15.2	(2)	1.3
5 TO 9 EMPLOYEES. . . . .	39	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
10 TO 19 EMPLOYEES. . . . .	34	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
20 TO 49 EMPLOYEES. . . . .	62	2.0	7.9	1.8	3.3	6.3	15.3	11.9	27.1	.2	2.3
50 TO 99 EMPLOYEES. . . . .	40	2.8	11.9	2.5	4.4	9.5	20.3	23.5	43.7	.3	4.2
100 TO 249 EMPLOYEES. . . . .	17	2.5	9.2	2.2	4.1	7.3	18.9	17.5	35.5	.2	4.2
250 TO 499 EMPLOYEES. . . . .	8	2.6	11.1	2.1	4.1	7.5	26.4	19.4	45.2	.4	5.7
500 TO 999 EMPLOYEES. . . . .	5	4.3	13.5	3.7	6.4	11.1	32.2	16.2	43.1	1.2	30.8
1,000 TO 2,499 EMPLOYEES. . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2331-22 JOBBERS											
ESTABLISHMENTS, TOTAL. . . . .	137	4.1	25.6	2.8	5.5	11.2	102.5	244.9	344.4	1.1	31.1
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES. . . . .	19	(2)	.4	(2)	.1	.1	1.5	3.1	4.6	(2)	.4
5 TO 9 EMPLOYEES. . . . .	32	.2	1.8	.1	.2	.5	6.9	18.8	25.5	.1	1.5
10 TO 19 EMPLOYEES. . . . .	35	.5	4.3	.2	.5	1.3	15.7	51.6	66.6	.1	5.3
20 TO 49 EMPLOYEES. . . . .	35	1.1	7.4	.7	1.3	2.8	31.8	87.1	117.7	.2	8.7
50 TO 99 EMPLOYEES. . . . .	12	.9	5.8	.6	1.2	2.5	30.6	57.4	87.1	.5	12.5
100 TO 249 EMPLOYEES. . . . .	1	1.3	6.0	1.2	2.2	4.0	16.1	26.8	42.8	.2	2.6
250 TO 499 EMPLOYEES. . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
500 TO 999 EMPLOYEES. . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2331-33 CONTRACTORS											
ESTABLISHMENTS, TOTAL. . . . .	568	36.9	125.3	34.5	61.0	110.7	160.6	13.1	172.8	2.7	5.3
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES. . . . .	20	1.4	5.6	1.4	2.4	5.0	8.0	.9	9.1	.1	.4
5 TO 9 EMPLOYEES. . . . .	26	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
10 TO 19 EMPLOYEES. . . . .	80	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
20 TO 49 EMPLOYEES. . . . .	218	7.2	23.9	6.8	11.3	21.6	31.9	3.0	34.8	.5	.8
50 TO 99 EMPLOYEES. . . . .	129	8.8	29.4	8.3	14.2	26.2	37.4	3.2	40.3	.6	.8
100 TO 249 EMPLOYEES. . . . .	73	19.5	66.4	18.0	33.2	57.8	83.3	6.1	88.7	1.3	3.2
250 TO 499 EMPLOYEES. . . . .	18	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
500 TO 999 EMPLOYEES. . . . .	3	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1,000 TO 2,499 EMPLOYEES. . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

See footnotes at end of table.

TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					
2335-- WOMEN'S AND MISSES' DRESSES											
ESTABLISHMENTS, TOTAL. . . . .	5 225	209.6	889.4	183.7	322.8	687.1	1 588.5	1 507.8	3 086.3	18.6	223.9
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	850	1.6	7.8	1.5	2.4	5.6	20.3	29.6	50.0	.3	4.3
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	482	3.3	17.8	2.9	4.8	11.6	40.8	60.5	101.2	.3	8.4
10 TO 19 EMPLOYEES <sup>e</sup> . . . . .	795	11.3	62.7	9.3	16.8	41.7	136.7	209.5	345.8	1.3	21.0
20 TO 49 EMPLOYEES <sup>e</sup> . . . . .	1 822	59.6	263.6	52.3	91.0	204.8	475.5	438.6	912.3	4.9	51.9
50 TO 99 EMPLOYEES <sup>e</sup> . . . . .	865	57.6	236.6	51.5	89.3	189.1	398.6	324.7	718.7	5.0	49.2
100 TO 249 EMPLOYEES <sup>e</sup> . . . . .	335	47.3	187.5	41.6	73.6	148.5	319.1	255.7	573.2	4.7	45.0
250 TO 499 EMPLOYEES <sup>e</sup> . . . . .	66	21.7	84.9	18.5	32.9	63.5	140.9	127.3	267.5	1.9	23.9
500 TO 999 EMPLOYEES <sup>e</sup> . . . . .	9	7.3	28.5	6.1	11.9	22.2	56.6	62.1	117.8	.3	20.2
1,000 TO 2,499 EMPLOYEES <sup>e</sup> . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN.RECORDS <sup>1 e</sup>	884	2.5	11.5	2.5	3.9	8.7	21.6	21.6	43.2	.1	4.1
2335-11 MANUFACTURERS											
ESTABLISHMENTS, TOTAL. . . . .	1 870	64.2	282.4	54.9	99.1	209.0	522.9	449.2	968.1	5.5	87.9
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	592	1.1	4.8	1.1	1.7	3.8	8.9	7.0	15.9	.1	1.3
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	252	1.7	7.4	1.6	2.6	5.7	12.7	10.0	22.6	(2)	1.9
10 TO 19 EMPLOYEES <sup>e</sup> . . . . .	282	3.9	17.9	3.4	6.0	13.4	31.9	29.8	61.4	.3	4.9
20 TO 49 EMPLOYEES <sup>e</sup> . . . . .	406	12.9	60.2	10.9	19.7	45.3	117.3	91.8	208.3	1.6	14.4
50 TO 99 EMPLOYEES <sup>e</sup> . . . . .	198	13.4	60.6	11.4	20.4	44.8	112.3	91.0	202.3	1.4	15.8
100 TO 249 EMPLOYEES <sup>e</sup> . . . . .	99	14.3	62.6	12.1	22.4	46.0	117.7	102.8	219.9	2.1	19.6
250 TO 499 EMPLOYEES <sup>e</sup> . . . . .	33	16.9	68.8	14.3	26.4	49.9	122.1	116.9	237.7	(0)	29.9
500 TO 999 EMPLOYEES <sup>e</sup> . . . . .	7	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1,000 TO 2,499 EMPLOYEES <sup>e</sup> . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2335-22 JOBBERS											
ESTABLISHMENTS, TOTAL. . . . .	713	19.3	145.4	12.1	23.3	69.7	477.0	1 012.4	1 485.7	5.4	121.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	119	.2	1.6	.1	.2	.7	9.4	22.4	32.0	.2	2.8
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	103	.7	6.3	.4	.8	2.5	21.5	49.7	71.3	.3	5.9
10 TO 19 EMPLOYEES <sup>e</sup> . . . . .	189	2.6	24.0	1.5	3.0	10.0	76.9	177.2	254.0	.8	15.3
20 TO 49 EMPLOYEES <sup>e</sup> . . . . .	202	6.1	50.2	3.5	6.8	22.8	162.0	331.8	493.1	1.7	33.8
50 TO 99 EMPLOYEES <sup>e</sup> . . . . .	66	4.4	31.4	3.0	5.6	16.5	104.5	220.4	322.0	1.5	29.3
100 TO 249 EMPLOYEES <sup>e</sup> . . . . .	30	3.8	22.8	2.5	4.6	11.7	71.1	143.3	214.2	.9	21.7
250 TO 499 EMPLOYEES <sup>e</sup> . . . . .	3	1.4	9.2	1.0	2.2	5.5	31.7	67.5	99.2	(0)	12.9
500 TO 999 EMPLOYEES <sup>e</sup> . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2335-33 CONTRACTORS											
ESTABLISHMENTS, TOTAL. . . . .	2 642	126.1	461.7	116.7	200.4	408.4	588.6	46.1	632.6	7.7	14.3
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	139	.3	1.4	.3	.5	1.1	2.0	.1	2.1	-	.2
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	127	.9	4.2	.8	1.5	3.4	6.6	.7	7.4	(2)	.6
10 TO 19 EMPLOYEES <sup>e</sup> . . . . .	324	4.8	20.8	4.4	7.8	18.2	27.9	2.5	30.3	.2	.8
20 TO 49 EMPLOYEES <sup>e</sup> . . . . .	1 214	40.6	153.3	37.9	64.5	136.7	196.2	15.0	210.9	1.6	3.7
50 TO 99 EMPLOYEES <sup>e</sup> . . . . .	601	39.7	144.6	37.0	63.3	127.8	181.8	13.3	194.4	2.1	4.1
100 TO 249 EMPLOYEES <sup>e</sup> . . . . .	206	29.2	102.0	27.0	46.7	90.9	130.3	9.5	139.1	3.0	3.8
250 TO 499 EMPLOYEES <sup>e</sup> . . . . .	30	10.7	25.4	9.3	16.2	30.3	43.7	5.0	48.3	.9	1.2
500 TO 999 EMPLOYEES <sup>e</sup> . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2337-- WOMEN'S & MISSES' SUITS & COATS											
ESTABLISHMENTS, TOTAL. . . . .	2 101	83.8	423.3	71.6	127.4	308.7	786.7	977.5	1 776.4	9.5	153.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	273	.5	3.0	.5	.7	2.0	6.5	12.1	18.6	(2)	1.4
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	203	1.4	8.9	1.1	1.9	5.3	20.1	44.2	64.2	.2	4.6
10 TO 19 EMPLOYEES <sup>e</sup> . . . . .	390	5.5	33.6	4.3	7.6	20.9	71.9	133.4	205.0	1.0	15.4
20 TO 49 EMPLOYEES <sup>e</sup> . . . . .	719	23.4	118.4	20.2	35.5	88.5	204.2	249.5	453.6	2.1	30.8
50 TO 99 EMPLOYEES <sup>e</sup> . . . . .	372	25.1	117.7	22.3	39.5	93.5	187.9	163.4	352.8	1.5	23.6
100 TO 249 EMPLOYEES <sup>e</sup> . . . . .	116	16.7	81.0	14.5	25.5	60.4	160.5	176.3	333.3	3.0	27.2
250 TO 499 EMPLOYEES <sup>e</sup> . . . . .	22	7.1	37.7	5.9	11.4	26.1	79.4	110.2	191.5	1.0	23.4
500 TO 999 EMPLOYEES <sup>e</sup> . . . . .	6	4.1	23.0	2.9	5.4	12.0	56.2	88.3	157.3	.8	26.6
ESTABS. COVERED BY ADMIN.RECORDS <sup>1 e</sup>	240	.6	3.3	.6	.9	2.3	6.0	7.7	13.8	(2)	1.2

See footnotes at end of table.



TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					
2337-11 MANUFACTURERS											
ESTABLISHMENTS, TOTAL . . . . .	712	27.4	138.9	23.1	41.6	100.2	249.4	260.2	509.8	2.8	51.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>6</sup> . . . . .	172	.3	1.7	.3	.5	1.2	2.8	2.7	5.5	.1	.5
5 TO 9 EMPLOYEES <sup>6</sup> . . . . .	94	.6	3.2	.6	.9	2.4	5.7	5.4	11.1	(D)	.9
10 TO 19 EMPLOYEES <sup>6</sup> . . . . .	124	1.7	8.9	1.5	2.5	6.6	16.6	16.8	33.4	.2	3.0
20 TO 49 EMPLOYEES <sup>6</sup> . . . . .	173	5.4	27.7	4.6	8.1	20.4	49.2	47.9	97.3	.8	7.1
50 TO 99 EMPLOYEES <sup>6</sup> . . . . .	90	6.1	31.2	5.2	9.4	23.0	56.6	53.9	110.8	.5	9.0
100 TO 249 EMPLOYEES <sup>6</sup> . . . . .	40	5.9	31.0	5.0	8.9	22.0	60.0	59.1	117.8	.6	11.1
250 TO 499 EMPLOYEES <sup>6</sup> . . . . .	15	4.8	23.9	4.0	7.8	16.8	43.0	53.5	96.6	.5	12.4
500 TO 999 EMPLOYEES <sup>6</sup> . . . . .	4	2.4	11.2	1.9	3.5	7.7	15.5	21.0	37.3	.1	7.7
2337-22 JOBBERS											
ESTABLISHMENTS, TOTAL . . . . .	423	13.3	100.9	8.4	16.1	48.7	310.2	685.2	1 008.6	4.0	92.3
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>6</sup> . . . . .	65	.1	.9	.1	.1	.4	3.0	9.4	12.4	.1	.9
5 TO 9 EMPLOYEES <sup>6</sup> . . . . .	68	.5	4.1	.2	.5	1.6	12.0	38.1	50.0	(D)	3.4
10 TO 19 EMPLOYEES <sup>6</sup> . . . . .	118	1.6	14.5	.8	1.7	5.7	42.2	114.2	156.3	.8	11.9
20 TO 49 EMPLOYEES <sup>6</sup> . . . . .	110	3.4	27.0	2.0	3.9	12.5	75.9	190.2	266.0	.7	21.2
50 TO 99 EMPLOYEES <sup>6</sup> . . . . .	37	2.4	16.4	1.6	2.9	9.0	44.1	97.2	143.0	.3	11.4
100 TO 249 EMPLOYEES <sup>6</sup> . . . . .	20	2.6	16.7	1.9	3.5	9.3	61.2	112.4	171.5	1.3	13.7
250 TO 499 EMPLOYEES <sup>6</sup> . . . . .	3	2.8	21.2	1.7	3.6	10.0	71.9	123.6	209.2	.9	29.7
500 TO 999 EMPLOYEES <sup>6</sup> . . . . .	2	(D)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
2337-33 CONTRACTORS											
ESTABLISHMENTS, TOTAL . . . . .	966	43.1	183.5	40.1	69.7	159.8	227.0	32.0	258.0	2.7	9.1
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>6</sup> . . . . .	36	.1	.4	.1	.1	.3	.7	(Z)	.7	(Z)	(Z)
5 TO 9 EMPLOYEES <sup>6</sup> . . . . .	41	.3	1.5	.3	.4	1.2	2.4	.7	3.1	(D)	.2
10 TO 19 EMPLOYEES <sup>6</sup> . . . . .	148	2.1	10.1	2.0	3.3	8.6	13.1	2.4	15.4	.1	.5
20 TO 49 EMPLOYEES <sup>6</sup> . . . . .	436	14.6	63.7	13.6	23.6	55.5	79.1	11.3	90.3	.6	2.5
50 TO 99 EMPLOYEES <sup>6</sup> . . . . .	245	16.6	70.0	15.5	27.1	61.5	87.2	12.3	99.0	.6	3.2
100 TO 249 EMPLOYEES <sup>6</sup> . . . . .	56	8.1	33.4	7.6	13.1	29.0	39.3	4.9	44.0	1.1	2.4
250 TO 499 EMPLOYEES <sup>6</sup> . . . . .	4	1.2	4.4	1.1	2.0	3.7	5.3	.4	5.6	.2	.3
2339-- WOMEN'S & MISSES' OUTERWEAR, NEC											
ESTABLISHMENTS, TOTAL . . . . .	1 100	59.7	234.1	51.7	93.9	172.9	423.2	518.2	944.3	8.1	144.3
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>6</sup> . . . . .	175	.3	1.5	.3	.5	1.1	3.5	7.4	10.9	.1	1.2
5 TO 9 EMPLOYEES <sup>6</sup> . . . . .	116	.8	3.5	.7	1.1	2.4	8.2	20.8	28.7	(D)	3.9
10 TO 19 EMPLOYEES <sup>6</sup> . . . . .	153	2.2	10.5	1.9	3.4	6.9	26.1	52.6	79.7	.3	7.5
20 TO 49 EMPLOYEES <sup>6</sup> . . . . .	284	9.0	35.5	7.9	13.8	27.6	61.9	65.7	127.8	1.2	11.2
50 TO 99 EMPLOYEES <sup>6</sup> . . . . .	206	14.3	54.2	12.8	23.2	43.2	96.8	91.4	186.9	1.5	20.5
100 TO 249 EMPLOYEES <sup>6</sup> . . . . .	134	19.8	74.1	17.6	32.1	57.3	123.5	127.3	255.8	2.4	37.2
250 TO 499 EMPLOYEES <sup>6</sup> . . . . .	29	13.2	54.8	10.4	19.6	34.4	103.3	153.0	254.4	2.6	62.8
500 TO 999 EMPLOYEES <sup>6</sup> . . . . .	2	(D)	(O)	(O)	(O)	(O)	(O)	(D)	(D)	(D)	(D)
1,000 TO 2,499 EMPLOYEES <sup>6</sup> . . . . .	1	(D)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
ESTABLS. COVERED BY ADMIN. RECORDS <sup>10</sup>	205	.8	3.0	.8	1.3	2.2	5.1	6.7	11.8	.1	1.7
2339-11 MANUFACTURERS											
ESTABLISHMENTS, TOTAL . . . . .	470	26.9	109.2	22.5	41.2	74.4	197.9	246.6	441.5	4.2	87.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>6</sup> . . . . .	103	.2	.8	.2	.4	.6	1.3	1.2	2.5	(Z)	.3
5 TO 9 EMPLOYEES <sup>6</sup> . . . . .	70	.5	1.7	.5	.7	1.2	2.6	2.6	5.2	(D)	.7
10 TO 19 EMPLOYEES <sup>6</sup> . . . . .	68	1.0	3.9	.9	1.6	2.8	7.3	6.3	13.7	(Z)	1.6
20 TO 49 EMPLOYEES <sup>6</sup> . . . . .	96	3.0	12.2	2.6	4.7	8.9	21.8	22.3	44.0	.4	5.3
50 TO 99 EMPLOYEES <sup>6</sup> . . . . .	55	3.8	14.0	3.3	6.1	10.8	24.1	26.6	50.2	.3	6.3
100 TO 249 EMPLOYEES <sup>6</sup> . . . . .	55	8.2	32.4	7.2	13.2	23.3	59.8	71.1	131.0	1.1	20.1
250 TO 499 EMPLOYEES <sup>6</sup> . . . . .	20	10.2	44.1	7.9	14.5	26.7	81.0	116.4	195.0	2.4	53.2
500 TO 999 EMPLOYEES <sup>6</sup> . . . . .	2	(D)	(O)	(O)	(O)	(O)	(O)	(D)	(O)	(O)	(O)
1,000 TO 2,499 EMPLOYEES <sup>6</sup> . . . . .	1	(D)	(O)	(O)	(O)	(O)	(O)	(D)	(O)	(O)	(O)

See footnotes at end of table

TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)											
Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					
2339-22 JOBBERS											
ESTABLISHMENTS, TOTAL . . . . .	169	5.8	30.3	4.1	7.6	16.3	97.6	254.1	357.7	1.6	49.4
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	48	.1	.5	.1	.1	.4	1.9	6.2	8.1	.1	.8
5 TO 9 EMPLOYEES . . . . .	27	.2	1.3	.1	.2	.8	4.9	18.1	22.7	(D)	3.1
10 TO 19 EMPLOYEES . . . . .	33	.5	3.6	.3	.6	1.6	14.5	45.5	61.1	.2	5.6
20 TO 49 EMPLOYEES . . . . .	25	.7	4.9	.5	.9	3.1	14.7	37.2	52.1	.4	4.4
50 TO 99 EMPLOYEES . . . . .	24	1.7	8.0	1.2	2.4	4.6	31.9	60.3	91.7	.6	12.6
100 TO 249 EMPLOYEES . . . . .	8	1.2	6.5	.8	1.5	2.9	14.0	50.4	69.5	.2	13.4
250 TO 499 EMPLOYEES . . . . .	4	1.4	5.4	1.0	1.9	2.9	15.8	36.4	52.6	.1	9.4
2339-33 CONTRACTORS											
ESTABLISHMENTS, TOTAL . . . . .	461	27.0	94.6	25.1	45.0	82.2	127.6	17.5	145.1	2.3	7.3
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	24	.1	.2	.1	.1	.1	.3	(2)	.3	(2)	(2)
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	19	.1	.5	.1	.2	.4	.7	.1	.8	(D)	.1
10 TO 19 EMPLOYEES . . . . .	52	.8	3.0	.7	1.2	2.5	4.3	.7	5.0	(2)	.2
20 TO 49 EMPLOYEES . . . . .	163	5.2	18.4	4.8	8.2	15.6	25.4	6.1	31.7	.4	1.5
50 TO 99 EMPLOYEES . . . . .	127	8.8	32.1	8.2	14.8	27.7	40.8	4.4	45.1	.7	1.6
100 TO 249 EMPLOYEES . . . . .	71	10.4	35.2	9.6	17.4	31.1	49.7	5.7	55.4	1.1	3.7
250 TO 499 EMPLOYEES . . . . .	5	1.6	5.2	1.5	3.1	4.8	6.5	.4	6.8	.1	.1
ESTABLS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	32	.2	.6	.2	.3	.4	.8	.1	.9	-	.1
2341-- WOMEN'S AND CHILDREN'S UNDERWEAR											
ESTABLISHMENTS, TOTAL . . . . .	890	75.5	282.3	67.2	120.0	221.3	515.9	604.0	1 116.8	11.0	169.2
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	129	.3	1.3	.2	.4	1.0	3.6	12.8	16.5	.8	1.9
5 TO 9 EMPLOYEES . . . . .	91	.6	3.4	.5	.9	2.4	8.4	28.2	36.5	(D)	5.9
10 TO 19 EMPLOYEES . . . . .	103	1.5	6.5	1.2	2.1	4.9	17.2	41.2	58.2	.2	6.0
20 TO 49 EMPLOYEES . . . . .	190	6.2	24.0	5.4	9.2	18.5	41.4	63.4	104.4	.6	12.1
50 TO 99 EMPLOYEES . . . . .	162	11.6	43.3	10.4	18.3	34.4	77.5	89.6	167.4	.9	23.3
100 TO 249 EMPLOYEES . . . . .	136	21.2	79.5	18.6	33.2	61.6	146.7	166.9	312.1	3.5	50.9
250 TO 499 EMPLOYEES . . . . .	59	19.9	69.1	18.0	32.6	56.1	121.5	118.4	236.8	2.1	39.9
500 TO 999 EMPLOYEES . . . . .	19	14.1	55.1	12.8	23.4	42.4	99.6	83.4	185.0	3.0	29.3
1,000 TO 2,499 EMPLOYEES . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABLS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	150	.5	2.0	.5	.8	1.6	3.7	6.3	10.0	(2)	1.4
2341-11 MANUFACTURERS											
ESTABLISHMENTS, TOTAL . . . . .	451	36.2	136.3	32.1	57.7	104.7	257.3	275.9	535.9	4.7	81.2
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	88	.2	.6	.2	.3	.5	1.2	1.2	2.4	.9	.3
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	46	.3	1.2	.3	.5	.9	2.2	2.2	4.4	(D)	.6
10 TO 19 EMPLOYEES <sup>e</sup> . . . . .	49	.7	2.7	.7	1.1	2.1	5.0	5.4	10.3	(D)	1.1
20 TO 49 EMPLOYEES <sup>e</sup> . . . . .	79	2.6	9.5	2.3	4.0	7.4	14.9	18.7	33.9	(D)	3.7
50 TO 99 EMPLOYEES . . . . .	83	5.8	22.2	5.2	9.2	17.2	39.6	42.7	82.8	.4	11.3
100 TO 249 EMPLOYEES . . . . .	66	10.6	38.4	9.3	17.0	31.0	70.7	72.4	143.8	.9	20.7
250 TO 499 EMPLOYEES . . . . .	31	16.1	61.7	14.2	25.7	45.5	123.8	133.3	258.2	2.5	43.6
500 TO 999 EMPLOYEES . . . . .	9	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2341-22 JOBBERS											
ESTABLISHMENTS, TOTAL . . . . .	150	6.8	37.1	4.9	9.2	22.3	121.2	307.7	424.4	2.1	79.8
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	32	.1	.6	.1	.1	.4	2.3	11.6	14.1	.5	1.6
5 TO 9 EMPLOYEES . . . . .	31	.2	1.8	.1	.2	1.1	5.6	25.8	31.2	(D)	5.3
10 TO 19 EMPLOYEES . . . . .	28	.4	2.4	.2	.4	1.6	10.3	35.4	45.6	(D)	4.6
20 TO 49 EMPLOYEES . . . . .	29	.9	5.2	.5	.9	3.0	14.0	42.9	56.0	(D)	7.6
50 TO 99 EMPLOYEES . . . . .	16	1.2	5.6	.9	1.6	3.5	18.3	44.5	62.7	.1	11.1
100 TO 249 EMPLOYEES . . . . .	11	1.7	11.1	1.0	1.7	4.6	34.5	86.4	119.2	1.5	26.2
250 TO 499 EMPLOYEES . . . . .	2	2.3	10.2	2.1	4.2	8.0	36.3	61.0	95.5	(D)	23.5
1,000 TO 2,499 EMPLOYEES . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.



TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number	Payroll	Number	Man-hours	Wages					
		(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					
2341-33 CONTRACTORS											
ESTABLISHMENTS: TOTAL . . . . .	289	32.5	108.9	30.2	53.1	94.4	137.3	20.4	156.5	4.3	8.2
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	9	(2)	.1	(2)	(2)	(2)	.1	(2)	.1	-	(2)
5 TO 9 EMPLOYEES . . . . .	14	.1	.4	.1	.2	.3	.7	.1	.8	(2)	.1
10 TO 19 EMPLOYEES . . . . .	26	.4	1.4	.3	.6	1.1	1.9	.3	2.3	(0)	.3
20 TO 49 EMPLOYEES . . . . .	82	2.8	9.3	2.6	4.3	8.1	12.5	1.8	14.4	.2	.8
50 TO 99 EMPLOYEES . . . . .	63	4.6	15.4	4.4	7.5	13.7	19.6	2.4	21.9	.4	1.0
100 TO 249 EMPLOYEES . . . . .	59	8.9	29.9	8.3	14.6	26.0	41.5	8.2	49.0	2.0	4.0
250 TO 499 EMPLOYEES . . . . .	26	15.7	52.4	14.5	26.1	45.0	61.0	7.6	68.1	1.8	2.1
500 TO 999 EMPLOYEES . . . . .	10	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2342-- CORSETS AND ALLIED GARMENTS											
ESTABLISHMENTS: TOTAL . . . . .	323	38.0	161.5	32.1	57.7	109.1	351.4	310.2	663.3	6.7	116.2
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	38	.1	.4	.1	.1	.2	.7	1.2	2.0	(2)	.4
5 TO 9 EMPLOYEES . . . . .	23	.1	1.0	.1	.2	.3	4.4	9.4	13.7	(2)	1.3
10 TO 19 EMPLOYEES . . . . .	21	.3	1.2	.2	.4	.8	2.0	1.8	3.8	(2)	.5
20 TO 49 EMPLOYEES . . . . .	66	2.1	10.5	1.8	3.2	5.8	20.4	28.5	49.1	.3	5.9
50 TO 99 EMPLOYEES . . . . .	68	4.9	21.5	4.2	7.4	13.7	38.7	42.4	80.1	.8	14.3
100 TO 249 EMPLOYEES . . . . .	69	11.4	48.2	9.7	16.9	32.7	93.8	85.4	185.2	1.6	26.0
250 TO 499 EMPLOYEES . . . . .	23	7.5	28.2	6.5	11.9	21.5	73.5	50.2	122.0	1.8	20.3
500 TO 999 EMPLOYEES . . . . .	12	7.8	29.6	6.8	12.4	22.6	64.0	40.2	103.5	.7	20.6
1,000 TO 2,499 EMPLOYEES . . . . .	3	3.8	21.0	2.7	5.2	11.6	54.0	51.2	103.8	1.5	26.9
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> e	43	.1	.5	.1	.2	.3	1.0	1.2	2.2	(2)	.3
2351-- MILLINERY											
ESTABLISHMENTS: TOTAL . . . . .	477	8.2	36.9	7.2	12.3	29.1	63.5	48.8	112.4	.5	6.4
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	173	.3	1.7	.3	.6	1.3	4.3	4.5	8.9	(2)	.4
5 TO 9 EMPLOYEES . . . . .	75	.5	2.6	.5	.8	2.1	5.2	3.5	8.8	.1	.5
10 TO 19 EMPLOYEES . . . . .	96	1.4	6.7	1.2	2.1	5.1	12.3	9.8	22.1	.1	1.0
20 TO 49 EMPLOYEES . . . . .	105	3.2	14.8	2.8	4.9	11.5	25.2	18.1	43.3	.2	2.1
50 TO 99 EMPLOYEES . . . . .	21	1.3	5.4	1.2	2.0	4.2	8.3	6.7	15.0	.1	1.2
100 TO 249 EMPLOYEES . . . . .	6	1.5	5.8	1.3	2.1	4.9	8.1	6.0	14.3	(2)	1.2
500 TO 999 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> e	183	.5	2.1	.5	.8	1.8	4.8	3.3	8.1	.1	.4
2352-- HATS AND CAPS, EXCEPT MILLINERY											
ESTABLISHMENTS: TOTAL . . . . .	366	15.5	64.8	13.7	24.8	48.6	100.7	92.6	194.5	1.8	28.3
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	120	.2	.9	.2	.4	(2)	.2	2.3	4.3	(2)	.5
5 TO 9 EMPLOYEES . . . . .	50	.3	1.4	.3	.6	1.1	2.5	2.0	4.5	(0)	.5
10 TO 19 EMPLOYEES . . . . .	39	.5	2.3	.5	.8	1.7	4.1	4.2	8.3	(2)	1.0
20 TO 49 EMPLOYEES . . . . .	73	2.3	9.4	2.1	3.9	7.4	14.5	13.7	27.9	.3	3.9
50 TO 99 EMPLOYEES . . . . .	43	2.9	12.0	2.6	4.8	9.3	18.7	16.3	34.7	.4	4.4
100 TO 249 EMPLOYEES . . . . .	30	4.1	16.2	3.7	6.9	12.3	26.9	25.9	53.9	.5	7.9
250 TO 499 EMPLOYEES . . . . .	8	2.9	12.6	2.4	4.1	8.0	21.3	18.9	39.9	.3	4.7
500 TO 999 EMPLOYEES . . . . .	3	2.1	10.0	1.9	3.3	7.9	10.7	9.4	20.9	.3	5.4
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> e	136	.4	1.4	.4	.6	1.1	2.9	2.4	5.3	(2)	.7
2361-- CHILDREN'S DRESSES AND BLOUSES											
ESTABLISHMENTS: TOTAL . . . . .	623	35.3	134.6	31.2	54.6	103.2	242.4	252.4	496.0	3.4	47.2
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	72	.1	.6	.1	.2	.4	1.7	4.4	6.2	(2)	.5
5 TO 9 EMPLOYEES . . . . .	39	.3	1.3	.2	.3	.7	4.1	9.3	13.3	(2)	1.8
10 TO 19 EMPLOYEES . . . . .	84	1.2	6.1	1.0	1.7	3.7	16.4	28.8	45.1	.5	3.4
20 TO 49 EMPLOYEES . . . . .	204	6.7	25.8	6.0	9.9	19.3	46.5	58.6	104.8	.8	9.3
50 TO 99 EMPLOYEES . . . . .	128	8.8	34.4	7.9	13.7	26.5	54.8	49.5	104.7	.8	7.6
100 TO 249 EMPLOYEES . . . . .	79	11.6	41.5	10.3	18.3	33.4	74.7	59.5	134.4	.8	11.8
250 TO 499 EMPLOYEES . . . . .	14	6.6	24.8	5.6	10.4	19.2	44.4	42.3	87.7	.5	12.9
500 TO 999 EMPLOYEES . . . . .	3	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> e	74	.2	.8	.2	.3	.5	1.6	2.2	3.8	(2)	.4

See footnotes at end of table.

TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)											
Item	Establish- ments	All employees		Production workers			Value added by manufac- ture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expendi- tures, new (million dollars)	End-of- year inventories (million dollars)
		Number	Payroll (million dollars)	Number	Man-hours (millions)	Wages (million dollars)					
2361-11 MANUFACTURERS											
ESTABLISHMENTS: TOTAL . . . . .	212	11.9	47.3	10.0	18.2	34.8	87.8	88.5	178.5	1.7	23.3
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	50	.1	.3	.1	.1	.3	.6	.5	1.2	(Z)	.1
5 TO 9 EMPLOYEES . . . . .	21	.1	.6	.1	.2	.4	1.1	1.0	2.2	(0)	.2
10 TO 19 EMPLOYEES . . . . .	31	.5	1.8	.4	.7	1.4	3.5	3.0	6.6	.1	.5
20 TO 49 EMPLOYEES . . . . .	46	1.4	5.7	1.3	2.1	4.4	10.6	8.0	18.5	.5	2.2
50 TO 99 EMPLOYEES . . . . .	32	2.2	9.3	1.9	3.4	6.6	18.1	15.4	33.4	.5	2.8
100 TO 249 EMPLOYEES . . . . .	23	7.5	29.6	6.3	11.6	21.7	53.8	60.5	116.7	.7	17.5
250 TO 499 EMPLOYEES . . . . .	7	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
500 TO 999 EMPLOYEES . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2361-22 JOBBERS											
ESTABLISHMENTS: TOTAL . . . . .	102	4.2	22.5	3.2	5.5	11.5	70.1	154.8	224.8	.8	19.9
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	16	(Z)	.2	(Z)	(Z)	.1	1.0	3.8	5.0	(Z)	.4
5 TO 9 EMPLOYEES . . . . .	10	.1	.5	(Z)	.1	.2	2.7	8.2	10.8	(Z)	1.5
10 TO 19 EMPLOYEES . . . . .	26	.4	2.9	.2	.4	1.0	10.9	25.5	36.2	.4	2.8
20 TO 49 EMPLOYEES . . . . .	25	.8	5.5	.6	1.0	2.1	17.2	48.4	65.6	.2	6.5
50 TO 99 EMPLOYEES . . . . .	13	.9	5.4	.7	1.2	2.5	10.4	31.3	42.3	.1	3.8
100 TO 249 EMPLOYEES . . . . .	10	1.9	8.1	1.7	2.7	5.6	27.9	37.5	64.9	.1	5.0
250 TO 499 EMPLOYEES . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2361-33 CONTRACTORS											
ESTABLISHMENTS: TOTAL . . . . .	309	19.3	64.7	17.9	31.0	56.8	84.5	9.1	92.8	.9	3.9
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	6	(Z)	.1	(Z)	(Z)	(Z)	.1	(Z)	.1	-	(Z)
5 TO 9 EMPLOYEES . . . . .	8	.1	.2	.1	.1	.2	.3	(Z)	.3	-	(Z)
10 TO 19 EMPLOYEES . . . . .	27	.4	1.4	.4	.7	1.2	2.0	.2	2.3	(Z)	.1
20 TO 49 EMPLOYEES . . . . .	133	4.5	14.6	4.2	6.7	12.8	18.6	2.2	20.7	.2	.7
50 TO 99 EMPLOYEES . . . . .	83	5.6	19.8	5.3	9.1	17.4	26.2	2.9	28.9	.3	1.0
100 TO 249 EMPLOYEES . . . . .	46	8.7	28.7	8.1	14.4	25.2	37.3	3.8	40.5	.5	2.2
250 TO 499 EMPLOYEES . . . . .	5	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
500 TO 999 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2363-- CHILDREN'S COATS AND SUITS											
ESTABLISHMENTS: TOTAL . . . . .	231	10.9	45.9	9.6	17.7	34.3	78.2	96.0	175.3	1.4	15.8
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	31	.1	.3	.1	.1	.2	.8	1.6	2.4	(Z)	.3
5 TO 9 EMPLOYEES . . . . .	26	.2	1.1	.2	.2	.7	5.0	7.0	12.0	(Z)	.7
10 TO 19 EMPLOYEES . . . . .	39	.6	3.5	.5	.8	2.1	7.4	18.6	26.3	.1	2.5
20 TO 49 EMPLOYEES . . . . .	68	2.1	9.2	1.8	3.3	6.9	14.8	18.8	33.5	.4	3.4
50 TO 99 EMPLOYEES . . . . .	40	2.8	13.0	2.4	4.2	9.6	23.4	28.4	52.5	.4	5.2
100 TO 249 EMPLOYEES . . . . .	20	3.3	12.4	3.0	5.6	9.6	18.4	18.4	36.9	.3	3.1
250 TO 499 EMPLOYEES . . . . .	7	1.9	6.4	1.7	3.4	5.2	8.4	3.2	11.7	.1	.8
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> . . . . .	42	.1	.7	.1	.2	.5	1.2	1.5	2.6	(Z)	.4
2363-11 MANUFACTURERS											
ESTABLISHMENTS: TOTAL . . . . .	96	4.1	18.2	3.6	6.4	13.9	30.0	31.8	61.9	.4	7.4
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	22	(Z)	.2	(Z)	.1	.1	.3	.4	.7	(Z)	.1
5 TO 9 EMPLOYEES . . . . .	12	.1	.4	.1	.1	.3	.6	.7	1.3	(0)	.2
10 TO 19 EMPLOYEES . . . . .	16	.2	1.2	.2	.4	.8	2.1	2.5	4.6	(Z)	.6
20 TO 49 EMPLOYEES . . . . .	18	.6	2.8	.5	1.0	2.0	5.0	4.8	9.7	.3	1.0
50 TO 99 EMPLOYEES . . . . .	19	1.3	6.0	1.2	2.1	4.7	9.9	9.7	19.5	(0)	2.4
100 TO 249 EMPLOYEES . . . . .	7	1.8	7.8	1.6	2.8	5.8	12.2	13.7	26.1	(0)	3.2
250 TO 499 EMPLOYEES . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

See footnotes at end of table.



TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					
2363-22 JD88ERS											
ESTABLISHMENTS, TOTAL . . . . .	4S	1.3	8.9	.9	1.7	3.7	23.2	62.5	86.1	.2	7.8
ESTABLISHMENTS WITH AN AVERAGE DF-											
1 TO 4 EMPLOYEES . . . . .	8	.1	.7	(Z)	.1	.4	4.7	7.4	12.1	(Z)	.6
5 TO 9 EMPLOYEES . . . . .	9	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
10 TO 19 EMPLOYEES . . . . .	12	.2	1.6	.1	.2	.7	4.4	16.0	20.6	.1	1.9
20 TO 49 EMPLOYEES . . . . .	9	.2	2.0	.1	.3	.8	4.1	13.5	17.5	.1	2.2
50 TO 99 EMPLOYEES . . . . .	5	.7	4.6	.5	1.1	1.9	10.1	25.5	35.7	(D)	3.0
100 TO 249 EMPLOYEES . . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2363-33 CONTRACTORS											
ESTABLISHMENTS, TOTAL . . . . .	9D	5.5	18.8	5.1	9.6	16.6	25.0	1.7	27.3	.7	.7
ESTABLISHMENTS WITH AN AVERAGE DF-											
1 TO 4 EMPLOYEES . . . . .	1	(Z)	.1	(Z)	.1	.1	.2	.1	.3	-	(Z)
5 TO 9 EMPLOYEES . . . . .	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	(D)
10 TO 19 EMPLOYEES . . . . .	11	.2	.7	.2	.3	.6	1.0	.1	1.1	-	(Z)
20 TO 49 EMPLOYEES . . . . .	41	1.2	4.4	1.1	2.0	3.9	5.7	.5	6.3	.3	.2
50 TO 99 EMPLOYEES . . . . .	16	4.1	13.5	3.7	7.3	12.0	18.0	1.0	19.7	.3	.4
100 TO 249 EMPLOYEES . . . . .	11	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
250 TO 499 EMPLOYEES . . . . .	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2369-- CHILDREN'S OUTERWEAR, NEC											
ESTABLISHMENTS, TOTAL . . . . .	48D	32.0	117.7	28.8	53.6	95.3	217.3	243.1	456.2	4.3	68.5
ESTABLISHMENTS WITH AN AVERAGE DF-											
1 TO 4 EMPLOYEES . . . . .	61	.1	.6	.1	.2	.4	1.8	2.7	4.6	.1	.5
5 TO 9 EMPLOYEES . . . . .	50	.3	1.5	.3	.5	1.1	2.8	6.8	9.5	(Z)	1.1
10 TO 19 EMPLOYEES . . . . .	83	1.2	5.4	1.0	1.8	3.8	10.8	22.6	33.5	.2	4.2
20 TO 49 EMPLOYEES . . . . .	132	4.4	16.6	3.9	7.0	13.1	35.5	46.6	82.8	.4	10.0
50 TO 99 EMPLOYEES . . . . .	66	4.8	18.8	4.3	8.0	14.8	35.5	44.6	79.0	.4	9.7
100 TO 249 EMPLOYEES . . . . .	61	9.0	32.3	8.1	15.1	25.9	60.7	62.6	122.3	1.9	18.7
250 TO 499 EMPLOYEES . . . . .	21	6.7	22.0	6.1	11.5	19.4	34.6	19.6	53.8	1.0	7.6
500 TO 999 EMPLOYEES . . . . .	5	5.5	20.5	5.0	9.5	16.8	35.5	37.6	70.7	.4	16.8
1,000 TO 2,499 EMPLOYEES . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup>	78	.3	1.2	.3	.5	.9	2.1	2.6	4.7	(Z)	.7
2369-11 MANUFACTURERS											
ESTABLISHMENTS, TOTAL . . . . .	232	15.0	55.3	13.6	25.1	44.4	95.2	92.8	185.2	2.5	33.4
ESTABLISHMENTS WITH AN AVERAGE DF-											
1 TO 4 EMPLOYEES . . . . .	39	.1	.3	.1	.1	.2	.5	.5	1.0	-	.1
5 TO 9 EMPLOYEES . . . . .	32	.2	.7	.2	.3	.6	1.4	1.4	2.8	(Z)	.4
10 TO 19 EMPLOYEES . . . . .	36	.5	1.9	.5	.8	1.5	3.3	3.1	6.4	(D)	.8
20 TO 49 EMPLOYEES . . . . .	60	2.0	7.0	1.8	3.2	5.6	12.0	11.4	23.3	.2	2.8
50 TO 99 EMPLOYEES . . . . .	30	2.1	8.6	1.9	3.5	6.7	15.8	14.5	30.2	.2	3.7
100 TO 249 EMPLOYEES . . . . .	24	3.7	13.7	3.3	6.2	10.5	26.1	23.7	49.0	1.2	7.5
250 TO 499 EMPLOYEES . . . . .	7	6.3	23.2	5.8	10.9	19.2	36.1	38.3	72.5	.9	18.0
500 TO 999 EMPLOYEES . . . . .	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1,000 TO 2,499 EMPLOYEES . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2369-22 JD88ERS											
ESTABLISHMENTS, TOTAL . . . . .	78	3.9	18.3	3.0	5.9	11.9	63.0	142.2	204.2	.5	31.7
ESTABLISHMENTS WITH AN AVERAGE DF-											
1 TO 4 EMPLOYEES . . . . .	16	(Z)	.3	(Z)	(Z)	.2	1.2	2.2	3.5	.1	.4
5 TO 9 EMPLOYEES . . . . .	11	.1	.5	.1	.1	.3	1.1	5.3	6.3	.1	.8
10 TO 19 EMPLOYEES . . . . .	15	.2	1.8	.1	.3	.8	5.2	19.2	24.4	(D)	3.2
20 TO 49 EMPLOYEES . . . . .	21	.7	3.9	.5	.9	2.4	16.2	33.7	50.6	.1	6.7
50 TO 99 EMPLOYEES . . . . .	6	.4	2.4	.4	.6	1.4	9.2	28.3	36.8	(D)	4.7
100 TO 249 EMPLOYEES . . . . .	6	2.5	9.4	2.0	3.8	6.8	30.0	53.6	82.7	.2	16.1
250 TO 499 EMPLOYEES . . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
500 TO 999 EMPLOYEES . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number	Payroll	Number	Man-hours	Wages					
		(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					
2369-33 CONTRACTORS											
ESTABLISHMENTS, TOTAL . . . . .	170	13.2	44.1	12.3	22.6	39.1	59.1	8.0	66.9	1.3	3.4
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	6	(2)	(2)	(2)	(2)	(2)	.1	(2)	.1	-	(2)
5 TO 9 EMPLOYEES . . . . .	7	(2)	.2	(2)	.1	.2	.3	.1	.3	-	(2)
10 TO 19 EMPLOYEES . . . . .	32	.4	1.7	.4	.7	1.4	2.3	.3	2.7	(2)	.1
20 TO 49 EMPLOYEES . . . . .	51	1.7	5.8	1.6	2.9	5.1	7.3	1.5	8.9	.3	.4
50 TO 99 EMPLOYEES . . . . .	30	2.2	7.8	2.1	3.9	6.7	10.5	1.9	12.1	(0)	1.3
100 TO 249 EMPLOYEES . . . . .	31	8.7	28.5	8.0	15.1	25.8	38.6	4.3	42.8	1.0	1.5
250 TO 499 EMPLOYEES . . . . .	12	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
500 TO 999 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2371-- FUR GOODS											
ESTABLISHMENTS, TOTAL . . . . .	1 304	8.5	59.4	7.3	13.2	47.4	117.2	215.7	333.2	1.1	33.3
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	788	1.3	7.6	1.2	2.2	6.7	21.7	33.0	54.6	.2	5.5
5 TO 9 EMPLOYEES . . . . .	261	1.8	11.9	1.5	2.7	9.7	23.6	48.2	72.0	.2	7.3
10 TO 19 EMPLOYEES . . . . .	167	2.3	17.0	1.9	3.6	13.1	34.4	63.4	97.9	0.4	9.2
20 TO 49 EMPLOYEES . . . . .	75	2.1	16.7	1.7	3.1	12.5	28.9	51.7	80.7	.3	9.2
50 TO 99 EMPLOYEES . . . . .	11	1.0	6.1	.8	1.5	5.6	8.6	19.3	28.0	.1	2.1
100 TO 249 EMPLOYEES . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1e</sup>	549	.8	4.0	.8	1.2	3.5	11.4	17.4	28.8	.1	3.2
2381-- FABRIC DRESS AND WORK GLOVES											
ESTABLISHMENTS, TOTAL . . . . .	172	14.0	48.7	13.0	24.5	41.8	86.5	94.8	176.6	1.8	25.8
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	33	.1	.3	.1	.1	.2	1.0	1.8	2.8	(2)	.4
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	17	.1	.4	.1	.2	.3	.7	1.3	2.0	(2)	.2
10 TO 19 EMPLOYEES <sup>e</sup> . . . . .	12	.2	.6	.1	.2	.5	.8	1.8	2.6	(2)	.3
20 TO 49 EMPLOYEES . . . . .	40	1.3	4.4	1.2	2.2	3.5	7.7	12.3	19.9	.2	3.3
50 TO 99 EMPLOYEES . . . . .	29	2.0	7.0	1.9	3.3	6.0	9.8	15.1	24.8	.2	3.2
100 TO 249 EMPLOYEES . . . . .	27	4.6	15.4	4.3	8.2	13.4	27.1	27.5	54.5	.6	7.8
250 TO 499 EMPLOYEES . . . . .	9	2.8	9.5	2.7	5.3	8.7	15.2	16.3	30.2	.1	4.5
500 TO 999 EMPLOYEES . . . . .	5	2.9	11.0	2.7	5.0	9.2	24.1	18.6	39.7	.6	6.1
ESTABS. COVERED BY ADMIN. RECORDS <sup>1e</sup>	41	.1	.5	.1	.2	.4	1.0	1.6	2.6	(2)	.4
2384-- ROBES AND DRESSING GOWNS											
ESTABLISHMENTS, TOTAL . . . . .	241	11.3	42.9	10.1	17.6	33.1	81.9	118.2	200.2	1.5	18.4
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	40	.1	.5	.1	.1	.3	1.5	4.4	5.8	.1	.8
5 TO 9 EMPLOYEES . . . . .	25	.2	.9	.2	.2	.7	2.0	6.3	8.2	(2)	.6
10 TO 19 EMPLOYEES . . . . .	37	.5	2.9	.4	.8	2.0	9.8	14.6	24.3	.1	1.5
20 TO 49 EMPLOYEES . . . . .	83	2.7	11.0	2.4	3.9	8.3	21.6	39.2	61.0	.2	6.4
50 TO 99 EMPLOYEES . . . . .	28	2.0	7.5	1.8	3.1	5.8	11.5	10.3	21.7	.2	1.6
100 TO 249 EMPLOYEES . . . . .	22	3.9	14.0	3.5	6.4	10.9	25.6	33.9	59.6	.5	6.3
250 TO 499 EMPLOYEES <sup>e</sup> . . . . .	6	2.0	6.2	1.8	3.1	5.1	10.0	9.7	19.5	.3	1.3
ESTABS. COVERED BY ADMIN. RECORDS <sup>1e</sup>	45	.2	.6	.2	.2	.5	1.6	3.2	4.7	(2)	.5
2384-11 MANUFACTURERS											
ESTABLISHMENTS, TOTAL . . . . .	102	5.4	19.1	4.8	8.3	14.9	32.8	35.7	68.4	.6	6.5
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	23	.2	.7	.2	.3	.5	1.1	1.1	2.2	(2)	.3
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	17	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
10 TO 19 EMPLOYEES <sup>e</sup> . . . . .	13	.2	.9	.2	.3	.7	1.6	1.8	3.3	(0)	.3
20 TO 49 EMPLOYEES <sup>e</sup> . . . . .	21	.7	2.3	.6	1.0	1.9	4.7	4.4	9.1	.1	1.0
50 TO 99 EMPLOYEES <sup>e</sup> . . . . .	13	1.0	3.6	.9	1.4	2.8	5.9	6.1	12.0	.1	1.1
100 TO 249 EMPLOYEES . . . . .	10	3.4	11.6	3.0	5.3	9.0	19.5	22.3	41.7	.4	3.8
250 TO 499 EMPLOYEES <sup>e</sup> . . . . .	5	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

See footnotes at end of table.



TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)											
Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number	Payroll	Number	Man-hours	Wages					
		(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					
2384-22 JOBBERS											
ESTABLISHMENTS: TOTAL . . . . .	51	1.5	9.3	1.1	2.1	5.3	29.3	80.6	109.9	.6	11.2
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	13	(Z)	.2	(Z)	(Z)	.1	1.1	4.0	5.1	(Z)	.7
5 TO 9 EMPLOYEES . . . . .	6	(Z)	.4	(Z)	.1	.3	1.1	5.5	6.6	(D)	.4
10 TO 19 EMPLOYEES . . . . .	11	.2	1.2	.1	.2	.6	7.2	12.7	19.9	.1	1.1
20 TO 49 EMPLOYEES . . . . .	15	.6	4.0	.4	.6	2.0	10.8	37.9	48.8	.2	5.7
50 TO 99 EMPLOYEES . . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
100 TO 249 EMPLOYEES . . . . .	4	.7	3.4	.6	1.2	2.3	9.1	20.5	29.6	.3	3.2
2384-33 CONTRACTORS											
ESTABLISHMENTS: TOTAL . . . . .	88	4.4	14.5	4.2	7.3	12.9	19.9	1.8	21.9	.3	.7
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	4	(Z)	(Z)	(Z)	(Z)	(Z)	.2	(Z)	.2	(Z)	(Z)
5 TO 9 EMPLOYEES . . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
10 TO 19 EMPLOYEES . . . . .	13	.2	.7	.2	.3	.7	1.0	.1	1.1	(D)	(Z)
20 TO 49 EMPLOYEES . . . . .	47	2.5	8.5	2.4	4.0	7.5	11.7	1.1	12.9	.1	.1
50 TO 99 EMPLOYEES . . . . .	13	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
100 TO 249 EMPLOYEES . . . . .	8	1.7	5.2	1.6	2.9	4.7	7.0	.7	7.7	.1	.6
250 TO 499 EMPLOYEES . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2385-- WATERPROOF OUTER GARMENTS											
ESTABLISHMENTS: TOTAL . . . . .	319	23.3	95.3	20.2	36.9	70.9	174.4	197.9	371.9	2.9	48.7
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	44	.1	.5	.1	.1	.3	2.2	4.2	6.1	(Z)	.6
5 TO 9 EMPLOYEES . . . . .	20	.2	.9	.1	.2	.5	3.0	5.5	8.3	(Z)	1.0
10 TO 19 EMPLOYEES . . . . .	43	.6	3.4	.5	.8	2.0	9.1	18.6	27.6	.1	1.9
20 TO 49 EMPLOYEES . . . . .	93	3.0	14.1	2.5	4.5	10.0	25.6	36.1	61.6	.3	5.4
50 TO 99 EMPLOYEES . . . . .	60	4.3	17.6	3.8	6.9	13.6	32.1	32.0	63.5	.5	6.0
100 TO 249 EMPLOYEES . . . . .	38	6.1	23.2	5.3	9.6	18.1	41.8	42.8	82.7	.4	10.4
250 TO 499 EMPLOYEES . . . . .	18	9.2	35.7	7.9	14.7	26.4	60.6	58.8	122.1	1.7	23.4
500 TO 999 EMPLOYEES . . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1,000 TO 2,499 EMPLOYEES . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> . . . . .	36	.1	.5	.1	.2	.3	1.0	1.5	2.5	(Z)	.2
2385-11 MANUFACTURERS											
ESTABLISHMENTS: TOTAL . . . . .	126	11.9	46.7	10.3	19.2	34.9	86.8	77.4	166.3	1.6	25.5
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	25	.1	.3	.1	.1	.2	.8	.8	1.6	(Z)	.1
5 TO 9 EMPLOYEES . . . . .	9	.1	.3	.1	.1	.2	.5	.5	1.1	(D)	.1
10 TO 19 EMPLOYEES . . . . .	16	.2	1.0	.2	.3	.7	1.9	1.6	3.6	(D)	.2
20 TO 49 EMPLOYEES . . . . .	26	.8	3.4	.7	1.3	2.7	5.8	5.3	11.2	.2	.9
50 TO 99 EMPLOYEES . . . . .	20	1.4	5.3	1.3	2.3	4.1	9.7	8.5	17.8	.2	1.9
100 TO 249 EMPLOYEES . . . . .	16	2.7	10.7	2.5	4.6	8.4	20.8	15.8	36.3	.2	3.3
250 TO 499 EMPLOYEES . . . . .	12	6.7	25.7	5.6	10.5	18.7	47.2	44.9	94.7	.1	19.0
500 TO 999 EMPLOYEES . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1,000 TO 2,499 EMPLOYEES . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2385-22 JOBBERS											
ESTABLISHMENTS: TOTAL . . . . .	64	2.6	14.5	1.7	3.0	6.9	44.8	113.4	155.6	.3	20.8
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	12	(Z)	.2	(Z)	(Z)	.1	1.3	3.3	4.4	(Z)	.5
5 TO 9 EMPLOYEES . . . . .	7	.1	.4	(Z)	(Z)	.2	2.2	4.9	6.9	(D)	.9
10 TO 19 EMPLOYEES . . . . .	15	.2	1.7	.1	.2	.8	6.2	16.8	23.0	.1	1.7
20 TO 49 EMPLOYEES . . . . .	16	.5	3.7	.3	.7	1.4	11.1	29.9	40.9	(Z)	4.2
50 TO 99 EMPLOYEES . . . . .	7	.5	2.8	.3	.6	1.4	9.8	21.5	31.2	.1	3.4
100 TO 249 EMPLOYEES . . . . .	6	1.2	5.8	.9	1.5	3.1	14.3	36.8	49.2	.1	10.1
250 TO 499 EMPLOYEES . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number	Payroll	Number	Man-hours	Wages					
		(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					
2385-33 CONTRACTORS											
ESTABLISHMENTS, TOTAL . . . . .	129	8.8	34.1	8.1	14.7	29.2	42.8	7.2	50.1	1.1	2.3
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	7	(2)	.1	(2)	(2)	.1	.1	(2)	.1	-	-
5 TO 9 EMPLOYEES . . . . .	4	(2)	.2	(2)	(2)	.1	.3	.1	.3	(2)	-
10 TO 19 EMPLOYEES . . . . .	12	.2	.7	.2	.3	.6	.9	.1	1.1	(0)	-
20 TO 49 EMPLOYEES . . . . .	51	1.6	6.9	1.5	2.6	5.9	8.7	.8	9.5	.1	.3
50 TO 99 EMPLOYEES . . . . .	33	2.3	9.5	2.1	4.0	8.2	12.6	2.0	14.5	.3	.6
100 TO 249 EMPLOYEES . . . . .	16	4.6	16.7	4.3	7.9	14.3	20.2	4.1	24.5	.7	1.3
250 TO 499 EMPLOYEES . . . . .	5	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
500 TO 999 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2386-- LEATHER AND SHEEP LINE CLOTHING											
ESTABLISHMENTS, TOTAL . . . . .	139	5.1	23.9	4.6	8.3	18.7	43.4	55.1	98.8	.5	8.8
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	38	.1	.3	.1	.1	.2	.6	.8	1.4	-	.2
5 TO 9 EMPLOYEES . . . . .	8	(2)	.2	(2)	.1	.2	.4	.4	.8	.1	.1
10 TO 19 EMPLOYEES . . . . .	22	.3	2.0	.3	.5	1.3	4.6	12.9	17.4	(0)	1.3
20 TO 49 EMPLOYEES . . . . .	41	1.5	7.3	1.3	2.4	6.0	12.5	11.9	24.3	.2	1.7
50 TO 99 EMPLOYEES . . . . .	20	1.4	6.4	1.3	2.4	5.2	9.7	11.4	21.1	.1	2.1
100 TO 249 EMPLOYEES . . . . .	9	1.8	7.7	1.6	2.8	5.7	15.6	17.7	33.7	.1	3.4
250 TO 499 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABLS. COVERED BY ADMIN. RECORDS <sup>1e</sup>	35	.1	.4	.1	.1	.3	.6	.9	1.5	(2)	.2
2387-- APPAREL BELTS											
ESTABLISHMENTS, TOTAL . . . . .	277	8.5	38.6	7.2	12.7	24.6	68.0	61.5	130.2	.9	15.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	81	.2	.7	.2	.3	.6	1.6	1.2	2.8	(2)	.2
5 TO 9 EMPLOYEES . . . . .	44	.3	1.2	.3	.5	.9	2.6	1.5	4.1	(0)	.3
10 TO 19 EMPLOYEES . . . . .	44	.6	2.6	.5	.9	2.0	4.9	5.6	10.4	(2)	.7
20 TO 49 EMPLOYEES . . . . .	66	2.1	9.1	1.8	3.3	6.5	17.5	17.2	34.7	.4	3.7
50 TO 99 EMPLOYEES . . . . .	26	1.8	7.7	1.5	2.8	5.3	12.7	10.3	23.0	.1	2.5
100 TO 249 EMPLOYEES . . . . .	12	1.8	7.6	1.6	2.9	5.2	11.8	11.4	23.2	.3	3.1
250 TO 499 EMPLOYEES . . . . .	2	1.8	9.6	1.2	2.1	4.1	16.9	14.3	32.0	.1	5.2
500 TO 999 EMPLOYEES . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABLS. COVERED BY ADMIN. RECORDS <sup>1e</sup>	98	.3	1.3	.3	.5	1.0	2.6	2.0	4.6	(2)	.4
2389-- APPAREL AND ACCESSORIES, NEC											
ESTABLISHMENTS, TOTAL . . . . .	249	8.4	35.1	7.1	12.4	24.5	55.8	63.3	119.5	2.9	21.2
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	85	.2	.7	.1	.2	.3	1.5	2.0	3.5	(2)	.6
5 TO 9 EMPLOYEES . . . . .	28	.2	1.0	.2	.3	.7	2.9	3.3	6.7	(0)	1.1
10 TO 19 EMPLOYEES . . . . .	34	.5	2.0	.4	.6	1.2	3.5	3.6	7.1	(2)	1.2
20 TO 49 EMPLOYEES . . . . .	50	1.6	7.0	1.3	2.1	4.6	13.0	17.0	30.6	.2	4.3
50 TO 99 EMPLOYEES . . . . .	34	2.3	9.0	2.0	3.6	6.8	13.2	14.7	27.2	.4	5.3
100 TO 249 EMPLOYEES . . . . .	14	2.1	8.8	1.8	3.5	6.9	13.7	11.6	25.3	.3	4.3
250 TO 499 EMPLOYEES . . . . .	3	1.6	6.6	1.2	2.0	3.8	8.1	11.1	19.1	2.0	4.4
500 TO 999 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABLS. COVERED BY ADMIN. RECORDS <sup>1e</sup>	85	.2	.8	.2	.3	.5	1.5	1.6	3.1	-	.7
2391-- CURTAINS AND DRAPERIES											
ESTABLISHMENTS, TOTAL . . . . .	1 430	25.7	100.5	22.7	42.6	78.1	178.2	241.5	418.7	3.9	44.4
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	783	1.3	5.0	1.3	2.2	4.0	11.3	10.8	22.2	.2	1.7
5 TO 9 EMPLOYEES . . . . .	205	1.3	5.7	1.3	2.3	4.6	10.7	12.9	23.7	.1	1.6
10 TO 19 EMPLOYEES . . . . .	169	2.3	9.7	2.0	3.9	7.5	21.3	16.8	38.2	.2	2.9
20 TO 49 EMPLOYEES . . . . .	147	4.6	18.7	4.0	7.5	14.5	30.4	29.5	59.7	.5	5.7
50 TO 99 EMPLOYEES . . . . .	68	4.5	19.1	3.9	7.4	14.2	35.5	57.1	93.7	.6	9.5
100 TO 249 EMPLOYEES . . . . .	47	7.2	26.2	6.3	12.0	20.4	43.3	61.4	105.2	.6	12.2
250 TO 499 EMPLOYEES . . . . .	9	4.4	16.2	3.9	7.3	12.8	25.5	53.0	76.0	1.8	10.8
500 TO 999 EMPLOYEES . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABLS. COVERED BY ADMIN. RECORDS <sup>1e</sup>	842	2.1	7.6	2.1	3.6	6.2	15.3	10.1	25.4	(2)	1.8

See footnotes at end of table.



TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number	Payroll	Number	Man-hours	Wages					
		(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					
2392-- HOUSEFURNISHINGS, NEC											
ESTABLISHMENTS, TOTAL . . . . .	1 228	46.3	196.3	39.3	76.4	144.5	353.7	608.1	962.8	11.9	132.5
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	471	.8	3.3	.8	1.4	2.5	8.9	10.9	19.9	.1	2.7
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	152	1.0	4.5	.9	1.7	3.5	11.6	15.1	26.7	.1	3.1
10 TO 19 EMPLOYEES . . . . .	184	2.5	11.5	2.1	3.9	8.2	22.7	28.8	52.1	.6	5.5
20 TO 49 EMPLOYEES . . . . .	203	6.5	28.3	5.5	10.6	20.5	55.3	80.9	136.7	1.2	16.0
50 TO 99 EMPLOYEES . . . . .	104	7.2	30.3	6.1	11.9	21.6	58.8	86.6	144.0	2.3	18.9
100 TO 249 EMPLOYEES . . . . .	80	12.0	46.5	10.2	19.7	34.9	86.3	114.4	204.3	3.1	28.6
250 TO 499 EMPLOYEES . . . . .	24	7.2	30.4	6.1	11.6	22.2	60.7	109.0	162.0	1.0	26.5
500 TO 999 EMPLOYEES . . . . .	8	9.0	41.5	7.4	15.7	31.1	49.4	162.4	217.1	3.6	31.4
1,000 TO 2,499 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2,500 EMPLOYEES OR MORE . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTAB5. COVERED BY ADMIN. RECORDS <sup>1e</sup>	494	1.2	4.6	1.2	2.0	3.6	11.7	12.4	24.1	(2)	2.9
2393-- TEXTILE BAGS											
ESTABLISHMENTS, TOTAL . . . . .	198	9.1	38.0	8.1	15.5	28.7	88.5	204.6	291.1	1.9	32.9
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	48	.1	.5	.1	.2	.4	1.2	1.8	3.0	(2)	.3
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	22	.2	.6	.1	.2	.5	1.5	3.1	4.6	(0)	.7
10 TO 19 EMPLOYEES . . . . .	31	.4	2.0	.4	.7	1.5	4.5	8.2	12.6	.1	1.1
20 TO 49 EMPLOYEES . . . . .	45	1.4	5.9	1.2	2.3	4.5	13.4	34.8	47.8	.3	5.7
50 TO 99 EMPLOYEES . . . . .	23	1.7	7.1	1.5	2.9	5.3	16.3	42.8	58.8	.3	6.0
100 TO 249 EMPLOYEES . . . . .	23	3.5	14.5	3.1	5.9	11.1	34.2	84.3	117.9	.7	13.7
250 TO 499 EMPLOYEES . . . . .	6	1.9	7.5	1.7	3.3	5.5	17.5	29.7	46.5	.5	5.3
ESTAB5. COVERED BY ADMIN. RECORDS <sup>1e</sup>	49	.1	.6	.1	.2	.5	1.4	2.4	3.8	(2)	.5
2394-- CANVAS PRODUCTS											
ESTABLISHMENTS, TOTAL . . . . .	860	15.2	68.5	12.9	24.0	48.7	126.9	148.1	273.6	3.4	43.3
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	436	.8	3.3	.7	1.3	2.6	7.6	7.3	14.9	.2	2.2
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	156	1.1	4.8	1.0	1.8	3.6	9.0	8.1	17.0	(0)	2.1
10 TO 19 EMPLOYEES . . . . .	121	1.6	8.0	1.3	2.4	5.1	14.5	12.1	26.4	.3	3.3
20 TO 49 EMPLOYEES . . . . .	81	2.5	11.6	2.0	3.7	7.7	21.3	21.1	42.0	.5	6.0
50 TO 99 EMPLOYEES . . . . .	33	2.2	10.9	1.9	3.5	7.5	18.4	22.3	40.6	.8	7.3
100 TO 249 EMPLOYEES . . . . .	23	3.1	12.3	2.8	5.2	9.6	21.7	33.4	54.7	.6	7.2
250 TO 499 EMPLOYEES . . . . .	9	3.9	17.5	3.2	6.0	12.7	34.4	43.9	77.9	1.1	15.3
500 TO 999 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTAB5. COVERED BY ADMIN. RECORDS <sup>1e</sup>	466	1.2	4.9	1.2	2.0	3.8	10.8	10.3	21.1	(2)	3.1
2395-- PLEATING AND STITCHING											
ESTABLISHMENTS, TOTAL . . . . .	1 107	13.5	54.3	12.5	22.2	45.8	90.2	49.2	139.3	1.5	7.5
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	569	1.0	3.9	1.0	1.7	3.5	8.7	4.5	13.1	(2)	.9
5 TO 9 EMPLOYEES . . . . .	182	1.2	5.2	1.2	2.1	4.5	9.3	4.3	13.6	(2)	.8
10 TO 19 EMPLOYEES . . . . .	149	2.1	8.6	1.9	3.4	7.4	15.4	6.9	22.3	.2	.8
20 TO 49 EMPLOYEES . . . . .	156	4.9	20.4	4.5	8.1	16.9	32.5	17.9	50.3	.7	2.4
50 TO 99 EMPLOYEES . . . . .	40	2.6	10.4	2.4	4.4	8.5	16.2	11.0	27.2	.5	1.5
100 TO 249 EMPLOYEES . . . . .	10	1.7	5.8	1.5	2.5	4.9	8.2	4.7	12.8	.1	1.1
250 TO 499 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTAB5. COVERED BY ADMIN. RECORDS <sup>1e</sup>	637	1.7	6.1	1.7	2.8	5.5	12.6	5.9	18.4	(2)	1.3
2396-- AUTOMOTIVE AND APPAREL TRIMMINGS											
ESTABLISHMENTS, TOTAL . . . . .	780	30.6	181.9	25.9	48.5	136.8	334.8	448.6	777.4	13.4	81.2
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	249	.4	2.2	.4	.7	1.7	5.5	4.5	10.0	(2)	.7
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	134	.9	4.5	.8	1.4	3.3	8.7	8.4	17.0	(2)	1.2
10 TO 19 EMPLOYEES . . . . .	153	2.1	10.9	1.7	3.2	7.2	21.3	24.1	45.7	.5	3.3
20 TO 49 EMPLOYEES . . . . .	150	4.8	22.0	4.1	7.3	15.5	38.7	58.3	96.0	2.0	8.1
50 TO 99 EMPLOYEES . . . . .	58	3.9	17.4	3.4	6.5	13.0	33.4	35.7	68.9	.6	6.5
100 TO 249 EMPLOYEES . . . . .	26	4.2	18.5	3.6	6.5	13.8	30.8	46.0	75.9	1.4	7.8
250 TO 499 EMPLOYEES . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
500 TO 999 EMPLOYEES . . . . .	4	3.3	20.6	2.6	5.3	14.2	43.9	55.8	98.1	2.1	11.3
1,000 TO 2,499 EMPLOYEES . . . . .	2	10.9	85.8	2.3	17.6	68.2	152.7	215.8	365.9	6.6	42.4
2,500 EMPLOYEES OR MORE . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTAB5. COVERED BY ADMIN. RECORDS <sup>1e</sup>	287	.8	3.6	.8	1.2	2.7	7.9	6.2	14.2	(2)	1.0

See footnotes at end of table.

TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number	Payroll	Number	Man-hours	Wages					
		(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					
2397-- SCHIFFLI MACHINE EMBROIDERIES											
ESTABLISHMENTS, TOTAL . . . . .	608	5.4	30.5	5.0	10.4	25.1	59.5	40.3	99.6	.5	5.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>o</sup> . . . . .	344	.6	3.4	.6	1.2	3.0	10.2	6.3	16.6	.1	.9
5 TO 9 EMPLOYEES <sup>o</sup> . . . . .	115	.8	4.7	.7	1.6	4.1	11.2	6.3	17.4	(2)	.8
10 TO 19 EMPLOYEES <sup>o</sup> . . . . .	88	1.2	7.8	1.1	2.5	6.5	14.2	12.3	26.6	.1	1.8
20 TO 49 EMPLOYEES <sup>o</sup> . . . . .	48	1.3	7.0	1.1	2.4	5.8	11.5	10.7	22.2	.1	1.1
50 TO 99 EMPLOYEES <sup>o</sup> . . . . .	9	.6	3.1	.5	1.0	2.3	4.6	2.2	6.7	.1	.4
100 TO 249 EMPLOYEES <sup>o</sup> . . . . .	2	1.0	4.4	.8	1.7	3.5	7.7	2.4	10.0	(2)	.7
250 TO 499 EMPLOYEES <sup>o</sup> . . . . .	2	(D)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 o</sup>	334	.7	3.7	.7	1.4	3.2	10.4	4.8	15.3	(2)	.9
2399-- FABRICATED TEXTILE PRODUCTS, NEC											
ESTABLISHMENTS, TOTAL . . . . .	819	26.8	114.6	23.3	44.4	86.7	224.6	311.2	535.1	19.6	67.5
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>o</sup> . . . . .	355	.6	2.5	.6	1.0	2.0	5.9	5.1	11.0	(2)	1.4
5 TO 9 EMPLOYEES <sup>o</sup> . . . . .	117	.8	3.5	.8	1.3	2.8	7.3	6.0	13.2	(D)	1.6
10 TO 19 EMPLOYEES <sup>o</sup> . . . . .	102	1.4	6.3	1.2	2.3	4.7	11.7	11.7	23.4	.1	2.3
20 TO 49 EMPLOYEES <sup>o</sup> . . . . .	124	4.0	16.9	3.5	6.5	12.6	32.2	38.9	71.1	.8	8.4
50 TO 99 EMPLOYEES <sup>o</sup> . . . . .	54	3.9	16.5	3.3	6.3	12.0	30.6	53.3	83.9	3.9	9.3
100 TO 249 EMPLOYEES <sup>o</sup> . . . . .	44	6.6	28.8	5.8	11.2	21.9	51.3	71.9	122.3	2.7	16.8
250 TO 499 EMPLOYEES <sup>o</sup> . . . . .	17	5.8	25.2	5.1	9.8	19.6	43.2	82.0	123.4	9.3	17.5
500 TO 999 EMPLOYEES <sup>o</sup> . . . . .	6	3.6	15.1	3.1	5.9	11.1	42.5	42.3	86.9	2.7	10.0
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 o</sup>	396	1.2	4.4	1.2	1.9	3.5	9.8	8.4	18.2	(2)	2 "
2411-- LOGGING CAMPS; LOGGING CONTRACTORS											
ESTABLISHMENTS, TOTAL <sup>o</sup> . . . . .	16 334	70.6	338.8	67.5	125.9	306.8	695.1	780.4	1 476.3	101.5	102.2
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>o</sup> . . . . .	13 120	18.4	66.4	18.4	34.9	62.7	163.0	167.5	330.9	22.7	21.9
5 TO 9 EMPLOYEES <sup>o</sup> . . . . .	1 741	11.5	45.7	11.3	20.5	42.1	104.6	105.3	210.2	16.7	11.6
10 TO 19 EMPLOYEES <sup>o</sup> . . . . .	875	11.5	52.1	11.1	20.4	47.9	106.5	89.5	196.0	16.7	7.6
20 TO 49 EMPLOYEES <sup>o</sup> . . . . .	448	13.0	69.1	12.2	22.8	63.1	130.6	118.3	249.2	17.7	8.8
50 TO 99 EMPLOYEES <sup>o</sup> . . . . .	109	7.1	42.1	6.6	12.2	37.6	72.7	88.6	162.4	7.3	11.5
100 TO 249 EMPLOYEES <sup>o</sup> . . . . .	34	5.9	42.3	5.2	9.9	35.8	72.1	128.5	199.9	13.0	29.3
250 TO 499 EMPLOYEES <sup>o</sup> . . . . .	2	(D)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
500 TO 999 EMPLOYEES <sup>o</sup> . . . . .	5	3.2	21.1	2.8	5.2	17.7	45.5	82.6	127.7	7.4	11.6
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 o</sup>	13 152	24.1	83.8	24.1	44.9	77.9	195.6	189.2	384.7	30.8	26.6
2421-- SAWMILLS & PLANING MILLS, GENERAL											
ESTABLISHMENTS, TOTAL . . . . .	10 271	180.5	884.6	164.7	322.7	754.8	1 556.4	1 948.4	3 506.4	130.0	516.5
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>o</sup> . . . . .	5 697	10.0	32.1	9.9	17.2	27.5	77.6	87.6	165.1	1.9	26.3
5 TO 9 EMPLOYEES <sup>o</sup> . . . . .	1 451	9.7	33.6	9.5	16.5	29.2	74.5	80.6	154.7	2.3	21.7
10 TO 19 EMPLOYEES <sup>o</sup> . . . . .	1 207	16.6	60.9	15.5	27.9	53.9	124.4	143.4	266.1	8.5	27.4
20 TO 49 EMPLOYEES <sup>o</sup> . . . . .	1 117	34.9	145.8	31.5	60.1	123.9	284.3	365.0	646.9	24.2	75.1
50 TO 99 EMPLOYEES <sup>o</sup> . . . . .	483	33.2	164.3	29.9	60.6	139.6	300.6	424.9	725.4	26.4	96.4
100 TO 249 EMPLOYEES <sup>o</sup> . . . . .	241	35.9	198.7	32.6	66.7	170.7	333.6	429.5	768.8	26.8	131.9
250 TO 499 EMPLOYEES <sup>o</sup> . . . . .	49	16.8	94.2	15.0	31.4	80.4	154.7	189.6	344.3	17.7	54.8
500 TO 999 EMPLOYEES <sup>o</sup> . . . . .	18	23.5	155.2	20.6	42.2	129.6	206.8	227.7	435.1	22.2	83.0
1,000 TO 2,499 EMPLOYEES <sup>o</sup> . . . . .	7	(D)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
2,500 EMPLOYEES OR MORE <sup>o</sup> . . . . .	1	(D)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 o</sup>	6 530	17.6	55.5	17.6	30.0	47.5	125.6	137.9	263.5	.3	44.5
2426-- HARWOOD DIMENSION AND FLOORING											
ESTABLISHMENTS, TOTAL . . . . .	665	27.9	115.1	25.2	51.5	94.4	176.8	198.0	373.5	12.2	65.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>o</sup> . . . . .	177	.3	1.3	.3	.6	1.1	2.8	2.9	5.6	1.0	.8
5 TO 9 EMPLOYEES <sup>o</sup> . . . . .	73	.5	2.1	.5	1.0	1.8	3.9	4.5	8.4	(O)	1.0
10 TO 19 EMPLOYEES <sup>o</sup> . . . . .	84	1.1	5.3	1.0	2.1	4.3	8.4	8.6	16.9	(D)	1.9
20 TO 49 EMPLOYEES <sup>o</sup> . . . . .	152	4.9	20.0	4.4	8.6	16.4	32.0	34.8	66.5	3.1	9.8
50 TO 99 EMPLOYEES <sup>o</sup> . . . . .	102	6.9	28.0	6.3	12.9	23.2	45.9	52.5	97.0	3.0	16.4
100 TO 249 EMPLOYEES <sup>o</sup> . . . . .	64	8.9	36.2	8.0	16.3	29.4	53.3	60.5	113.6	4.0	22.1
250 TO 499 EMPLOYEES <sup>o</sup> . . . . .	11	9.1	22.2	4.7	9.9	18.4	30.5	34.2	65.5	1.1	13.7
500 TO 999 EMPLOYEES <sup>o</sup> . . . . .	2	(D)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 o</sup>	182	.5	1.8	.5	.8	1.4	3.6	4.0	7.6	.1	1.2

See footnotes at end of table.



TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					
2429-- SPECIAL PRODUCT SAWMILLS, NEC											
ESTABLISHMENTS, TOTAL. . . . .	525	7.1	28.5	6.7	10.9	25.4	50.7	65.9	117.9	2.7	21.2
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	233	.4	1.6	.4	.8	1.5	4.7	5.3	10.0	.1	1.6
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	85	.6	2.0	.5	.9	1.9	4.5	5.0	9.5	.2	1.0
10 TO 19 EMPLOYEES . . . . .	99	1.4	5.7	1.4	2.3	4.9	10.3	14.5	24.9	.6	3.1
20 TO 49 EMPLOYEES . . . . .	87	2.6	11.2	2.5	4.2	10.0	18.6	21.5	40.5	1.4	6.7
50 TO 99 EMPLOYEES . . . . .	17	1.2	5.3	1.1	1.9	4.7	7.7	15.9	24.4	.4	6.5
100 TO 249 EMPLOYEES . . . . .	3	.9	2.7	.8	.8	2.5	4.9	3.7	8.7	.1	2.2
250 TO 499 EMPLOYEES . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	248	.7	2.4	.7	1.1	2.2	6.7	7.3	14.0	.3	2.7
2431-- MILLWORK											
ESTABLISHMENTS, TOTAL. . . . .	3 342	64.8	373.0	53.9	106.6	274.1	636.4	840.2	1 472.4	24.6	215.3
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	1 545	2.7	13.8	2.6	4.3	10.2	29.4	36.5	65.9	.3	8.6
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	534	3.4	21.2	3.0	5.7	15.9	36.2	40.6	76.5	1.2	8.4
10 TO 19 EMPLOYEES . . . . .	496	6.8	41.8	5.4	10.7	30.1	73.9	80.6	153.4	2.3	16.9
20 TO 49 EMPLOYEES . . . . .	479	14.5	84.5	11.6	23.3	60.6	140.8	195.1	335.4	5.4	41.4
50 TO 99 EMPLOYEES . . . . .	166	11.1	62.4	9.1	18.1	45.4	109.3	167.2	274.6	4.8	38.1
100 TO 249 EMPLOYEES . . . . .	96	14.3	79.5	11.8	24.3	58.1	128.5	180.9	309.7	5.2	54.0
250 TO 499 EMPLOYEES . . . . .	19	6.6	35.8	5.8	11.4	28.3	58.7	71.1	129.8	2.2	20.8
500 TO 999 EMPLOYEES . . . . .	6	5.3	34.0	4.4	8.9	25.7	59.6	68.3	126.9	3.1	27.2
1,000 TO 2,499 EMPLOYEES . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2,500 EMPLOYEES OR MORE. . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	1 513	3.3	16.7	3.3	5.5	12.3	33.9	42.1	76.0	.5	10.5
2432-- VENEER AND PLYWOOD											
ESTABLISHMENTS, TOTAL. . . . .	667	72.9	420.6	66.2	138.4	361.9	678.1	1 004.4	1 687.2	71.6	192.9
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	66	.1	.6	.1	.2	.5	1.1	1.6	3.0	5.0	.3
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	27	.2	1.0	.2	.4	.8	1.7	1.9	3.6	(D)	.4
10 TO 19 EMPLOYEES . . . . .	59	.9	4.6	.8	1.6	3.9	7.5	13.8	22.0	(D)	2.2
20 TO 49 EMPLOYEES . . . . .	128	4.5	21.1	4.1	8.0	17.6	39.2	69.4	107.6	2.0	10.3
50 TO 99 EMPLOYEES . . . . .	141	10.0	49.9	9.0	18.7	41.0	85.6	142.4	229.2	11.9	28.3
100 TO 249 EMPLOYEES . . . . .	172	27.6	155.3	25.1	53.0	132.2	243.2	374.3	617.4	27.0	66.1
250 TO 499 EMPLOYEES . . . . .	61	20.6	130.9	18.8	39.0	114.7	206.4	285.6	496.0	13.9	57.1
500 TO 999 EMPLOYEES . . . . .	12	8.9	57.2	8.1	17.5	51.2	93.4	115.5	208.5	11.8	28.2
1,000 TO 2,499 EMPLOYEES . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2,500 EMPLOYEES OR MORE. . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	64	.2	.8	.2	.3	.7	1.6	2.0	3.6	.1	.4
2433-- PREFABRICATED WOOD STRUCTURES											
ESTABLISHMENTS, TOTAL. . . . .	549	16.3	102.6	11.9	23.8	61.2	190.9	300.4	493.7	9.6	57.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	174	.4	2.0	.3	.5	1.3	4.3	7.3	11.6	.2	1.6
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	64	.4	2.7	.4	.7	1.7	5.3	8.2	13.6	.4	1.5
10 TO 19 EMPLOYEES . . . . .	97	1.4	8.0	1.1	2.0	5.3	14.4	20.0	34.7	.7	3.3
20 TO 49 EMPLOYEES . . . . .	127	4.0	24.0	3.0	6.0	16.0	46.0	71.5	117.4	2.7	10.9
50 TO 99 EMPLOYEES . . . . .	54	3.7	23.7	2.6	5.2	13.8	39.6	68.9	108.5	1.8	12.9
100 TO 249 EMPLOYEES . . . . .	28	4.3	27.7	3.0	6.5	15.5	54.3	83.6	139.0	2.9	19.0
250 TO 499 EMPLOYEES . . . . .	3	2.2	14.5	1.5	2.9	7.7	26.9	40.9	69.0	.8	8.4
500 TO 999 EMPLOYEES . . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1,000 TO 2,499 EMPLOYEES . . . . .	-	-	-	-	-	-	-	-	-	-	-
2,500 EMPLOYEES OR MORE. . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	144	.3	1.8	.3	.5	1.1	3.6	5.7	9.3	.2	1.4
2441-- NAILED WOODEN BOXES AND SHOOK											
ESTABLISHMENTS, TOTAL. . . . .	596	15.9	70.9	14.4	27.8	56.9	123.0	151.7	273.8	5.0	31.4
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	244	.5	1.9	.5	.8	1.6	4.2	5.7	9.9	.1	.9
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	77	.5	2.5	.5	1.0	2.1	5.5	8.4	13.8	.2	1.0
10 TO 19 EMPLOYEES . . . . .	93	1.4	6.3	1.2	2.3	4.8	11.3	14.0	25.2	.5	1.8
20 TO 49 EMPLOYEES . . . . .	94	2.9	14.3	2.6	5.0	11.2	24.8	38.9	54.1	1.0	4.3
50 TO 99 EMPLOYEES . . . . .	53	3.9	16.1	3.5	6.7	13.1	30.9	53.9	63.8	.9	6.5
100 TO 249 EMPLOYEES . . . . .	29	4.2	17.4	3.8	7.6	14.3	29.2	34.9	63.9	1.5	8.4
250 TO 499 EMPLOYEES . . . . .	6	2.5	12.4	2.3	4.5	10.0	17.1	26.0	43.2	.8	8.6
500 TO 999 EMPLOYEES . . . . .	-	-	-	-	-	-	-	-	-	-	-
1,000 TO 2,499 EMPLOYEES . . . . .	-	-	-	-	-	-	-	-	-	-	-
2,500 EMPLOYEES OR MORE. . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	245	.6	2.4	.6	1.0	1.9	5.1	5.5	10.6	.2	1.1

See footnotes at end of table.

TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					
2442-- WIREBOUND BOXES AND CRATES											
ESTABLISHMENTS, TOTAL . . . . .	134	9.4	36.5	8.5	17.2	29.8	71.1	74.4	144.9	2.7	16.1
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>a</sup> . . . . .	48	.1	.3	.1	.1	.3	.6	.6	1.3	(2)	.1
5 TO 9 EMPLOYEES <sup>a</sup> . . . . .	12	.1	.4	.1	.1	.3	1.5	1.5	2.9	(2)	.3
10 TO 19 EMPLOYEES . . . . .	11	.1	.6	.1	.2	.5	1.1	1.0	2.2	(2)	.2
20 TO 49 EMPLOYEES . . . . .	10	.3	1.2	.3	.5	1.0	2.1	2.1	4.2	(2)	.7
50 TO 99 EMPLOYEES . . . . .	14	1.1	5.4	.9	1.8	3.9	10.0	9.8	19.8	.8	2.1
100 TO 249 EMPLOYEES . . . . .	31	4.6	16.8	4.2	8.3	13.8	35.1	40.3	71.8	1.2	7.9
250 TO 499 EMPLOYEES . . . . .	9	3.2	11.7	2.9	6.0	10.0	21.6	21.1	42.6	.6	4.8
500 TO 999 EMPLOYEES . . . . .	-	-	-	-	-	-	-	-	-	-	-
1,000 TO 2,499 EMPLOYEES . . . . .	-	-	-	-	-	-	-	-	-	-	-
2,500 EMPLOYEES OR MORE . . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 c</sup>	49	.1	.4	.1	.2	.4	1.3	1.2	2.5	(2)	.3
2443-- VENEER AND PLYWOOD CONTAINERS											
ESTABLISHMENTS, TOTAL . . . . .	84	3.3	11.6	3.0	5.9	9.8	18.4	13.7	32.0	.5	3.9
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>a</sup> . . . . .	24	(2)	.1	(2)	.1	.1	.3	.3	.5	(2)	.1
5 TO 9 EMPLOYEES <sup>a</sup> . . . . .	10	.1	.2	.1	.1	.2	.4	.3	.7	(2)	.1
10 TO 19 EMPLOYEES . . . . .	11	.1	.5	.1	.3	.4	1.0	.5	1.5	(2)	.1
20 TO 49 EMPLOYEES . . . . .	17	1.4	4.6	1.3	2.5	4.1	7.7	5.7	13.3	(2)	1.7
50 TO 99 EMPLOYEES . . . . .	13	(d)	(d)	(d)	(d)	(d)	(d)	1	(d)	(d)	(d)
100 TO 249 EMPLOYEES . . . . .	7	1.7	6.0	1.5	3.0	4.9	9.0	7.0	16.0	(2)	1.9
250 TO 499 EMPLOYEES . . . . .	2	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)
500 TO 999 EMPLOYEES . . . . .	-	-	-	-	-	-	-	-	-	-	-
1,000 TO 2,499 EMPLOYEES . . . . .	-	-	-	-	-	-	-	-	-	-	-
2,500 EMPLOYEES OR MORE . . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 c</sup>	29	.1	.3	.1	.2	.3	.5	.3	.8	(2)	.1
2445-- COOPERAGE											
ESTABLISHMENTS, TOTAL . . . . .	91	2.7	15.5	2.4	4.7	13.0	26.1	51.4	78.8	1.7	20.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>a</sup> . . . . .	43	.1	.3	.1	.1	.2	.6	1.2	1.8	(2)	.4
5 TO 9 EMPLOYEES <sup>a</sup> . . . . .	15	.1	.5	.1	.2	.4	1.4	2.2	3.6	(2)	.7
10 TO 19 EMPLOYEES . . . . .	13	.2	.9	.2	.3	.8	1.5	2.4	3.9	(2)	.5
20 TO 49 EMPLOYEES . . . . .	9	.5	2.2	.4	.8	1.8	2.6	10.5	13.2	(2)	1.2
50 TO 99 EMPLOYEES . . . . .	2	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)
100 TO 249 EMPLOYEES . . . . .	7	1.9	11.7	1.7	3.3	9.8	20.0	35.1	56.5	1.6	17.4
250 TO 499 EMPLOYEES . . . . .	2	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)
500 TO 999 EMPLOYEES . . . . .	-	-	-	-	-	-	-	-	-	-	-
1,000 TO 2,499 EMPLOYEES . . . . .	-	-	-	-	-	-	-	-	-	-	-
2,500 EMPLOYEES OR MORE . . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 c</sup>	29	.1	.3	.1	.1	.2	.5	.8	1.3	(2)	.3
2491-- WOOD PRESERVING <sup>2</sup>											
ESTABLISHMENTS, TOTAL . . . . .	375	12.2	61.9	10.3	21.7	47.1	135.6	214.5	344.2	10.7	77.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>a</sup> . . . . .	102	.2	.8	.2	.3	.6	2.2	2.9	5.1	.2	1.1
5 TO 9 EMPLOYEES <sup>a</sup> . . . . .	39	.3	1.3	.2	.5	1.0	2.8	4.8	7.6	.2	1.4
10 TO 19 EMPLOYEES . . . . .	57	.8	3.6	.6	1.2	2.6	7.9	13.1	21.1	.7	3.5
20 TO 49 EMPLOYEES . . . . .	89	2.8	14.8	2.4	4.8	11.4	34.9	52.2	86.2	2.3	17.7
50 TO 99 EMPLOYEES . . . . .	60	4.3	21.7	3.6	7.9	16.5	46.4	73.3	118.8	2.8	27.6
100 TO 249 EMPLOYEES . . . . .	27	3.9	12.7	3.3	7.0	15.1	41.3	68.2	105.4	4.5	25.6
250 TO 499 EMPLOYEES . . . . .	1	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)
500 TO 999 EMPLOYEES . . . . .	-	-	-	-	-	-	-	-	-	-	-
1,000 TO 2,499 EMPLOYEES . . . . .	-	-	-	-	-	-	-	-	-	-	-
2,500 EMPLOYEES OR MORE . . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 c</sup>	108	.3	1.4	.3	.6	1.1	3.0	4.7	7.7	.2	1.8
2499-- WOOD PRODUCTS, NEC											
ESTABLISHMENTS, TOTAL . . . . .	3 162	70.4	339.3	61.0	119.9	255.4	614.8	588.2	1 204.6	53.2	146.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>a</sup> . . . . .	1 390	2.4	9.4	2.4	4.2	7.4	23.2	20.3	43.4	3.1	5.1
5 TO 9 EMPLOYEES <sup>a</sup> . . . . .	454	3.1	13.4	2.9	5.2	10.3	24.1	22.8	46.8	.6	5.3
10 TO 19 EMPLOYEES . . . . .	445	6.2	28.1	5.4	10.4	21.5	47.7	50.1	97.6	2.4	9.4
20 TO 49 EMPLOYEES . . . . .	528	16.5	72.6	14.6	27.8	56.1	121.5	129.6	249.6	6.6	27.2
50 TO 99 EMPLOYEES . . . . .	212	14.6	66.6	12.8	25.5	51.3	105.7	110.9	216.7	15.7	28.0
100 TO 249 EMPLOYEES . . . . .	109	16.4	82.7	14.2	28.5	62.9	150.2	150.5	300.7	14.3	35.9
250 TO 499 EMPLOYEES . . . . .	19	6.7	37.8	5.4	10.8	26.9	85.4	64.7	150.8	4.4	21.9
500 TO 999 EMPLOYEES . . . . .	3	4.6	28.6	3.4	7.6	19.0	57.1	39.4	99.0	6.1	13.1
1,000 TO 2,499 EMPLOYEES . . . . .	2	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)
2,500 EMPLOYEES OR MORE . . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 c</sup>	1 492	4.0	15.0	4.0	6.8	11.6	32.3	28.6	61.0	.1	7.9

See footnotes at end of table.



TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					
2511-- WOOD HOUSEHOLD FURNITURE											
ESTABLISHMENTS, TOTAL . . . . .	3 084	157.4	738.1	139.7	283.9	582.8	1 322.0	1 132.3	2 438.9	74.0	398.9
ESTABLISHMENTS WITH AN AVERAGE OF—											
1 TO 4 EMPLOYEES . . . . .	1 310	2.2	10.4	2.2	4.0	8.3	25.0	22.1	47.1	1.0	6.8
5 TO 9 EMPLOYEES . . . . .	455	3.0	14.8	2.9	5.3	11.9	27.0	23.2	50.2	1.2	6.6
10 TO 19 EMPLOYEES . . . . .	308	4.3	22.1	3.8	7.3	16.9	39.8	32.4	71.9	1.3	8.9
20 TO 49 EMPLOYEES . . . . .	429	13.4	64.0	11.7	22.9	49.4	112.6	98.8	211.2	3.8	24.9
50 TO 99 EMPLOYEES . . . . .	225	16.2	76.9	14.2	28.6	59.1	133.7	117.5	249.7	6.1	37.7
100 TO 249 EMPLOYEES . . . . .	206	33.0	157.5	28.9	58.7	121.8	269.1	227.3	496.5	9.7	83.8
250 TO 499 EMPLOYEES . . . . .	100	36.4	163.2	32.5	66.5	130.1	305.6	281.0	579.7	19.8	102.9
500 TO 999 EMPLOYEES . . . . .	39	27.6	130.9	24.8	52.6	106.2	244.1	203.2	443.6	15.8	79.1
1,000 TO 2,499 EMPLOYEES . . . . .	10	21.2	98.2	18.8	37.9	79.1	165.1	126.8	289.1	15.4	48.3
2,500 EMPLOYEES OR MORE . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>10</sup>	1 517	4.1	18.7	4.1	7.4	15.0	39.3	35.0	74.4	1.3	11.1
2512-- UPHOLSTERED HOUSEHOLD FURNITURE											
ESTABLISHMENTS, TOTAL . . . . .	1 644	75.2	376.2	64.8	125.9	287.0	670.3	600.3	1 266.4	17.1	142.6
ESTABLISHMENTS WITH AN AVERAGE OF—											
1 TO 4 EMPLOYEES . . . . .	458	.8	3.6	.8	1.3	2.8	8.1	6.9	15.0	(2)	1.4
5 TO 9 EMPLOYEES . . . . .	241	1.7	8.5	1.6	2.7	6.6	15.6	13.3	28.8	.3	2.7
10 TO 19 EMPLOYEES . . . . .	218	3.1	16.5	2.7	5.1	13.1	27.4	22.1	49.4	.6	4.4
20 TO 49 EMPLOYEES . . . . .	356	11.2	56.2	9.7	18.7	43.7	94.5	85.1	179.8	2.5	17.5
50 TO 99 EMPLOYEES . . . . .	192	13.6	64.1	11.7	22.5	48.9	107.7	96.5	203.4	2.6	21.7
100 TO 249 EMPLOYEES . . . . .	122	19.4	97.2	16.7	32.3	73.9	168.3	158.4	326.0	4.5	39.1
250 TO 499 EMPLOYEES . . . . .	41	13.9	71.9	12.0	24.0	54.0	132.0	120.9	252.1	3.9	30.5
500 TO 999 EMPLOYEES . . . . .	15	11.5	58.0	9.7	19.5	44.0	116.7	97.0	211.9	2.8	25.2
1,000 TO 2,499 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>10</sup>	555	1.6	7.5	1.6	2.7	5.8	14.9	12.9	27.8	.2	2.8
2514-- METAL HOUSEHOLD FURNITURE											
ESTABLISHMENTS, TOTAL . . . . .	486	31.0	155.5	25.8	50.3	109.6	291.3	312.0	605.3	10.1	83.6
ESTABLISHMENTS WITH AN AVERAGE OF—											
1 TO 4 EMPLOYEES . . . . .	113	.2	.9	.2	.3	.7	2.3	2.4	4.7	(2)	.5
5 TO 9 EMPLOYEES . . . . .	55	.4	1.9	.3	.6	1.3	3.7	4.2	7.9	.1	.9
10 TO 19 EMPLOYEES . . . . .	67	.9	4.6	.8	1.6	3.4	8.5	8.5	16.9	.3	1.6
20 TO 49 EMPLOYEES . . . . .	111	3.7	18.8	3.1	5.8	13.4	34.2	34.2	68.0	1.0	7.6
50 TO 99 EMPLOYEES . . . . .	54	3.7	18.2	3.1	5.9	13.3	32.7	36.0	69.0	.9	8.5
100 TO 249 EMPLOYEES . . . . .	53	8.5	41.3	7.2	14.3	28.3	77.6	85.3	163.5	2.1	19.2
250 TO 499 EMPLOYEES . . . . .	27	9.3	48.3	7.8	15.4	35.0	86.2	97.3	185.0	3.5	30.6
500 TO 999 EMPLOYEES . . . . .	6	4.3	21.4	3.3	6.4	14.3	46.1	44.1	90.2	2.3	14.6
ESTABS. COVERED BY ADMIN. RECORDS <sup>10</sup>	131	.4	1.7	.4	.6	1.2	3.7	4.0	7.6	.1	.9
2515-- MATTRESSES AND BEDSPRINGS											
ESTABLISHMENTS, TOTAL . . . . .	1 013	31.2	171.5	24.4	47.8	110.7	335.5	408.8	745.1	10.3	83.6
ESTABLISHMENTS WITH AN AVERAGE OF—											
1 TO 4 EMPLOYEES . . . . .	363	.6	2.7	.6	.9	1.8	6.9	9.6	16.4	.1	1.8
5 TO 9 EMPLOYEES . . . . .	148	1.0	4.7	.9	1.5	3.0	10.3	15.7	26.0	.3	2.4
10 TO 19 EMPLOYEES . . . . .	161	2.3	11.6	1.8	3.6	7.8	22.6	31.8	54.4	.8	4.9
20 TO 49 EMPLOYEES . . . . .	191	5.9	31.0	4.7	9.2	20.2	61.4	83.9	145.0	1.7	14.6
50 TO 99 EMPLOYEES . . . . .	95	6.3	35.1	4.9	9.7	20.8	71.8	95.1	166.4	2.4	16.9
100 TO 249 EMPLOYEES . . . . .	38	5.4	29.5	4.1	7.9	18.2	56.6	66.5	123.2	2.0	13.5
250 TO 499 EMPLOYEES . . . . .	11	4.1	23.6	3.1	6.6	14.8	41.7	46.9	89.6	.7	12.1
500 TO 999 EMPLOYEES . . . . .	4	5.6	33.3	4.3	8.4	24.1	64.3	59.4	124.1	2.2	17.5
1,000 TO 2,499 EMPLOYEES . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>10</sup>	425	1.2	5.2	1.2	1.8	3.4	11.6	16.0	27.6	.3	3.0
2519-- HOUSEHOLD FURNITURE, NEC											
ESTABLISHMENTS, TOTAL . . . . .	79	3.0	14.8	2.6	5.2	10.9	30.4	24.7	55.3	1.3	6.2
ESTABLISHMENTS WITH AN AVERAGE OF—											
1 TO 4 EMPLOYEES . . . . .	18	(2)	.1	(2)	(2)	.1	.2	.1	.3	-	(2)
5 TO 9 EMPLOYEES . . . . .	13	.1	.5	.1	.2	.4	.9	.7	1.6	(2)	.3
10 TO 19 EMPLOYEES . . . . .	12	.2	.8	.1	.3	.7	1.9	1.7	3.6	(2)	.4
20 TO 49 EMPLOYEES . . . . .	15	.5	2.6	.4	.9	1.9	4.3	2.6	6.8	.1	1.2
50 TO 99 EMPLOYEES . . . . .	11	.7	3.5	.6	1.2	2.6	7.6	6.4	13.9	.1	1.5
100 TO 249 EMPLOYEES . . . . .	10	1.5	7.3	1.3	2.6	5.3	15.7	13.2	29.2	1.1	2.9
ESTABS. COVERED BY ADMIN. RECORDS <sup>10</sup>	19	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

See footnotes at end of table.

TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments	All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new	End-of-year inventories
		Number	Payroll	Number	Man-hours	Wages					
2521-- WOOD OFFICE FURNITURE											
ESTABLISHMENTS, TOTAL . . . . .	178	8.2	46.4	6.9	14.3	35.6	88.8	71.7	158.3	5.7	27.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	49	.1	.5	.1	.1	.4	1.0	.8	1.8	(Z)	.3
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	25	.2	1.0	.2	.3	.8	1.7	1.5	3.2	(Z)	.4
10 TO 19 EMPLOYEES . . . . .	35	.5	3.1	.4	.8	2.4	5.9	3.5	9.4	.1	.8
20 TO 49 EMPLOYEES . . . . .	33	1.0	6.3	.9	1.8	4.7	10.7	7.4	18.2	.5	2.6
50 TO 99 EMPLOYEES . . . . .	13	.8	4.6	.7	1.4	3.8	10.1	6.6	16.5	.2	2.8
100 TO 249 EMPLOYEES . . . . .	13	1.9	10.8	1.6	3.4	8.4	20.1	14.7	34.3	1.1	6.2
250 TO 499 EMPLOYEES . . . . .	8	3.7	20.1	3.2	6.5	15.2	39.3	37.2	75.1	3.8	14.0
500 TO 999 EMPLOYEES . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN.RECORDS <sup>1 e</sup>	57	.2	.8	.2	.3	.6	1.6	1.3	2.9	(Z)	.5
2522-- METAL OFFICE FURNITURE											
ESTABLISHMENTS, TOTAL . . . . .	187	27.0	178.5	21.1	42.9	125.3	389.3	239.5	622.9	31.5	95.8
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	36	.1	.4	.1	.1	.3	.7	.5	1.2	<sup>2</sup> 14.6	.2
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	13	.1	.5	.1	.1	.4	1.1	.6	1.7	(0)	.2
10 TO 19 EMPLOYEES . . . . .	18	.3	1.5	.2	.4	1.1	2.3	2.1	4.5	(0)	.5
20 TO 49 EMPLOYEES . . . . .	32	1.1	5.8	.9	1.7	4.5	14.0	10.3	24.3	(0)	3.0
50 TO 99 EMPLOYEES . . . . .	32	2.2	12.3	1.8	3.6	8.6	24.8	16.7	41.3	(0)	6.2
100 TO 249 EMPLOYEES . . . . .	28	4.2	24.4	3.5	7.2	19.0	57.9	44.5	101.0	5.5	16.5
250 TO 499 EMPLOYEES . . . . .	15	10.6	66.8	8.0	16.1	44.8	136.9	82.1	235.6	4.4	42.4
500 TO 999 EMPLOYEES . . . . .	8	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1,000 TO 2,499 EMPLOYEES . . . . .	5	8.5	66.8	6.4	13.6	46.7	131.6	82.6	213.4	7.1	26.9
ESTABS. COVERED BY ADMIN.RECORDS <sup>1 e</sup>	28	.1	.3	.1	.1	.2	.6	.4	1.0	-	.2
2531-- PUBLIC BUILDING FURNITURE											
ESTABLISHMENTS, TOTAL . . . . .	438	22.6	132.2	17.5	36.3	89.2	233.6	194.7	421.2	10.0	86.4
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	123	.2	1.0	.2	.3	.7	1.8	1.7	3.5	<sup>2</sup> 3.4	.6
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	60	.4	2.4	.4	.7	1.6	4.4	4.4	8.8	(0)	1.1
10 TO 19 EMPLOYEES . . . . .	67	1.0	5.4	.8	1.5	3.9	8.3	6.9	15.2	(0)	2.0
20 TO 49 EMPLOYEES . . . . .	85	2.7	14.4	2.2	4.3	10.2	24.2	18.9	42.7	(0)	5.6
50 TO 99 EMPLOYEES . . . . .	51	3.6	20.1	2.9	5.9	13.4	32.5	31.0	63.4	(0)	9.7
100 TO 249 EMPLOYEES . . . . .	35	5.3	26.5	4.4	9.0	18.7	49.3	49.9	97.8	2.5	16.8
250 TO 499 EMPLOYEES . . . . .	10	3.2	17.6	2.5	5.2	12.0	38.1	26.5	62.4	1.5	14.0
500 TO 999 EMPLOYEES . . . . .	5	6.2	44.8	4.3	9.3	28.6	75.2	55.5	127.5	2.5	36.7
1,000 TO 2,499 EMPLOYEES . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN.RECORDS <sup>1 e</sup>	145	.4	1.8	.4	.6	1.3	3.5	3.2	6.7	(Z)	1.1
2541-- WOOD PARTITIONS AND FIXTURES											
ESTABLISHMENTS, TOTAL . . . . .	1 470	25.3	170.7	20.7	40.9	124.1	284.6	214.8	498.6	8.1	56.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	668	1.2	7.2	1.2	2.0	5.4	16.1	13.0	29.1	.1	2.4
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	244	1.6	11.2	1.4	2.8	8.3	18.5	13.5	31.9	.4	2.5
10 TO 19 EMPLOYEES . . . . .	220	3.0	20.3	2.4	4.7	14.5	34.1	23.9	57.9	.8	4.5
20 TO 49 EMPLOYEES . . . . .	217	6.4	43.9	5.1	10.1	32.4	68.9	51.5	120.5	1.4	9.2
50 TO 99 EMPLOYEES . . . . .	72	5.2	35.1	4.2	8.4	24.6	60.4	48.8	109.7	1.6	11.5
100 TO 249 EMPLOYEES . . . . .	43	6.2	41.1	5.1	10.3	30.7	69.4	50.3	118.5	2.4	22.2
250 TO 499 EMPLOYEES . . . . .	6	1.8	11.9	1.3	2.6	8.2	17.1	13.8	30.9	1.3	4.3
ESTABS. COVERED BY ADMIN.RECORDS <sup>1 e</sup>	654	1.5	8.4	1.5	2.4	6.2	17.5	14.3	31.8	.2	2.8
2542-- METAL PARTITIONS AND FIXTURES											
ESTABLISHMENTS, TOTAL . . . . .	500	22.7	152.9	17.0	35.1	96.0	302.5	213.0	512.0	19.9	75.3
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	161	.3	1.9	.3	.6	1.3	4.0	3.5	7.5	.7	1.0
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	61	.4	2.7	.3	.7	1.7	4.3	4.2	8.5	.2	.8
10 TO 19 EMPLOYEES . . . . .	90	1.2	7.9	1.0	2.0	5.3	13.4	10.5	23.8	.4	2.2
20 TO 49 EMPLOYEES . . . . .	79	2.6	17.9	2.0	4.1	11.4	30.6	22.2	52.7	.8	5.8
50 TO 99 EMPLOYEES . . . . .	57	4.1	26.3	3.3	6.8	17.3	42.9	34.6	77.5	3.5	8.9
100 TO 249 EMPLOYEES . . . . .	33	5.1	33.3	3.9	8.1	21.5	65.9	53.3	118.4	3.8	20.8
250 TO 499 EMPLOYEES . . . . .	13	4.2	29.1	2.9	6.0	17.6	62.9	45.3	108.7	2.9	16.7
500 TO 999 EMPLOYEES . . . . .	5	4.9	33.7	3.3	6.8	20.0	78.5	39.5	115.0	7.6	18.9
1,000 TO 2,499 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN.RECORDS <sup>1 e</sup>	172	.4	2.6	.4	.8	1.7	5.3	4.4	9.7	.2	1.3

See footnotes at end of table.



TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number	Payroll	Number	Man-hours	Wages					
		(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					
2591-- VENETIAN BLINDS AND SHADES											
ESTABLISHMENTS, TOTAL . . . . .	605	11.6	62.1	8.6	15.9	37.7	122.3	125.4	246.8	6.5	49.8
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>a</sup> . . . . .	372	.6	2.8	.6	.9	2.0	7.8	8.5	16.4	(2)	2.3
5 TO 9 EMPLOYEES <sup>a</sup> . . . . .	103	.7	3.2	.6	1.0	2.0	5.9	6.8	12.7	.1	1.9
10 TO 19 EMPLOYEES . . . . .	69	1.0	5.0	.6	1.3	2.9	8.9	10.6	19.5	.1	2.4
20 TO 49 EMPLOYEES . . . . .	32	.9	4.8	.7	1.2	2.7	7.4	9.8	17.4	.2	2.5
50 TO 99 EMPLOYEES . . . . .	12	.8	4.2	.5	1.1	2.2	9.4	10.1	18.9	.3	2.9
100 TO 249 EMPLOYEES . . . . .	8	1.5	7.3	1.1	2.3	5.2	15.6	18.7	33.5	.6	8.7
250 TO 499 EMPLOYEES . . . . .	4	1.2	6.1	.9	1.8	3.8	11.9	14.0	26.7	.5	6.1
500 TO 999 EMPLOYEES . . . . .	3	5.0	28.7	3.5	6.4	17.0	55.5	46.9	101.7	4.7	22.8
1,000 TO 2,499 EMPLOYEES . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> e	415	1.0	4.3	1.0	1.5	3.1	9.8	11.6	21.4	(2)	3.2
2599-- FURNITURE AND FIXTURES, NEC											
ESTABLISHMENTS, TOTAL . . . . .	324	10.1	59.4	8.4	17.2	44.8	98.9	82.4	179.0	3.5	24.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>a</sup> . . . . .	106	.2	1.2	.2	.3	1.0	2.9	2.5	5.4	.1	.5
5 TO 9 EMPLOYEES <sup>a</sup> . . . . .	39	.3	1.6	.2	.4	1.2	2.6	2.2	4.8	.1	.7
10 TO 19 EMPLOYEES . . . . .	60	.9	5.5	.7	1.4	4.0	9.7	9.3	19.0	.3	1.6
20 TO 49 EMPLOYEES . . . . .	66	2.1	13.7	1.8	3.5	10.0	24.2	19.0	42.8	.8	5.4
50 TO 99 EMPLOYEES . . . . .	29	2.0	11.4	1.7	3.5	8.7	18.7	17.4	35.8	.9	4.9
100 TO 249 EMPLOYEES . . . . .	18	2.4	13.7	2.0	4.2	10.3	21.8	16.5	37.7	.7	4.5
250 TO 499 EMPLOYEES . . . . .	6	2.2	12.3	1.8	3.7	9.6	18.8	15.5	33.5	.6	6.4
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> e	96	.2	1.2	.2	.4	1.0	2.9	2.4	5.2	.1	.5
2611-- PULPMILLS											
ESTABLISHMENTS, TOTAL . . . . .	61	15.1	125.6	12.2	25.4	96.0	333.7	403.2	730.2	121.8	96.7
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	16	.2	2.5	.2	.6	1.9	6.0	24.7	29.7	55.6	2.7
5 TO 9 EMPLOYEES <sup>a</sup> . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
10 TO 19 EMPLOYEES . . . . .	8	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
20 TO 49 EMPLOYEES . . . . .	6	.4	2.7	.3	.7	2.2	4.9	7.2	12.1	(0)	1.1
50 TO 99 EMPLOYEES . . . . .	7	1.1	9.9	.9	2.0	7.4	24.7	41.1	65.9	(0)	8.4
100 TO 249 EMPLOYEES . . . . .	13	5.3	43.4	4.1	8.4	31.6	118.7	136.0	250.9	44.1	35.5
250 TO 499 EMPLOYEES . . . . .	6	4.2	36.8	3.5	7.0	28.2	104.6	107.5	210.2	10.1	35.8
500 TO 999 EMPLOYEES . . . . .	3	3.7	30.3	3.1	6.7	24.7	75.1	86.6	161.7	11.9	13.2
1,000 TO 2,499 EMPLOYEES . . . . .											
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> e	10	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2621-- PAPERMILLS, EXCEPT BUILDING PAPER											
ESTABLISHMENTS, TOTAL . . . . .	354	140.0	1 120.7	112.3	249.2	849.2	2 356.3	2 515.7	4 844.0	581.3	560.3
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>a</sup> . . . . .	21	(2)	.2	(2)	(2)	.1	.3	.4	.7	26.7	.1
5 TO 9 EMPLOYEES <sup>a</sup> . . . . .	5	(2)	.2	(2)	.1	.2	.5	.4	1.0	(2)	.1
10 TO 19 EMPLOYEES . . . . .	15	.2	1.5	.2	.4	1.0	2.8	4.6	7.4	.1	.8
20 TO 49 EMPLOYEES . . . . .	36	1.2	8.9	1.0	2.3	6.7	17.7	26.9	44.9	2.2	4.9
50 TO 99 EMPLOYEES . . . . .	37	2.8	20.5	2.3	5.2	15.0	46.5	51.3	97.3	2.8	10.9
100 TO 249 EMPLOYEES . . . . .	84	13.3	101.6	10.5	24.1	74.3	219.1	296.2	514.0	127.8	57.7
250 TO 499 EMPLOYEES . . . . .	66	23.7	188.2	18.1	43.1	143.6	401.2	461.5	854.0	113.1	109.6
500 TO 999 EMPLOYEES . . . . .	52	37.3	298.6	30.5	66.7	235.5	639.9	736.9	1 372.3	136.2	157.8
1,000 TO 2,499 EMPLOYEES . . . . .	35	61.4	501.0	48.5	107.0	372.7	1 027.8	937.6	1 952.3	172.2	218.2
2,500 EMPLOYEES OR MORE . . . . .	3	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> e	16	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2621-12 INTEGRATED WITH A PULPMILL											
ESTABLISHMENTS, TOTAL . . . . .	107	92.5	750.3	74.8	163.8	576.8	1 610.3	1 582.7	3 170.1	417.8	346.9
1 TO 4 EMPLOYEES <sup>a</sup> . . . . .	1	1.6	12.9	1.3	3.0	9.8	34.8	39.3	73.4	157.1	9.3
5 TO 9 EMPLOYEES <sup>a</sup> . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
10 TO 19 EMPLOYEES . . . . .	9	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
20 TO 49 EMPLOYEES . . . . .	23	9.0	71.1	7.7	17.0	58.2	162.5	180.7	337.7	(0)	42.3
50 TO 99 EMPLOYEES . . . . .	39	28.5	228.0	23.6	51.5	183.0	491.0	552.6	1 040.0	111.0	112.1
1,000 TO 2,499 EMPLOYEES . . . . .	30	53.2	438.1	42.0	92.6	325.8	922.0	810.0	1 719.0	149.6	183.1
2,500 EMPLOYEES OR MORE . . . . .	3	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

See footnotes at end of table.

TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establish- ments	All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new	End-of- year inventories
		Number	Payroll	Number	Man-hours	Wages					
		(number)	(1,000)	(million dollars)	(1,000)	(millions)					
2621-14 NOT INTEGRATED WITH A PULPMILL											
ESTABLISHMENTS, TOTAL. . . . .	247	47.5	370.4	37.5	85.1	272.4	746.1	933.1	1 673.9	163.5	213.4
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES. . . . .	21	(2)	.2	(2)	(2)	.1	.3	.4	.7	26.7	.1
5 TO 9 EMPLOYEES. . . . .	5	(2)	.2	(2)	.1	.2	.5	.4	1.0	(2)	.1
10 TO 19 EMPLOYEES. . . . .	15	5.2	1.5	.2	.4	1.0	2.8	4.6	7.4	.1	.8
20 TO 49 EMPLOYEES. . . . .	35	15.7	118.1	12.3	28.6	86.3	248.5	335.0	582.9	57.1	64.3
50 TO 99 EMPLOYEES. . . . .	35	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
100 TO 249 EMPLOYEES. . . . .	75	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
250 TO 499 EMPLOYEES. . . . .	43	14.6	117.1	11.5	26.3	85.4	238.8	280.9	516.4	(0)	67.3
500 TO 999 EMPLOYEES. . . . .	13	8.8	70.6	6.9	15.3	52.6	149.2	184.3	332.3	25.2	45.7
1,000 TO 2,499 EMPLOYEES. . . . .	5	8.2	62.9	6.5	14.4	46.9	105.9	127.5	233.3	22.6	35.1
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> . . . . .	16	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2631-- PAPERBOARD MILLS											
ESTABLISHMENTS, TOTAL. . . . .	283	67.0	533.5	53.8	118.2	405.9	1 508.8	1 402.9	2 907.0	398.6	191.9
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES. . . . .	9	(2)	.3	(2)	(2)	.2	.2	.5	.8	114.9	.1
5 TO 9 EMPLOYEES. . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
10 TO 19 EMPLOYEES. . . . .	8	.1	.6	.1	.2	.5	1.5	2.1	3.6	.1	.3
20 TO 49 EMPLOYEES. . . . .	36	1.3	9.5	1.1	2.6	7.6	16.9	15.3	32.1	(0)	1.6
50 TO 99 EMPLOYEES. . . . .	61	4.5	33.7	3.7	8.6	26.6	74.9	73.7	148.9	6.7	9.5
100 TO 249 EMPLOYEES. . . . .	96	15.1	114.8	12.5	28.5	90.1	271.3	279.7	550.2	81.8	36.0
250 TO 499 EMPLOYEES. . . . .	40	13.7	113.0	11.1	24.5	87.2	355.5	309.8	665.8	26.5	45.2
500 TO 999 EMPLOYEES. . . . .	18	12.5	105.5	9.9	22.3	80.3	333.6	311.6	643.5	51.3	37.8
1,000 TO 2,499 EMPLOYEES. . . . .	12	19.7	156.2	15.3	31.5	113.4	455.0	410.1	862.1	117.4	61.4
2,500 EMPLOYEES OR MORE. . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> . . . . .	4	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2631-12 INTEGRATED WITH A PULPMILL											
ESTABLISHMENTS, TOTAL. . . . .	74	41.7	340.9	32.9	69.8	254.3	1 075.1	948.5	2 019.3	283.3	131.3
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES. . . . .	1	.3	2.5	.2	.6	2.1	5.6	5.4	10.9	199.3	.1
5 TO 9 EMPLOYEES. . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
10 TO 19 EMPLOYEES. . . . .	3	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
20 TO 49 EMPLOYEES. . . . .	21	3.6	28.9	3.0	6.3	22.4	87.9	76.3	163.9	(0)	9.0
50 TO 99 EMPLOYEES. . . . .	21	7.9	66.9	6.3	13.7	51.7	229.6	192.8	422.8	20.0	28.5
100 TO 249 EMPLOYEES. . . . .	14	10.2	86.5	8.0	17.8	64.8	297.2	263.9	559.6	46.6	32.3
250 TO 499 EMPLOYEES. . . . .	12	19.7	156.2	15.3	31.5	113.4	455.0	410.1	862.1	117.4	61.4
500 TO 999 EMPLOYEES. . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2,500 EMPLOYEES OR MORE. . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2631-14 NOT INTEGRATED WITH A PULPMILL											
ESTABLISHMENTS, TOTAL. . . . .	209	25.3	192.6	20.9	48.4	151.6	433.7	454.4	887.7	115.3	60.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES. . . . .	9	(2)	.3	(2)	(2)	.2	.2	.5	.8	104.0	.1
5 TO 9 EMPLOYEES. . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
10 TO 19 EMPLOYEES. . . . .	7	5.6	41.4	4.7	10.8	32.7	87.8	85.7	173.7	(0)	11.3
20 TO 49 EMPLOYEES. . . . .	35	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
50 TO 99 EMPLOYEES. . . . .	58	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
100 TO 249 EMPLOYEES. . . . .	75	11.5	85.9	9.5	22.2	67.7	183.4	203.4	386.3	(0)	27.0
250 TO 499 EMPLOYEES. . . . .	19	5.9	46.1	4.8	10.8	35.5	125.9	117.0	243.0	6.6	16.7
500 TO 999 EMPLOYEES. . . . .	4	2.3	19.0	2.0	4.5	15.5	36.4	47.7	83.9	4.7	5.5
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> . . . . .	4	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2661-- BUILDING PAPER AND BOARD MILLS											
ESTABLISHMENTS, TOTAL. . . . .	94	11.7	82.5	10.0	21.5	67.4	183.7	155.6	341.1	20.3	31.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES. . . . .	11	.1	.9	.1	.2	.8	1.9	1.7	3.8	28.9	.3
5 TO 9 EMPLOYEES. . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
10 TO 19 EMPLOYEES. . . . .	7	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
20 TO 49 EMPLOYEES. . . . .	26	.8	5.2	.8	1.6	4.4	8.9	10.0	16.9	.8	1.0
50 TO 99 EMPLOYEES. . . . .	18	1.2	8.4	1.0	2.2	7.0	16.1	16.3	32.6	.6	2.1
100 TO 249 EMPLOYEES. . . . .	18	2.9	19.8	2.5	5.3	16.4	50.0	45.1	95.8	3.5	9.2
250 TO 499 EMPLOYEES. . . . .	7	2.3	15.7	1.9	4.0	12.2	32.5	28.4	60.7	3.1	5.6
500 TO 999 EMPLOYEES. . . . .	3	4.3	32.5	3.8	8.2	26.7	74.3	54.0	129.4	3.4	13.5
1,000 TO 2,499 EMPLOYEES. . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> . . . . .	6	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	-	(0)

See footnotes at end of table.



TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)											
Item	Establish- ments (number)	All employees		Production workers			Value added by manufac- ture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expendi- tures, new (million dollars)	End-of- year inventories (million dollars)
		Number	Payroll	Number	Man-hours	Wages					
		(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					
2661-12 INTEGRATED WITH A PULPMILL											
ESTABLISHMENTS, TOTAL . . . . .	37	8.2	57.6	7.0	15.0	47.1	131.5	114.7	247.9	16.3	24.1
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	1	.1	.6	.1	.1	.5	.8	2.0	2.8	<sup>2</sup> 10.4	.1
5 TO 9 EMPLOYEES . . . . .	3	(D)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
10 TO 19 EMPLOYEES . . . . .	11	.7	5.0	.6	1.3	4.1	10.0	9.3	19.4	(O)	1.1
20 TO 49 EMPLOYEES . . . . .	13	2.2	15.2	1.9	4.1	12.7	37.5	34.3	72.4	(D)	6.9
50 TO 99 EMPLOYEES . . . . .	5	5.2	36.7	4.5	9.4	29.7	83.2	69.2	153.4	6.0	16.1
100 TO 249 EMPLOYEES . . . . .	2	(D)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
250 TO 499 EMPLOYEES . . . . .	2	(D)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
500 TO 999 EMPLOYEES . . . . .	2	(D)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
1,000 TO 2,499 EMPLOYEES . . . . .	2	(D)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
2661-14 NOT INTEGRATED WITH A PULPMILL											
ESTABLISHMENTS, TOTAL . . . . .	57	3.6	25.0	3.0	6.5	20.3	52.2	40.9	93.2	4.0	7.4
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	10	.9	5.4	.8	1.7	4.9	10.0	9.8	19.9	<sup>2</sup> 3.4	1.1
5 TO 9 EMPLOYEES . . . . .	2	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
10 TO 19 EMPLOYEES . . . . .	7	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
20 TO 49 EMPLOYEES . . . . .	23	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
50 TO 99 EMPLOYEES . . . . .	7	.5	3.4	.4	.9	2.8	6.1	7.1	13.2	(O)	1.0
100 TO 249 EMPLOYEES . . . . .	5	.7	4.7	.6	1.2	3.7	12.5	10.9	23.5	(D)	2.4
250 TO 499 EMPLOYEES . . . . .	2	1.4	11.5	1.2	2.7	9.1	23.6	13.1	36.7	.5	3.0
500 TO 999 EMPLOYEES . . . . .	1	(D)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
ESTAB5. COVERED BY ADMIN. RECORDS <sup>1</sup>	6	(D)	(D)	(D)	(D)	(O)	(D)	(D)	(D)	(D)	(D)
2641-- PAPER COATING AND GLAZING											
ESTABLISHMENTS, TOTAL . . . . .	397	37.1	260.8	27.0	56.4	165.6	728.0	843.3	1 566.5	59.1	200.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>2</sup> . . . . .	77	.2	1.0	.1	.3	.7	3.1	3.8	7.0	.1	.7
5 TO 9 EMPLOYEES . . . . .	47	.3	2.3	.3	.5	1.5	5.9	9.7	15.7	.3	1.2
10 TO 19 EMPLOYEES . . . . .	71	1.0	6.6	.7	1.5	4.1	15.5	19.5	34.8	1.3	3.5
20 TO 49 EMPLOYEES . . . . .	62	2.0	13.2	1.5	3.0	8.3	28.7	45.2	73.9	2.6	8.6
50 TO 99 EMPLOYEES . . . . .	50	3.7	24.7	2.8	5.9	16.0	54.0	94.8	148.0	4.0	17.0
100 TO 249 EMPLOYEES . . . . .	53	8.4	56.5	6.2	13.0	36.6	122.9	191.0	313.5	10.5	39.3
250 TO 499 EMPLOYEES . . . . .	23	7.5	54.0	5.6	12.1	34.6	116.4	184.6	297.9	11.0	41.6
500 TO 999 EMPLOYEES . . . . .	9	6.0	43.8	4.1	9.0	26.7	152.5	123.3	273.5	13.2	67.8
1,000 TO 2,499 EMPLOYEES . . . . .	4	8.2	58.6	5.7	11.1	36.9	228.9	171.3	402.3	16.0	20.3
2,500 EMPLOYEES OR MORE . . . . .	1	(D)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
ESTAB5. COVERED BY ADMIN. RECORDS <sup>1</sup>	65	.1	.9	.1	.2	.6	1.9	2.4	4.4	.1	.5
2642-- ENVELOPES											
ESTABLISHMENTS, TOTAL . . . . .	228	22.5	141.9	18.1	37.6	98.0	253.1	219.5	470.3	13.4	58.4
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>2</sup> . . . . .	28	(2)	.2	(2)	.1	.2	1.0	.6	1.6	(2)	.2
5 TO 9 EMPLOYEES . . . . .	12	.1	.4	.1	.1	.3	.6	.8	1.4	(2)	.1
10 TO 19 EMPLOYEES . . . . .	25	.4	2.2	.3	.6	1.4	4.6	6.9	11.4	.2	.9
20 TO 49 EMPLOYEES . . . . .	30	1.0	5.7	.8	1.6	3.8	11.6	8.8	20.4	.5	1.8
50 TO 99 EMPLOYEES . . . . .	54	4.0	24.6	3.2	6.6	16.2	43.6	39.0	82.1	2.3	11.0
100 TO 249 EMPLOYEES . . . . .	58	9.2	59.6	7.4	15.2	41.5	106.0	87.6	193.1	4.9	22.8
250 TO 499 EMPLOYEES . . . . .	19	7.9	49.3	6.3	13.3	34.6	85.7	75.8	160.3	5.5	21.6
500 TO 999 EMPLOYEES . . . . .	2	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
ESTAB5. COVERED BY ADMIN. RECORDS <sup>1</sup>	31	.1	.3	.1	.1	.2	.7	.6	1.3	(2)	.1
2643-- BAGS, EXCEPT TEXTILE BAGS											
ESTABLISHMENTS, TOTAL . . . . .	557	46.3	278.3	37.1	75.6	197.4	563.7	819.4	1 375.6	45.6	163.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>2</sup> . . . . .	130	.3	1.4	.2	.4	1.0	4.3	6.4	10.6	.2	1.2
5 TO 9 EMPLOYEES . . . . .	55	.4	2.0	.3	.6	1.4	4.3	6.7	11.0	.2	1.1
10 TO 19 EMPLOYEES . . . . .	62	.9	5.3	.7	1.4	3.5	13.2	19.7	32.6	1.3	2.7
20 TO 49 EMPLOYEES . . . . .	105	3.3	19.5	2.6	5.1	13.1	39.1	54.4	92.9	2.9	8.9
50 TO 99 EMPLOYEES . . . . .	75	5.6	31.5	4.5	9.4	21.7	65.7	104.2	168.5	5.0	19.6
100 TO 249 EMPLOYEES . . . . .	85	13.7	78.8	11.1	22.8	57.3	158.2	263.5	419.9	13.9	54.0
250 TO 499 EMPLOYEES . . . . .	31	9.9	59.5	8.1	16.6	42.7	119.5	152.9	270.6	9.1	35.2
500 TO 999 EMPLOYEES . . . . .	10	6.6	44.0	5.0	10.3	30.1	87.4	124.0	210.2	10.8	28.1
1,000 TO 2,499 EMPLOYEES . . . . .	4	5.7	36.3	4.5	9.0	26.7	72.0	87.6	159.2	2.2	12.9
ESTAB5. COVERED BY ADMIN. RECORDS <sup>1</sup>	146	.5	2.5	.5	.7	1.9	6.3	9.5	15.8	.2	1.9

See footnotes at end of table.

TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number	Payroll	Number	Man-hours	Wages					
		(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					
2644-- WALLPAPER											
ESTABLISHMENTS, TOTAL . . . . .	77	2.3	14.6	1.8	3.6	9.9	27.0	22.4	48.6	.5	11.5
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>c</sup> . . . . .	23	(2)	.3	(2)	.1	.2	.5	.3	.9	-	.2
5 TO 9 EMPLOYEES <sup>c</sup> . . . . .	10	.1	.4	.1	.1	.3	1.0	.6	1.7	(2)	.2
10 TO 19 EMPLOYEES <sup>c</sup> . . . . .	13	.2	1.0	.2	.3	.8	1.7	1.2	2.9	(2)	.4
20 TO 49 EMPLOYEES <sup>c</sup> . . . . .	18	.6	3.6	.5	.9	2.3	7.8	6.6	14.0	.2	2.8
50 TO 99 EMPLOYEES <sup>c</sup> . . . . .	7	.5	3.2	.4	.8	2.2	4.2	3.4	7.9	.1	2.2
100 TO 249 EMPLOYEES . . . . .	6	.9	6.0	.7	1.5	4.1	11.8	10.3	21.4	.2	5.8
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	25	.1	.4	.1	.1	.3	1.0	.6	1.5	(2)	.3
2645-- DIE-CUT PAPER AND BOARD											
ESTABLISHMENTS, TOTAL . . . . .	440	18.6	117.3	14.7	29.4	79.9	247.3	329.1	577.5	9.0	56.1
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>c</sup> . . . . .	107	.2	1.0	.2	.3	.7	2.3	2.3	4.5	.1	.4
5 TO 9 EMPLOYEES <sup>c</sup> . . . . .	67	.5	2.7	.4	.8	1.8	5.6	6.7	12.3	.4	1.0
10 TO 19 EMPLOYEES . . . . .	77	1.1	6.5	.9	1.7	4.5	15.0	21.1	36.0	.4	3.1
20 TO 49 EMPLOYEES . . . . .	97	2.9	16.6	2.3	4.6	11.2	34.0	47.4	81.1	1.3	6.0
50 TO 99 EMPLOYEES . . . . .	45	3.3	19.3	2.6	5.2	12.9	37.3	39.8	77.1	1.3	7.1
100 TO 249 EMPLOYEES . . . . .	35	5.6	33.6	4.6	9.0	23.3	74.6	131.4	206.6	2.9	17.5
250 TO 499 EMPLOYEES . . . . .	10	5.1	37.6	3.8	7.8	25.5	78.6	80.4	159.9	2.4	20.9
500 TO 999 EMPLOYEES . . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	110	.3	1.5	.3	.5	1.1	3.2	2.9	6.1	.1	.6
2646-- PRESSED AND MOLDED PULP GOODS											
ESTABLISHMENTS, TOTAL . . . . .	58	6.7	44.8	5.4	11.4	33.0	97.8	48.7	145.9	17.6	16.2
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>c</sup> . . . . .	9	(2)	.1	(2)	(2)	(2)	.1	.1	.2	-	(2)
5 TO 9 EMPLOYEES <sup>c</sup> . . . . .	3	(2)	.3	(2)	(2)	.2	.4	.2	.6	3.1	.1
10 TO 19 EMPLOYEES . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20 TO 49 EMPLOYEES . . . . .	15	.4	2.3	.3	.7	1.7	5.0	3.9	8.7	.7	1.3
50 TO 99 EMPLOYEES . . . . .	12	.9	5.4	.7	1.4	4.0	11.5	6.2	17.7	.5	2.6
100 TO 249 EMPLOYEES . . . . .	8	1.3	8.5	1.1	2.4	7.1	20.1	9.7	29.5	3.4	4.1
250 TO 499 EMPLOYEES . . . . .	9	4.1	28.3	3.2	6.8	20.1	60.6	28.7	89.2	10.6	8.1
1,000 TO 2,499 EMPLOYEES . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup>	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2647-- SANITARY PAPER PRODUCTS											
ESTABLISHMENTS, TOTAL . . . . .	125	22.0	154.2	18.3	37.6	119.2	540.2	757.8	1,293.4	58.5	78.9
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>c</sup> . . . . .	20	(2)	.1	(2)	(2)	.1	.4	.6	1.0	32.6	.1
5 TO 9 EMPLOYEES <sup>c</sup> . . . . .	5	(2)	.2	(2)	(2)	.1	.5	.9	1.4	(D)	.1
10 TO 19 EMPLOYEES . . . . .	14	.2	1.3	.1	.3	.7	2.8	4.2	6.9	(D)	.7
20 TO 49 EMPLOYEES . . . . .	20	.7	4.1	.6	1.1	2.9	10.6	21.3	31.7	(D)	2.1
50 TO 99 EMPLOYEES . . . . .	17	1.2	7.5	1.0	2.0	5.0	18.0	45.4	63.2	(D)	5.9
100 TO 249 EMPLOYEES . . . . .	21	3.3	19.6	2.8	6.0	15.6	67.1	93.1	159.8	(D)	13.3
250 TO 499 EMPLOYEES . . . . .	15	5.6	37.9	4.8	9.9	31.3	149.3	186.7	333.9	5.1	21.8
500 TO 999 EMPLOYEES . . . . .	9	6.5	47.7	5.2	10.6	34.7	202.8	221.4	423.3	13.3	21.1
1,000 TO 2,499 EMPLOYEES . . . . .	4	4.5	35.8	3.8	7.7	28.6	88.8	184.2	272.1	7.6	13.8
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup>	14	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2649-- CONVERTED PAPER PRODUCTS, NEC											
ESTABLISHMENTS, TOTAL . . . . .	610	31.1	175.5	24.4	47.2	116.2	376.1	366.0	732.2	22.2	128.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>c</sup> . . . . .	179	.3	1.6	.3	.5	1.0	4.0	3.6	7.5	.2	.9
5 TO 9 EMPLOYEES <sup>c</sup> . . . . .	83	.6	3.1	.5	.9	2.0	6.6	6.3	12.8	.2	1.5
10 TO 19 EMPLOYEES . . . . .	90	1.2	7.3	1.0	1.9	4.6	15.7	16.7	32.3	.5	3.5
20 TO 49 EMPLOYEES . . . . .	116	3.8	20.2	3.1	5.9	13.9	47.1	47.6	96.4	2.4	11.6
50 TO 99 EMPLOYEES . . . . .	68	4.8	24.9	3.8	7.4	16.6	50.8	54.5	104.5	2.1	16.0
100 TO 249 EMPLOYEES . . . . .	55	9.4	52.2	7.2	14.0	33.9	100.5	116.2	216.0	5.7	37.5
250 TO 499 EMPLOYEES . . . . .	13	4.4	26.7	3.3	6.7	17.8	58.0	53.8	110.4	2.1	18.8
500 TO 999 EMPLOYEES . . . . .	5	6.7	39.5	5.2	10.0	26.2	93.5	67.3	152.1	9.1	38.8
2,500 EMPLOYEES OR MORE . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	203	.6	3.2	.6	1.0	2.2	7.0	5.8	12.8	.2	1.7

See footnotes at end of table.



TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					
2651-- FOLDING PAPERBOARD BOXES											
ESTABLISHMENTS, TOTAL . . . . .	569	49.3	322.6	39.5	82.1	228.8	563.2	657.2	1 216.2	42.2	172.7
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	78	.2	.9	.1	.2	.6	2.3	2.5	4.7	.3	.6
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	34	.2	1.3	.2	.4	1.0	2.7	2.9	5.6	.1	.6
10 TO 19 EMPLOYEES . . . . .	64	.9	5.4	.7	1.6	3.8	10.7	9.9	20.4	.5	1.8
20 TO 49 EMPLOYEES . . . . .	140	4.5	26.5	3.7	7.4	18.3	47.2	48.6	95.4	2.7	10.1
50 TO 99 EMPLOYEES . . . . .	108	7.9	48.5	6.5	13.1	34.6	87.7	88.7	175.0	6.1	23.6
100 TO 249 EMPLOYEES . . . . .	100	16.3	104.4	13.1	27.2	74.3	189.4	198.4	386.6	16.1	58.0
250 TO 499 EMPLOYEES . . . . .	35	11.9	79.9	9.5	19.7	57.5	133.5	165.4	298.0	12.0	44.4
500 TO 999 EMPLOYEES . . . . .	9	7.4	55.8	5.6	12.4	38.8	89.8	141.0	230.5	4.3	33.7
1,000 TO 2,499 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	80	.2	1.2	.2	.4	.9	2.8	3.0	5.8	.2	.8
2652-- SETUP PAPERBOARD BOXES											
ESTABLISHMENTS, TOTAL . . . . .	454	21.1	100.4	18.3	35.4	73.3	160.2	122.7	282.4	6.1	31.2
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	55	.1	.5	.1	.2	.4	1.9	1.5	3.4	.2	.4
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	42	.3	1.4	.3	.5	1.0	2.3	2.5	4.7	(2)	.4
10 TO 19 EMPLOYEES . . . . .	62	.9	3.8	.8	1.5	2.9	6.8	6.1	13.0	.2	1.1
20 TO 49 EMPLOYEES . . . . .	152	4.8	21.4	4.2	8.0	16.1	34.4	24.6	58.9	1.7	6.4
50 TO 99 EMPLOYEES . . . . .	92	6.3	29.8	5.5	10.8	22.1	47.7	37.5	84.8	1.7	9.1
100 TO 249 EMPLOYEES . . . . .	48	7.3	35.9	6.3	12.4	26.1	55.1	42.9	98.0	1.8	11.3
250 TO 499 EMPLOYEES . . . . .	2	1.2	7.6	1.0	2.1	4.7	12.0	7.6	19.6	.6	2.4
500 TO 999 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	71	.3	1.2	.3	.5	.9	2.9	2.1	5.0	.1	.6
2653-- CORRUGATED AND SOLID FIBER BOXES											
ESTABLISHMENTS, TOTAL . . . . .	1 071	97.1	656.0	73.0	152.5	435.0	1 130.0	1 830.4	2 959.6	127.7	258.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	109	.2	1.1	.2	.3	.8	2.1	3.5	5.6	.2	.5
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	54	.4	2.4	.3	.6	1.5	5.3	10.6	15.9	2.1	.9
10 TO 19 EMPLOYEES . . . . .	105	1.6	9.1	1.2	2.3	5.6	18.2	29.1	47.2	2.1	2.9
20 TO 49 EMPLOYEES . . . . .	250	8.2	48.4	6.3	12.7	30.4	84.9	152.0	236.2	20.0	13.4
50 TO 99 EMPLOYEES . . . . .	148	10.4	62.2	7.8	16.0	39.8	112.9	182.5	295.0	18.5	27.4
100 TO 249 EMPLOYEES . . . . .	333	53.1	363.0	39.6	83.7	241.1	628.1	1 025.3	1 653.9	46.0	152.6
250 TO 499 EMPLOYEES . . . . .	69	21.6	156.1	16.2	34.1	105.9	255.8	391.6	647.5	21.0	55.3
500 TO 999 EMPLOYEES . . . . .	3	1.8	13.5	1.4	2.8	9.9	22.7	35.7	58.3	1.2	5.1
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	86	.2	1.4	.2	.4	.9	2.4	3.7	6.2	.1	.6
2654-- SANITARY FOOD CONTAINERS											
ESTABLISHMENTS, TOTAL . . . . .	244	35.3	213.8	28.5	60.2	157.8	506.1	595.3	1 093.9	48.1	170.3
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	18	(2)	.1	(2)	(2)	.1	.3	.3	.6	.2	.1
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	14	.1	.6	.1	.2	.4	1.2	2.0	3.1	(0)	.3
10 TO 19 EMPLOYEES . . . . .	28	.4	2.3	.3	.7	1.7	6.6	6.2	12.8	(0)	.8
20 TO 49 EMPLOYEES . . . . .	46	1.6	8.3	1.3	2.7	6.5	18.1	32.1	50.4	1.8	5.8
50 TO 99 EMPLOYEES . . . . .	56	4.0	23.3	3.3	6.8	17.3	53.9	107.8	161.1	5.0	17.9
100 TO 249 EMPLOYEES . . . . .	50	7.7	46.7	6.3	13.0	34.1	99.0	167.2	265.0	8.1	33.7
250 TO 499 EMPLOYEES . . . . .	18	6.4	40.4	5.2	11.1	30.0	102.4	79.5	180.4	6.1	34.1
500 TO 999 EMPLOYEES . . . . .	9	6.5	41.0	5.3	11.4	31.5	111.4	104.5	217.2	10.8	39.3
1,000 TO 2,499 EMPLOYEES . . . . .	5	8.6	51.1	6.7	14.3	36.3	113.2	95.7	203.4	10.4	38.2
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	16	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2655-- FIBER CANS, DRUMS, REL. MATERIAL											
ESTABLISHMENTS, TOTAL . . . . .	268	15.7	93.7	13.3	27.9	72.9	181.1	203.0	385.2	13.3	36.8
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	41	.1	.5	.1	.2	.4	.9	.8	1.7	.6	.2
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	25	.2	.9	.2	.3	.7	1.8	2.0	3.7	.1	.3
10 TO 19 EMPLOYEES . . . . .	42	.6	3.3	.5	1.1	2.4	7.2	9.7	16.9	.6	1.4
20 TO 49 EMPLOYEES . . . . .	66	2.2	12.6	1.8	3.9	9.3	28.5	36.3	64.8	1.9	6.7
50 TO 99 EMPLOYEES . . . . .	54	3.8	22.0	3.1	6.7	16.4	43.6	57.3	101.9	2.7	10.1
100 TO 249 EMPLOYEES . . . . .	33	4.9	28.9	4.1	8.6	22.6	58.2	63.8	122.0	5.7	11.8
250 TO 499 EMPLOYEES . . . . .	6	4.1	25.5	3.5	7.1	21.2	40.9	33.1	74.1	1.7	6.3
1,000 TO 2,499 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	41	.1	.8	.1	.2	.6	1.3	1.3	2.6	(2)	.3

See footnotes at end of table.

TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)											
Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of receipts (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number	Payroll	Number	Man-hours	Wages					
		(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					
2711-- NEWSPAPERS											
ESTABLISHMENTS, TOTAL. . . . .	8 094	335.9	2 223.7	169.2	302.0	1 121.5	4 184.7	1 573.6	5 757.1	246.7	162.5
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>1</sup> . . . . .	3 685	6.4	27.1	6.3	8.1	17.9	70.8	31.6	102.4	9.5	3.1
5 TO 9 EMPLOYEES <sup>1</sup> . . . . .	1 386	9.3	41.0	6.2	11.0	24.7	79.4	34.1	113.5	6.0	3.1
10 TO 19 EMPLOYEES <sup>1</sup> . . . . .	994	13.6	64.8	7.9	15.2	35.9	114.8	38.9	153.6	7.1	4.0
20 TO 49 EMPLOYEES <sup>1</sup> . . . . .	1 010	30.7	151.4	16.5	30.3	76.8	267.6	75.7	343.2	15.9	9.8
50 TO 99 EMPLOYEES <sup>1</sup> . . . . .	443	30.6	165.9	15.0	27.2	81.8	301.0	69.2	369.7	20.6	10.9
100 TO 249 EMPLOYEES <sup>1</sup> . . . . .	337	51.7	319.3	24.5	44.6	155.0	594.3	143.5	737.4	42.5	21.7
250 TO 499 EMPLOYEES <sup>1</sup> . . . . .	131	46.8	310.8	22.5	40.3	156.3	614.2	180.5	794.6	26.2	18.5
500 TO 999 EMPLOYEES <sup>1</sup> . . . . .	53	40.0	285.2	17.3	31.5	131.4	566.8	218.6	785.2	32.0	20.6
1,000 TO 2,499 EMPLOYEES <sup>1</sup> . . . . .	46	70.3	552.4	34.4	63.0	286.4	1 064.7	493.2	1 558.0	68.2	46.6
2,500 EMPLOYEES OR MORE <sup>1</sup> . . . . .	9	36.4	305.8	18.6	31.0	155.3	511.2	288.4	799.5	18.7	24.1
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> .	4 600	13.4	55.7	11.2	16.7	36.4	125.8	56.3	182.1	8.6	5.3
2711-11 DAILY											
ESTABLISHMENTS, TOTAL. . . . .	1 554	270.9	1 903.2	130.2	235.0	950.3	3 564.2	1 338.5	4 901.8	210.6	138.1
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>1</sup> . . . . .	9	(2)	.1	(2)	(2)	.1	.2	.1	.3	(2)	(2)
5 TO 9 EMPLOYEES <sup>1</sup> . . . . .	29	.2	.9	.1	.1	.3	2.4	.7	3.1	.1	(2)
10 TO 19 EMPLOYEES <sup>1</sup> . . . . .	151	2.1	10.2	1.2	2.2	5.7	19.4	4.1	23.4	.9	.6
20 TO 49 EMPLOYEES <sup>1</sup> . . . . .	503	16.0	83.9	8.4	16.0	43.0	151.4	32.8	184.2	9.6	5.8
50 TO 99 EMPLOYEES <sup>1</sup> . . . . .	351	24.4	137.1	11.9	21.9	67.2	255.5	50.4	305.5	18.0	9.3
100 TO 249 EMPLOYEES <sup>1</sup> . . . . .	288	44.6	279.9	21.0	38.5	137.7	534.2	120.2	654.2	39.1	19.4
250 TO 499 EMPLOYEES <sup>1</sup> . . . . .	121	81.1	558.5	37.1	66.7	271.1	1 119.1	374.5	1 493.5	124.2	36.6
500 TO 999 EMPLOYEES <sup>1</sup> . . . . .	50	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1,000 TO 2,499 EMPLOYEES <sup>1</sup> . . . . .	43	66.0	526.8	32.1	58.6	270.0	970.9	467.2	1 438.2	(0)	42.2
2,500 EMPLOYEES OR MORE <sup>1</sup> . . . . .	9	36.4	305.8	18.6	31.0	155.3	511.2	288.4	799.5	18.7	24.1
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2711-13 WEEKLY AND OTHERS											
ESTABLISHMENTS, TOTAL. . . . .	6 540	65.0	320.5	39.0	67.0	171.2	620.5	235.1	855.3	36.1	24.3
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>1</sup> . . . . .	3 676	6.4	27.0	6.3	8.0	17.9	70.6	31.5	102.1	9.5	3.1
5 TO 9 EMPLOYEES <sup>1</sup> . . . . .	1 357	9.1	40.1	6.1	10.9	24.3	77.0	33.4	110.4	5.9	3.1
10 TO 19 EMPLOYEES <sup>1</sup> . . . . .	843	11.5	54.6	6.8	12.9	30.2	95.4	34.9	130.2	6.2	3.4
20 TO 49 EMPLOYEES <sup>1</sup> . . . . .	507	14.7	67.5	8.1	14.3	33.8	116.2	42.8	159.0	6.3	4.0
50 TO 99 EMPLOYEES <sup>1</sup> . . . . .	92	6.2	28.8	3.2	5.3	14.6	45.5	18.8	64.2	2.6	1.6
100 TO 249 EMPLOYEES <sup>1</sup> . . . . .	49	7.1	39.5	3.4	6.1	17.3	60.1	23.3	83.2	3.5	2.3
250 TO 499 EMPLOYEES <sup>1</sup> . . . . .	10	5.7	37.4	2.8	5.2	16.5	61.9	24.5	86.4	2.2	2.5
500 TO 999 EMPLOYEES <sup>1</sup> . . . . .	3	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1,000 TO 2,499 EMPLOYEES <sup>1</sup> . . . . .	3	4.3	25.6	2.3	4.4	16.4	93.8	26.0	119.8	(0)	4.4
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> .	4 598	13.4	55.7	11.2	16.7	36.4	125.7	56.2	182.0	8.6	5.3
2721-- PERIODICALS											
ESTABLISHMENTS, TOTAL. . . . .	2 510	79.1	633.7	14.5	25.2	80.5	1 868.7	1 234.1	3 095.9	58.0	164.9
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>1</sup> . . . . .	1 474	2.3	16.9	1.1	.3	1.5	57.6	39.0	96.7	10.2	3.6
5 TO 9 EMPLOYEES <sup>1</sup> . . . . .	299	2.0	16.3	.3	.7	2.0	44.9	30.0	74.8	(0)	1.9
10 TO 19 EMPLOYEES <sup>1</sup> . . . . .	283	3.8	28.6	.7	1.4	3.5	82.6	39.2	121.7	.9	2.2
20 TO 49 EMPLOYEES <sup>1</sup> . . . . .	253	7.8	58.6	1.7	2.9	9.1	147.3	86.0	233.3	2.1	8.3
50 TO 99 EMPLOYEES <sup>1</sup> . . . . .	78	5.3	39.6	1.4	2.3	6.4	99.2	54.2	153.6	1.6	4.1
100 TO 249 EMPLOYEES <sup>1</sup> . . . . .	73	11.3	89.8	2.4	4.4	15.0	263.7	126.9	389.7	5.8	16.4
250 TO 499 EMPLOYEES <sup>1</sup> . . . . .	26	9.5	78.6	1.1	2.1	7.2	224.2	159.6	384.2	8.0	30.2
500 TO 999 EMPLOYEES <sup>1</sup> . . . . .	9	6.4	49.6	1.4	2.7	8.6	207.1	127.7	336.3	6.6	12.5
1,000 TO 2,499 EMPLOYEES <sup>1</sup> . . . . .	12	19.6	151.5	4.2	8.3	26.8	457.4	326.0	775.5	15.7	80.0
2,500 EMPLOYEES OR MORE <sup>1</sup> . . . . .	3	11.2	104.3	.2	.2	.4	284.7	245.4	530.1	7.0	5.7
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> .	1 384	2.3	16.3	1.1	.4	1.6	55.2	35.9	91.1	.2	3.8
2721-11 PUBLISHING ONLY											
ESTABLISHMENTS, TOTAL. . . . .	2 186	61.7	510.3	7.3	12.1	34.1	1 594.6	1 131.5	2 718.5	46.8	135.0
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>1</sup> . . . . .	1 316	2.0	15.4	.9	.1	.8	55.2	37.9	93.1	10.1	3.4
5 TO 9 EMPLOYEES <sup>1</sup> . . . . .	258	1.7	14.7	.2	.4	1.3	41.8	29.0	70.7	(0)	1.7
10 TO 19 EMPLOYEES <sup>1</sup> . . . . .	251	3.3	26.1	.5	1.0	2.4	77.7	37.8	115.4	.8	2.0
20 TO 49 EMPLOYEES <sup>1</sup> . . . . .	206	6.3	49.3	.9	1.5	4.7	127.7	80.2	207.9	1.3	7.2
50 TO 99 EMPLOYEES <sup>1</sup> . . . . .	62	4.2	33.2	.9	1.3	3.6	86.0	50.5	136.6	1.3	3.4
100 TO 249 EMPLOYEES <sup>1</sup> . . . . .	58	9.0	72.7	1.3	2.3	7.1	226.0	111.0	336.1	5.0	14.6
250 TO 499 EMPLOYEES <sup>1</sup> . . . . .	18	6.6	59.7	.4	.7	2.4	181.4	129.9	312.1	3.4	22.0
500 TO 999 EMPLOYEES <sup>1</sup> . . . . .	6	4.3	36.4	.4	.8	2.6	183.0	119.0	301.6	5.8	9.1
1,000 TO 2,499 EMPLOYEES <sup>1</sup> . . . . .	8	13.1	98.6	1.7	3.6	9.0	331.2	290.7	614.8	12.1	66.0
2,500 EMPLOYEES OR MORE <sup>1</sup> . . . . .	3	11.2	104.3	.2	.2	.4	284.7	245.4	530.1	7.0	5.7
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> .	1 209	1.9	14.1	.8	(2)	.7	51.6	34.2	85.8	.2	3.4

See footnotes at end of table.



TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of receipts (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					
2721-13 PUBLISHING AND PRINTING											
ESTABLISHMENTS, TOTAL . . . . .	324	17.4	123.4	7.2	13.1	46.4	274.1	102.6	377.4	11.2	29.9
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	158	.3	1.5	.2	.2	.7	2.4	1.1	3.5	.1	.2
5 TO 9 EMPLOYEES . . . . .	41	.3	1.6	.1	.2	.7	3.0	1.0	4.0	(D)	.2
10 TO 19 EMPLOYEES . . . . .	32	.4	2.5	.2	.4	1.1	4.9	1.3	6.2	.1	.2
20 TO 49 EMPLOYEES . . . . .	47	1.5	9.3	.8	1.4	4.5	19.6	5.8	25.4	.8	1.1
50 TO 99 EMPLOYEES . . . . .	16	1.1	6.4	.6	.9	2.8	13.3	3.7	17.0	.3	.7
100 TO 249 EMPLOYEES . . . . .	15	2.3	17.1	1.1	2.1	7.9	37.7	15.9	53.6	.8	1.8
250 TO 499 EMPLOYEES . . . . .	8	3.0	18.9	.7	1.3	4.9	42.9	29.7	72.1	4.6	8.3
500 TO 999 EMPLOYEES . . . . .	3	2.0	13.2	.9	1.9	6.0	24.1	8.8	34.7	.9	3.4
1,000 TO 2,499 EMPLOYEES . . . . .	4	6.6	52.9	2.5	4.7	17.9	126.2	35.3	160.7	3.6	14.0
ESTABS. COVERED BY ADMIN.RECORDS <sup>1</sup> e	175	.4	2.2	.3	.3	1.0	3.7	1.7	5.4	(Z)	.4
2731-- BOOK PUBLISHING											
ESTABLISHMENTS, TOTAL . . . . .	1 022	52.0	389.9	13.3	24.8	76.6	1 456.6	762.8	2 134.8	55.1	582.5
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	496	.7	4.2	.4	.2	.6	19.0	13.6	32.3	.1	7.0
5 TO 9 EMPLOYEES . . . . .	135	.9	6.1	.2	.4	1.0	22.4	17.4	39.8	.2	8.7
10 TO 19 EMPLOYEES . . . . .	104	1.4	10.5	.4	.8	2.2	34.9	26.0	60.6	1.2	12.6
20 TO 49 EMPLOYEES . . . . .	116	3.4	24.3	.9	1.6	4.9	69.3	56.7	124.4	1.4	27.5
50 TO 99 EMPLOYEES . . . . .	63	4.5	32.9	1.2	2.4	7.6	122.5	84.9	198.0	3.6	63.2
100 TO 249 EMPLOYEES . . . . .	62	9.8	67.8	2.3	4.3	11.2	283.6	158.8	419.1	7.8	108.5
250 TO 499 EMPLOYEES . . . . .	27	9.6	69.1	2.8	5.7	17.5	255.3	150.2	396.9	6.0	102.5
500 TO 999 EMPLOYEES . . . . .	10	6.8	59.2	1.4	2.6	8.9	213.9	76.1	275.3	21.2	83.4
1,000 TO 2,499 EMPLOYEES . . . . .	8	14.7	116.1	3.6	6.7	22.7	435.6	179.2	588.2	13.7	169.1
2,500 EMPLOYEES OR MORE . . . . .	1	(D)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
ESTABS. COVERED BY ADMIN.RECORDS <sup>1</sup> e	493	1.0	5.3	.4	.3	.8	21.0	15.2	36.2	.1	8.3
2731-11 PUBLISHING ONLY											
ESTABLISHMENTS, TOTAL . . . . .	852	39.6	303.3	5.9	10.9	32.5	1 259.9	668.4	1 848.1	45.4	513.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	419	.6	3.6	.3	.1	.3	17.5	12.9	30.1	1.5	6.7
5 TO 9 EMPLOYEES . . . . .	114	.7	5.3	.1	.2	.6	21.0	16.5	37.6	(D)	8.4
10 TO 19 EMPLOYEES . . . . .	91	1.2	9.6	.3	.5	1.6	32.8	25.1	57.5	(D)	12.1
20 TO 49 EMPLOYEES . . . . .	92	2.7	19.6	.5	.9	2.6	60.5	50.6	109.4	1.0	26.1
50 TO 99 EMPLOYEES . . . . .	51	3.7	27.4	.8	1.4	4.4	109.5	75.2	175.8	3.2	59.1
100 TO 249 EMPLOYEES . . . . .	51	8.0	58.0	1.2	2.2	5.6	264.7	145.3	386.2	5.5	101.1
250 TO 499 EMPLOYEES . . . . .	20	7.3	54.1	1.5	3.1	9.7	224.5	133.7	350.4	4.3	85.2
500 TO 999 EMPLOYEES . . . . .	7	15.3	125.9	1.3	2.3	7.7	529.5	209.3	700.9	29.8	214.3
1,000 TO 2,499 EMPLOYEES . . . . .	6	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
2,500 EMPLOYEES OR MORE . . . . .	1	(D)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
ESTABS. COVERED BY ADMIN.RECORDS <sup>1</sup> e	411	.8	4.5	.3	.1	.3	19.5	14.3	33.8	.1	7.8
2731-13 PUBLISHING AND PRINTING											
ESTABLISHMENTS, TOTAL . . . . .	170	12.3	86.6	7.3	13.9	44.1	196.7	94.4	286.7	9.7	69.5
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	77	.1	.6	.1	.1	.4	1.5	.6	2.2	(Z)	.4
5 TO 9 EMPLOYEES . . . . .	21	.1	.8	.1	.2	.5	1.3	.9	2.2	(D)	.4
10 TO 19 EMPLOYEES . . . . .	13	.2	.9	.1	.3	.6	2.1	1.0	3.1	(D)	.5
20 TO 49 EMPLOYEES . . . . .	24	.7	4.7	.4	.7	2.3	8.9	6.1	14.9	.3	1.5
50 TO 99 EMPLOYEES . . . . .	12	.8	5.5	.5	.9	3.2	13.0	9.8	22.2	.3	4.1
100 TO 249 EMPLOYEES . . . . .	11	1.8	9.8	1.2	2.2	5.6	19.0	13.5	32.9	2.3	7.3
250 TO 499 EMPLOYEES . . . . .	7	2.4	15.0	1.3	2.6	7.8	30.8	16.5	46.5	1.7	17.3
500 TO 999 EMPLOYEES . . . . .	3	6.2	49.4	3.6	7.0	23.9	120.1	46.0	162.7	5.1	38.2
1,000 TO 2,499 EMPLOYEES . . . . .	2	(D)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
ESTABS. COVERED BY ADMIN.RECORDS <sup>1</sup> e	82	.1	.8	.1	.2	.5	1.5	.9	2.4	(Z)	.5
2732-- BOOK PRINTING											
ESTABLISHMENTS, TOTAL . . . . .	744	44.7	297.9	36.7	73.4	227.9	510.9	273.0	787.4	45.9	68.4
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	159	.3	1.6	.3	.4	1.2	4.9	2.5	7.4	1.5	.4
5 TO 9 EMPLOYEES . . . . .	97	.7	5.0	.6	1.1	3.8	11.1	5.8	16.8	(D)	.8
10 TO 19 EMPLOYEES . . . . .	172	2.4	17.1	1.9	3.9	12.3	31.6	17.7	49.0	1.4	2.4
20 TO 49 EMPLOYEES . . . . .	164	5.1	36.6	4.0	7.8	26.1	62.2	34.1	96.1	2.6	5.1
50 TO 99 EMPLOYEES . . . . .	76	4.9	35.6	4.1	8.0	26.5	61.1	35.9	96.8	5.6	6.4
100 TO 249 EMPLOYEES . . . . .	39	5.9	41.7	4.9	9.8	32.6	68.3	37.0	105.1	4.3	8.6
250 TO 499 EMPLOYEES . . . . .	21	7.3	46.5	6.0	12.0	36.1	76.5	48.7	125.8	13.0	14.0
500 TO 999 EMPLOYEES . . . . .	8	5.9	37.6	5.1	10.4	30.5	63.4	31.0	93.9	5.8	8.1
1,000 TO 2,499 EMPLOYEES . . . . .	7	12.3	76.3	10.0	19.9	58.9	131.7	60.3	196.4	11.8	22.7
2,500 EMPLOYEES OR MORE . . . . .	1	(D)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
ESTABS. COVERED BY ADMIN.RECORDS <sup>1</sup> e	151	.3	1.8	.3	.5	1.4	4.2	2.5	6.7	(Z)	.4

See footnotes at end of table.

TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

(See Appendix, Explanation of Terms)											
Item	Establishments	All employees		Production workers			Value added by manufacture	Cost of materials	Value of receipts	Capital expenditures, new	End-of-year inventories
		Number	Payroll	Number	Man-hours	Wages					
		(number)	(million dollars)	(1,000)	(millions)	(million dollars)					
(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	
2741-- MISCELLANEOUS PUBLISHING											
ESTABLISHMENTS: TOTAL . . . . .	1 493	31.1	197.4	15.0	25.6	79.7	417.5	184.5	605.3	10.0	41.1
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	969	1.4	7.7	1.0	.7	2.7	19.2	13.3	32.4	.3	2.1
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	187	1.2	7.4	.5	.8	2.5	15.9	10.0	26.0	.4	1.5
10 TO 19 EMPLOYEES <sup>e</sup> . . . . .	133	1.8	11.4	.8	1.4	4.1	25.9	15.2	41.4	.8	1.9
20 TO 49 EMPLOYEES <sup>e</sup> . . . . .	112	3.5	19.8	1.9	3.0	9.1	35.0	18.2	53.0	1.3	2.3
50 TO 99 EMPLOYEES <sup>e</sup> . . . . .	41	3.0	18.7	1.3	2.3	7.7	42.0	17.0	58.6	.9	3.5
100 TO 249 EMPLOYEES <sup>e</sup> . . . . .	26	3.9	24.7	2.5	4.6	14.4	58.0	22.8	80.1	.8	6.4
250 TO 499 EMPLOYEES <sup>e</sup> . . . . .	15	4.8	30.1	2.7	4.7	14.3	67.9	29.4	94.3	1.2	8.4
500 TO 999 EMPLOYEES <sup>e</sup> . . . . .	5	3.5	23.1	1.4	2.7	7.4	47.7	32.1	78.4	.5	8.7
1,000 TO 2,499 EMPLOYEES <sup>e</sup> . . . . .	5	7.9	54.7	2.8	5.4	17.6	105.9	26.5	141.0	3.6	6.2
ESTAB5. COVERED BY ADMIN. RECORDS <sup>1e</sup>	966	1.8	9.2	1.2	.9	3.4	18.4	14.4	32.7	.4	2.2
2751-- COMM. PRINTING, EXCEPT LITHO.											
ESTABLISHMENTS: TOTAL . . . . .	12 098	175.1	1 186.0	142.3	273.3	880.1	1 947.9	1 322.9	3 255.5	142.9	275.6
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	7 403	11.9	59.5	11.7	18.8	45.4	145.1	103.7	248.6	21.0	21.6
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	1 928	12.9	73.8	11.7	20.7	54.8	128.8	87.4	215.8	6.5	14.8
10 TO 19 EMPLOYEES <sup>e</sup> . . . . .	1 328	18.1	112.0	14.2	27.9	80.3	184.1	114.9	298.3	8.2	17.9
20 TO 49 EMPLOYEES <sup>e</sup> . . . . .	871	26.2	166.1	20.4	40.2	115.9	278.6	183.7	459.8	14.6	33.3
50 TO 99 EMPLOYEES <sup>e</sup> . . . . .	327	22.4	148.5	17.8	35.0	107.0	238.4	166.6	404.0	12.4	36.0
100 TO 249 EMPLOYEES <sup>e</sup> . . . . .	164	24.7	167.8	19.5	38.5	120.5	292.9	220.5	509.9	20.9	52.2
250 TO 499 EMPLOYEES <sup>e</sup> . . . . .	37	13.0	97.8	10.3	20.6	74.1	155.7	121.0	275.6	14.5	24.3
500 TO 999 EMPLOYEES <sup>e</sup> . . . . .	27	18.5	142.5	14.2	26.9	103.2	217.1	136.2	351.2	18.3	29.0
1,000 TO 2,499 EMPLOYEES <sup>e</sup> . . . . .	10	13.1	98.4	10.5	20.0	79.3	123.1	80.6	200.9	13.2	20.6
2,500 EMPLOYEES OR MORE . . . . .	3	14.3	119.7	12.0	24.5	99.6	183.9	108.2	291.2	13.2	25.9
ESTAB5. COVERED BY ADMIN. RECORDS <sup>1e</sup>	7 916	17.7	86.3	17.7	28.2	65.7	188.0	134.6	322.6	7.8	29.0
2751-15 GRAVURE PRINTING											
ESTABLISHMENTS: TOTAL . . . . .	97	18.0	154.9	14.9	29.2	122.9	248.0	204.5	451.5	22.6	41.0
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	1	(2)	.3	(2)	.1	.2	.5	.5	1.0	(2)	(2)
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
10 TO 19 EMPLOYEES <sup>e</sup> . . . . .	14	.2	2.0	.1	.3	1.4	3.5	2.0	5.7	.1	.5
20 TO 49 EMPLOYEES <sup>e</sup> . . . . .	24	.8	6.1	.6	1.2	4.4	11.9	8.0	19.7	.6	1.4
50 TO 99 EMPLOYEES <sup>e</sup> . . . . .	14	.9	7.1	.7	1.5	5.3	12.1	9.3	21.3	.6	2.2
100 TO 249 EMPLOYEES <sup>e</sup> . . . . .	18	3.0	22.8	2.5	5.0	17.5	45.2	37.6	83.0	3.3	8.2
250 TO 499 EMPLOYEES <sup>e</sup> . . . . .	9	3.1	27.7	2.5	5.0	21.3	50.5	45.3	95.7	7.1	8.8
500 TO 999 EMPLOYEES <sup>e</sup> . . . . .	7	5.2	47.3	4.0	7.7	34.7	67.8	59.4	127.1	4.3	9.2
1,000 TO 2,499 EMPLOYEES <sup>e</sup> . . . . .	4	4.7	41.5	4.4	8.5	37.9	56.5	42.4	98.1	6.5	10.7
2751-17 LETTERPRESS AND SCREEN PRINTING											
ESTABLISHMENTS: TOTAL . . . . .	12 001	157.1	1 031.1	127.5	243.9	757.2	1 699.9	1 118.3	2 804.0	120.4	234.6
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	7 402	24.7	132.9	23.4	39.4	99.9	273.4	190.5	463.3	21.0	36.3
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	1 922	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
10 TO 19 EMPLOYEES <sup>e</sup> . . . . .	1 314	17.9	110.0	14.1	27.6	78.9	180.6	112.9	292.7	8.0	17.4
20 TO 49 EMPLOYEES <sup>e</sup> . . . . .	847	25.4	160.1	19.8	39.0	111.5	266.7	175.7	440.1	14.0	31.9
50 TO 99 EMPLOYEES <sup>e</sup> . . . . .	313	21.5	141.4	17.1	33.4	101.7	226.3	157.4	382.7	11.8	33.8
100 TO 249 EMPLOYEES <sup>e</sup> . . . . .	146	21.7	145.0	17.0	33.5	103.0	247.8	182.9	427.0	17.6	44.0
250 TO 499 EMPLOYEES <sup>e</sup> . . . . .	28	9.9	70.1	7.9	15.6	52.8	105.2	75.7	179.9	7.5	15.5
500 TO 999 EMPLOYEES <sup>e</sup> . . . . .	20	13.3	95.2	10.2	19.2	68.4	149.3	76.8	224.1	14.0	19.8
1,000 TO 2,499 EMPLOYEES <sup>e</sup> . . . . .	6	8.4	56.8	6.1	11.5	41.4	66.6	38.2	102.9	6.7	9.9
2,500 EMPLOYEES OR MORE . . . . .	3	14.3	119.7	12.0	24.5	99.6	183.9	108.2	291.2	13.2	25.9
ESTAB5. COVERED BY ADMIN. RECORDS <sup>1e</sup>	7 916	17.7	86.3	17.7	28.2	65.7	188.0	134.6	322.6	7.8	29.0
2752-- COMMERCIAL PRINTING, LITHOGRAPHIC											
ESTABLISHMENTS: TOTAL . . . . .	6 822	146.5	1 113.2	112.2	223.3	766.5	1 897.7	1 242.4	3 139.4	125.6	209.9
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	3 072	5.1	32.9	5.0	9.2	23.1	83.7	53.6	137.2	3.7	5.3
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	980	6.5	45.2	5.5	10.6	32.0	81.4	49.7	130.8	4.9	5.0
10 TO 19 EMPLOYEES <sup>e</sup> . . . . .	1 122	15.5	112.2	11.6	23.5	77.4	189.9	115.1	304.1	11.3	12.6
20 TO 49 EMPLOYEES <sup>e</sup> . . . . .	1 007	30.7	232.4	23.4	46.5	160.4	379.1	238.4	616.1	26.5	30.6
50 TO 99 EMPLOYEES <sup>e</sup> . . . . .	369	24.8	196.3	19.0	37.9	134.5	320.4	215.6	536.2	23.1	32.4
100 TO 249 EMPLOYEES <sup>e</sup> . . . . .	199	30.4	237.3	23.4	47.2	165.6	420.3	307.2	728.1	26.3	57.9
250 TO 499 EMPLOYEES <sup>e</sup> . . . . .	58	19.8	153.4	15.1	30.7	110.0	255.5	156.4	412.9	17.5	37.6
500 TO 999 EMPLOYEES <sup>e</sup> . . . . .	11	6.9	57.6	5.2	10.0	38.6	92.0	71.8	164.0	10.6	17.2
1,000 TO 2,499 EMPLOYEES <sup>e</sup> . . . . .	3	6.8	45.9	4.0	7.7	25.0	75.5	34.5	110.0	1.7	11.3
2,500 EMPLOYEES OR MORE . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTAB5. COVERED BY ADMIN. RECORDS <sup>1e</sup>	3 170	6.6	40.3	6.5	11.7	28.2	94.7	59.7	154.4	4.4	6.3

See footnotes at end of table.



TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					
2753-- ENGRAVING AND PLATE PRINTING											
ESTABLISHMENTS, TOTAL. . . . .	577	9.0	58.7	7.3	14.6	42.7	98.8	39.7	137.9	3.8	10.0
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	229	.4	2.3	.4	.6	1.7	5.9	2.5	8.4	.1	.3
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	115	.8	4.9	.7	1.3	3.7	9.6	3.9	13.6	.4	.5
10 TO 19 EMPLOYEES. . . . .	104	1.4	9.4	1.1	2.2	6.7	15.1	5.9	20.9	.5	.8
20 TO 49 EMPLOYEES. . . . .	97	2.9	19.2	2.2	4.5	13.4	29.7	11.5	41.2	1.4	1.7
50 TO 99 EMPLOYEES. . . . .	23	1.5	8.7	1.2	2.5	6.6	13.3	8.0	21.3	.4	1.2
100 TO 249 EMPLOYEES. . . . .	7	2.1	14.2	1.7	3.5	10.5	25.2	7.9	22.5	1.1	5.3
250 TO 499 EMPLOYEES. . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
500 TO 999 EMPLOYEES. . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	247	.6	3.5	.6	1.0	2.7	7.5	3.1	10.6	.2	.4
2761-- MANIFOLD BUSINESS FORMS											
ESTABLISHMENTS, TOTAL. . . . .	542	34.4	240.2	25.3	51.4	158.9	550.5	384.6	932.3	39.8	98.4
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	95	.2	1.0	.2	.3	.7	2.5	1.9	4.4	2.4	.4
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	52	.4	2.4	.3	.5	1.7	4.6	3.8	8.3	.4	.6
10 TO 19 EMPLOYEES. . . . .	100	1.5	9.5	1.1	2.2	6.4	17.5	12.7	30.1	2.5	2.0
20 TO 49 EMPLOYEES. . . . .	139	4.4	29.6	3.3	6.7	19.8	51.1	43.7	94.5	4.4	8.0
50 TO 99 EMPLOYEES. . . . .	57	3.8	25.8	2.8	5.8	16.6	58.2	47.0	103.5	7.4	12.8
100 TO 249 EMPLOYEES. . . . .	71	11.3	75.7	8.4	17.4	50.2	199.8	138.7	338.1	13.2	34.0
250 TO 499 EMPLOYEES. . . . .	20	7.0	49.7	5.0	10.0	33.4	115.7	79.8	195.9	4.9	21.8
500 TO 999 EMPLOYEES. . . . .	7	6.0	46.5	4.2	8.5	30.3	101.2	57.0	157.5	4.7	18.9
1,000 TO 2,499 EMPLOYEES. . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	97	.2	1.3	.2	.3	.9	3.0	2.3	5.3	.2	.5
2771-- GREETING CARD PUBLISHING											
ESTABLISHMENTS, TOTAL. . . . .	222	27.6	150.6	16.4	31.3	75.0	372.3	171.9	517.9	14.9	147.8
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	77	.1	.7	.1	.2	.4	1.8	1.2	3.0	(2)	.4
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	23	.1	.8	.1	.2	.4	1.3	1.6	3.1	(2)	.3
10 TO 19 EMPLOYEES. . . . .	30	.4	2.7	.3	.6	1.6	5.4	4.5	9.9	.2	.7
20 TO 49 EMPLOYEES. . . . .	37	1.2	6.5	.9	1.6	3.9	14.1	9.7	23.7	1.4	2.6
50 TO 99 EMPLOYEES. . . . .	16	1.0	6.0	.8	1.6	4.4	14.0	7.8	21.8	1.5	1.3
100 TO 249 EMPLOYEES. . . . .	20	2.9	16.9	2.4	4.6	12.2	33.2	16.3	49.0	2.7	6.2
250 TO 499 EMPLOYEES. . . . .	9	3.1	13.4	2.2	4.0	7.8	31.1	27.0	55.9	.8	9.1
500 TO 999 EMPLOYEES. . . . .	4	2.8	13.7	1.9	3.7	8.1	34.7	6.8	39.8	2.1	10.9
1,000 TO 2,499 EMPLOYEES. . . . .	4	16.0	90.0	7.6	14.8	36.2	236.8	96.9	311.7	6.1	116.3
2,500 EMPLOYEES OR MORE. . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	87	.2	1.0	.2	.3	.5	2.5	1.7	4.2	.1	.6
2782-- BLANKBOOKS AND LOOSELEAF BINDERS											
ESTABLISHMENTS, TOTAL. . . . .	444	23.2	130.3	19.4	38.4	94.5	245.4	138.0	381.3	11.6	52.7
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	135	.2	1.2	.2	.4	.9	2.8	2.2	5.0	(2)	.5
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	52	.3	2.0	.3	.6	1.4	3.3	2.5	5.8	.1	.5
10 TO 19 EMPLOYEES. . . . .	64	.9	5.3	.7	1.4	3.6	10.9	6.0	16.9	.5	1.0
20 TO 49 EMPLOYEES. . . . .	85	2.7	14.1	2.3	4.2	10.0	21.9	18.0	39.7	1.5	4.3
50 TO 99 EMPLOYEES. . . . .	42	3.1	16.5	2.5	5.0	11.7	30.4	21.0	51.1	1.9	4.9
100 TO 249 EMPLOYEES. . . . .	47	7.0	37.1	5.8	11.7	26.9	73.4	38.7	111.5	3.2	11.5
250 TO 499 EMPLOYEES. . . . .	14	4.6	29.1	3.9	8.1	21.2	54.0	22.1	76.1	2.1	9.8
500 TO 999 EMPLOYEES. . . . .	3	4.5	25.0	3.6	7.1	19.0	48.7	27.5	75.2	2.2	20.3
1,000 TO 2,499 EMPLOYEES. . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2,500 EMPLOYEES OR MORE. . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	155	.4	1.9	.4	.6	1.4	4.0	2.6	6.7	.1	.7
2789-- BOOKBINDING AND RELATED WORK											
ESTABLISHMENTS, TOTAL. . . . .	1 018	30.3	163.9	27.2	50.3	131.0	260.6	80.2	340.6	13.5	21.0
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	351	.6	2.9	.6	1.0	2.3	7.2	2.0	9.2	.1	.3
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	179	1.2	6.6	1.1	2.1	5.4	11.8	3.2	14.9	.5	.4
10 TO 19 EMPLOYEES. . . . .	154	2.2	11.9	1.9	3.6	9.4	19.9	3.6	23.5	1.2	.6
20 TO 49 EMPLOYEES. . . . .	176	5.6	30.2	5.1	9.3	24.3	47.3	10.8	57.9	2.6	1.9
50 TO 99 EMPLOYEES. . . . .	92	6.2	33.1	5.6	10.5	26.0	52.3	12.9	65.0	2.6	2.4
100 TO 249 EMPLOYEES. . . . .	47	14.4	79.2	12.9	23.8	63.6	122.0	47.7	170.0	6.3	15.4
250 TO 499 EMPLOYEES. . . . .	16	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
500 TO 999 EMPLOYEES. . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1,000 TO 2,499 EMPLOYEES. . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2,500 EMPLOYEES OR MORE. . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	425	1.1	5.5	1.1	1.9	4.4	11.6	3.2	14.8	.3	.4

See footnotes at end of table.

TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)											
Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					
2791-- TYPESETTING											
ESTABLISHMENTS: TOTAL. . . . .	1 535	25.5	208.3	20.9	40.2	164.1	304.3	52.7	356.7	13.2	14.3
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	727	1.1	8.6	1.1	1.8	7.0	18.6	4.7	23.3	1.6	.8
5 TO 9 EMPLOYEES. . . . .	193	1.3	10.8	1.1	2.2	9.0	16.7	2.9	19.6	.8	.5
10 TO 19 EMPLOYEES. . . . .	250	3.4	26.7	2.7	5.2	21.1	39.6	6.8	46.3	1.5	1.5
20 TO 49 EMPLOYEES. . . . .	241	7.5	60.5	6.1	11.4	47.8	88.1	14.5	102.5	3.4	3.7
50 TO 99 EMPLOYEES. . . . .	88	6.1	49.4	4.9	9.7	38.8	70.0	9.8	79.7	2.9	3.3
100 TO 249 EMPLOYEES. . . . .	31	4.3	39.1	3.5	7.1	29.3	53.3	11.6	64.9	2.5	3.1
250 TO 499 EMPLOYEES. . . . .	5	1.7	13.2	1.5	2.8	11.1	18.0	2.5	20.5	.6	1.4
500 TO 999 EMPLOYEES. . . . .	-	-	-	-	-	-	-	-	-	-	-
1,000 TO 2,499 EMPLOYEES. . . . .	-	-	-	-	-	-	-	-	-	-	-
2,500 EMPLOYEES OR MORE. . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	678	1.1	8.0	1.1	1.7	6.4	16.4	3.6	20.0	1.5	.8
2793-- PHOTOENGRAVING											
ESTABLISHMENTS: TOTAL. . . . .	735	13.2	126.2	9.4	17.5	89.8	191.7	43.7	234.3	6.3	8.5
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	257	.4	3.8	.4	.6	2.8	8.9	2.3	11.1	.2	.3
5 TO 9 EMPLOYEES. . . . .	127	.9	7.0	.6	1.2	5.3	11.9	2.8	14.6	.5	.4
10 TO 19 EMPLOYEES. . . . .	158	2.2	17.6	1.5	2.8	12.7	27.1	5.8	32.9	.7	1.0
20 TO 49 EMPLOYEES. . . . .	127	3.9	35.5	2.7	5.0	24.6	51.0	11.6	62.5	2.1	1.9
50 TO 99 EMPLOYEES. . . . .	49	3.3	32.9	2.4	4.4	23.4	45.2	10.4	55.6	1.4	1.8
100 TO 249 EMPLOYEES. . . . .	16	2.6	29.3	1.8	3.5	21.1	47.5	10.9	57.5	1.5	3.0
250 TO 499 EMPLOYEES. . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
500 TO 999 EMPLOYEES. . . . .	-	-	-	-	-	-	-	-	-	-	-
1,000 TO 2,499 EMPLOYEES. . . . .	-	-	-	-	-	-	-	-	-	-	-
2,500 EMPLOYEES OR MORE. . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	243	.4	3.5	.4	.6	2.6	7.7	1.9	9.6	.1	.3
2794-- ELECTROTYPING AND STEREOTYPING											
ESTABLISHMENTS: TOTAL. . . . .	133	3.6	31.3	2.6	5.0	22.5	47.7	14.3	62.1	.7	2.2
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	32	.1	.4	.1	.1	.3	.8	.2	1.0	(Z)	(Z)
5 TO 9 EMPLOYEES. . . . .	20	.1	1.2	.1	.2	.8	1.9	.6	2.5	(D)	.1
10 TO 19 EMPLOYEES. . . . .	24	.3	2.6	.2	.4	1.6	4.2	1.4	5.6	(Z)	.2
20 TO 49 EMPLOYEES. . . . .	38	1.2	10.2	.8	1.6	6.6	14.8	4.9	19.7	.3	.7
50 TO 99 EMPLOYEES. . . . .	13	.9	8.2	.7	1.3	6.2	12.4	2.9	15.3	(Z)	.4
100 TO 249 EMPLOYEES. . . . .	6	.9	8.8	.7	1.5	7.0	13.7	4.3	18.1	.4	.8
250 TO 499 EMPLOYEES. . . . .	-	-	-	-	-	-	-	-	-	-	-
500 TO 999 EMPLOYEES. . . . .	-	-	-	-	-	-	-	-	-	-	-
1,000 TO 2,499 EMPLOYEES. . . . .	-	-	-	-	-	-	-	-	-	-	-
2,500 EMPLOYEES OR MORE. . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	28	(Z)	.3	(Z)	.1	.2	.7	.2	.9	-	(Z)
2812-- ALKALIES AND CHLORINE											
ESTABLISHMENTS: TOTAL. . . . .	44	19.2	155.7	12.8	25.5	94.4	419.2	302.0	719.8	98.0	71.4
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	3	.2	1.4	.1	.3	.9	5.1	7.1	12.1	<sup>2</sup> 12.7	1.1
5 TO 9 EMPLOYEES. . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
10 TO 19 EMPLOYEES. . . . .	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20 TO 49 EMPLOYEES. . . . .	5	.4	3.1	.3	.6	2.3	18.4	10.3	28.7	8.3	1.1
50 TO 99 EMPLOYEES. . . . .	12	1.8	13.9	1.3	2.7	9.7	60.1	54.4	114.5	26.2	9.2
100 TO 249 EMPLOYEES. . . . .	6	1.8	14.1	1.3	2.7	9.6	47.7	36.3	83.4	9.0	8.2
250 TO 499 EMPLOYEES. . . . .	6	4.8	41.8	2.9	6.0	23.3	128.9	84.0	212.1	20.5	21.3
500 TO 999 EMPLOYEES. . . . .	6	10.2	81.4	6.8	13.2	48.5	159.1	109.9	269.0	21.3	30.4
1,000 TO 2,499 EMPLOYEES. . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup>	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2813-- INDUSTRIAL GASES											
ESTABLISHMENTS: TOTAL. . . . .	507	10.3	78.5	5.3	11.1	36.6	400.9	188.8	588.7	123.7	21.2
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	150	.3	1.9	.2	.4	1.1	14.2	7.8	22.1	<sup>2</sup> 47.2	.5
5 TO 9 EMPLOYEES. . . . .	86	.6	4.6	.3	.8	2.4	33.8	13.6	47.3	(D)	.9
10 TO 19 EMPLOYEES. . . . .	115	1.6	12.7	.9	1.9	6.4	73.6	32.1	105.1	24.2	4.2
20 TO 49 EMPLOYEES. . . . .	110	3.4	25.8	1.7	3.5	11.7	139.6	60.8	199.3	41.2	7.6
50 TO 99 EMPLOYEES. . . . .	33	2.2	17.3	.9	1.8	6.3	88.4	37.2	126.3	3.4	3.9
100 TO 249 EMPLOYEES. . . . .	12	2.2	16.2	1.3	2.6	8.8	51.4	37.2	88.6	7.7	4.2
250 TO 499 EMPLOYEES. . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	26	(Z)	.3	(Z)	(Z)	.1	1.0	.7	1.6	.1	.1

See footnotes at end of table.



TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					
2815-- CYCLIC INTERMEDIATES AND CRUDES											
ESTABLISHMENTS, TOTAL . . . . .	177	30.0	251.1	20.3	41.7	152.9	729.5	874.5	1 596.8	136.1	261.8
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES . . . . .	26	(2)	.3	(2)	.1	.2	4.7	9.7	14.4	<sup>2</sup> 2.6	1.2
5 TO 9 EMPLOYEES . . . . .	20	.1	1.2	.1	.2	.6	2.8	5.4	8.3	(D)	.9
10 TO 19 EMPLOYEES . . . . .	24	.3	2.5	.2	.5	1.4	10.6	22.6	33.3	.4	4.2
20 TO 49 EMPLOYEES . . . . .	27	.9	6.8	.6	1.2	4.2	25.0	46.1	70.0	1.7	10.5
50 TO 99 EMPLOYEES . . . . .	16	1.1	8.9	.8	1.7	5.6	32.0	55.4	87.1	2.5	8.9
100 TO 249 EMPLOYEES . . . . .	37	5.8	45.7	3.8	8.0	26.5	127.8	178.5	299.4	25.1	59.1
250 TO 499 EMPLOYEES . . . . .	13	4.5	34.6	3.0	6.1	20.7	145.8	154.2	299.1	43.0	41.4
500 TO 999 EMPLOYEES . . . . .	7	5.1	44.3	3.4	7.1	26.2	106.8	99.1	204.9	21.4	38.4
1,000 TO 2,499 EMPLOYEES . . . . .	7	12.1	106.6	8.3	16.9	67.5	273.8	303.5	580.3	39.4	97.1
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	11	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2816-- INORGANIC PIGMENTS											
ESTABLISHMENTS, TOTAL . . . . .	98	12.6	97.2	8.9	17.7	63.2	316.3	235.0	549.3	20.8	108.6
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	14	(2)	.2	(2)	(2)	.1	.7	.6	1.3	(2)	.2
5 TO 9 EMPLOYEES . . . . .	13	.1	.6	.1	.1	.4	2.2	7.7	10.2	.1	.8
10 TO 19 EMPLOYEES . . . . .	11	.2	1.0	.1	.2	.6	2.5	2.2	4.6	.1	.5
20 TO 49 EMPLOYEES . . . . .	22	.7	5.0	.6	1.1	3.3	25.1	27.5	52.9	.6	5.7
50 TO 99 EMPLOYEES . . . . .	11	.7	5.2	.6	1.2	3.5	19.5	18.2	36.9	1.1	5.3
100 TO 249 EMPLOYEES . . . . .	12	1.8	12.0	1.3	2.6	8.1	33.0	47.9	78.1	7.7	17.8
250 TO 499 EMPLOYEES . . . . .	11	4.3	32.3	2.8	5.8	19.4	104.7	77.9	184.3	6.5	38.9
500 TO 999 EMPLOYEES . . . . .	1	4.8	41.0	3.4	6.5	27.8	128.5	53.1	181.0	4.7	39.3
1,000 TO 2,499 EMPLOYEES . . . . .	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	13	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2818-- INDUSTRIAL ORGANIC CHEMICALS, NEC											
ESTABLISHMENTS, TOTAL . . . . .	488	95.1	844.9	62.4	126.4	499.8	3 575.3	2 849.0	6 377.8	781.2	801.1
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	125	.2	1.3	.2	.2	.7	4.5	4.0	8.5	<sup>2</sup> 71.8	1.2
5 TO 9 EMPLOYEES . . . . .	49	.3	2.8	.2	.5	1.4	9.4	15.3	24.5	.9	3.1
10 TO 19 EMPLOYEES . . . . .	46	.6	4.8	.4	.9	2.7	23.0	28.7	51.2	1.4	6.3
20 TO 49 EMPLOYEES . . . . .	69	2.1	16.9	1.4	2.8	9.3	64.8	96.5	158.2	11.6	21.2
50 TO 99 EMPLOYEES . . . . .	50	3.5	27.5	2.2	4.8	15.5	112.2	152.3	262.8	28.8	36.3
100 TO 249 EMPLOYEES . . . . .	70	11.1	90.6	7.1	14.9	53.5	417.1	440.1	850.1	85.8	111.6
250 TO 499 EMPLOYEES . . . . .	38	13.5	120.5	8.9	19.1	72.4	571.2	524.6	1 078.3	159.2	150.6
500 TO 999 EMPLOYEES . . . . .	21	15.1	130.3	9.6	18.8	74.7	525.7	348.0	872.5	161.9	90.1
1,000 TO 2,499 EMPLOYEES . . . . .	13	21.8	194.5	14.2	29.4	116.9	928.2	588.7	1 504.4	125.6	177.6
2,500 EMPLOYEES OR MORE . . . . .	7	27.0	255.5	18.2	35.0	152.6	919.2	650.8	1 567.5	134.0	203.1
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	83	.1	.8	.1	.1	.4	2.7	2.4	5.2	.3	.8
2819-- INDUST. INORGANIC CHEMICALS, NEC											
ESTABLISHMENTS, TOTAL . . . . .	718	81.2	662.4	51.8	106.2	381.4	2 295.4	1 986.0	4 248.4	261.4	473.8
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES . . . . .	168	.3	2.1	.3	.5	1.3	26.3	38.9	60.7	<sup>2</sup> 45.0	9.9
5 TO 9 EMPLOYEES . . . . .	85	.6	4.1	.4	.8	2.5	23.5	25.1	48.3	.8	4.3
10 TO 19 EMPLOYEES . . . . .	107	1.5	10.7	1.1	2.2	6.9	58.2	51.8	109.1	8.7	9.6
20 TO 49 EMPLOYEES . . . . .	117	3.8	26.8	2.7	5.4	17.3	132.4	158.4	286.8	10.3	27.9
50 TO 99 EMPLOYEES . . . . .	92	6.3	48.5	4.4	9.5	31.9	207.7	277.9	485.3	24.4	61.7
100 TO 249 EMPLOYEES . . . . .	74	11.4	91.5	8.0	17.1	59.4	366.9	393.5	750.9	42.0	94.9
250 TO 499 EMPLOYEES . . . . .	42	15.0	121.2	10.5	21.8	77.8	444.3	397.4	831.2	53.8	124.7
500 TO 999 EMPLOYEES . . . . .	21	14.7	121.0	10.4	21.4	79.7	367.6	436.3	801.8	62.5	106.8
1,000 TO 2,499 EMPLOYEES . . . . .	8	11.4	98.0	6.4	12.2	47.6	253.2	153.6	405.9	<sup>2</sup> 13.8	33.9
2,500 EMPLOYEES OR MORE . . . . .	4	16.2	138.4	7.7	15.3	57.0	415.4	53.0	468.4	(D)	(Z)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	104	.2	1.1	.2	.2	.6	4.4	3.9	8.3	.5	.9
2821-- PLASTICS MATERIALS AND RESINS											
ESTABLISHMENTS, TOTAL . . . . .	660	70.6	568.8	46.8	95.6	332.7	1 635.1	1 849.8	3 473.9	310.1	395.3
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	152	.2	1.8	.2	.3	1.1	7.1	8.2	15.3	<sup>2</sup> 40.1	1.7
5 TO 9 EMPLOYEES . . . . .	67	.5	3.4	.3	.6	1.8	10.3	16.8	27.0	.7	2.1
10 TO 19 EMPLOYEES . . . . .	101	1.4	9.0	1.0	2.0	5.3	27.9	47.6	74.5	2.9	7.7
20 TO 49 EMPLOYEES . . . . .	140	4.4	30.5	3.0	5.9	16.3	101.7	141.3	241.7	10.1	24.0
50 TO 99 EMPLOYEES . . . . .	80	5.6	38.7	3.8	7.8	22.7	88.3	174.5	261.1	12.5	36.7
100 TO 249 EMPLOYEES . . . . .	62	9.7	74.6	6.2	13.2	42.1	254.9	321.3	571.5	44.4	70.7
250 TO 499 EMPLOYEES . . . . .	27	9.4	78.0	6.4	13.6	47.5	257.5	281.7	535.8	63.5	65.7
500 TO 999 EMPLOYEES . . . . .	16	11.1	91.4	7.3	15.0	54.6	259.4	310.2	566.3	67.2	68.9
1,000 TO 2,499 EMPLOYEES . . . . .	11	16.3	132.9	11.1	22.3	81.3	379.2	322.1	702.3	41.9	60.9
2,500 EMPLOYEES OR MORE . . . . .	4	12.1	108.5	7.6	14.9	60.1	249.0	226.2	478.3	26.9	56.9
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	106	.2	1.2	.2	.2	.7	4.9	5.8	10.7	.5	1.4

See footnotes at end of table.

TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establish- ments (number)	All employees		Production workers			Value added by manufac- ture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expendi- tures, new (million dollars)	End-of- year inventories (million dollars)
		Number	Payroll	Number	Man-hours	Wages					
		(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					
2822-- SYNTHETIC RUBBER											
ESTABLISHMENTS, TOTAL. . . . .	48	12.6	110.4	8.5	16.8	66.5	404.9	521.2	926.9	75.2	97.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	12	(Z)	.2	(Z)	(Z)	.2	.5	.5	1.1	<sup>2</sup> 20.0	.2
5 TO 9 EMPLOYEES . . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
10 TO 19 EMPLOYEES . . . . .	6	.1	.7	(Z)	.1	.3	2.2	2.6	4.6	(D)	.6
20 TO 49 EMPLOYEES . . . . .	3	.2	1.3	.2	.2	.9	4.3	7.2	12.4	.1	1.0
50 TO 99 EMPLOYEES . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
100 TO 249 EMPLOYEES . . . . .	6	.9	7.9	.6	1.3	4.8	41.6	34.5	73.4	3.0	8.5
250 TO 499 EMPLOYEES . . . . .	8	3.0	25.0	1.7	3.5	13.2	97.9	129.9	227.8	7.3	28.6
500 TO 999 EMPLOYEES . . . . .	8	8.5	75.2	6.0	11.7	47.1	258.5	346.3	607.6	44.8	58.1
1,000 TO 2,499 EMPLOYEES . . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup>	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2823-- CELLULOSIC MANMADE FIBERS											
ESTABLISHMENTS, TOTAL. . . . .	23	31.9	198.2	25.3	50.0	141.1	506.8	383.3	902.8	51.6	108.8
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	1	.3	2.0	.2	.7	1.7	2.9	2.1	4.9	.3	1.1
5 TO 9 EMPLOYEES . . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
10 TO 19 EMPLOYEES . . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20 TO 49 EMPLOYEES . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
500 TO 999 EMPLOYEES . . . . .	5	3.6	22.6	2.8	5.9	15.8	49.4	38.2	94.0	3.4	14.0
1,000 TO 2,499 EMPLOYEES . . . . .	8	14.1	83.1	11.8	23.5	64.7	199.0	174.0	378.3	10.0	51.4
2,500 EMPLOYEES OR MORE . . . . .	4	13.8	90.5	10.4	20.0	59.0	255.4	169.1	425.7	38.1	42.4
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup>	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	(D)
2824-- ORGANIC FIBERS, NONCELLULOSIC											
ESTABLISHMENTS, TOTAL. . . . .	40	57.2	415.9	40.7	80.9	257.9	1 251.8	767.7	2 033.2	309.7	267.7
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	2	(Z)	.2	(Z)	(Z)	.1	(Z)	.3	.5	<sup>2</sup> 46.6	(Z)
5 TO 9 EMPLOYEES . . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
10 TO 19 EMPLOYEES . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20 TO 49 EMPLOYEES . . . . .	1	.2	2.2	.1	.3	.7	5.3	4.3	5.2	38.7	4.6
50 TO 99 EMPLOYEES . . . . .	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
100 TO 249 EMPLOYEES . . . . .	4	1.5	8.9	1.2	2.4	5.4	10.8	20.5	36.4	10.8	7.4
250 TO 499 EMPLOYEES . . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
500 TO 999 EMPLOYEES . . . . .	6	3.9	25.7	2.8	5.9	15.5	61.6	79.4	133.6	33.5	28.0
1,000 TO 2,499 EMPLOYEES . . . . .	9	14.6	97.5	10.1	21.3	58.2	362.9	209.6	575.5	76.1	71.6
2,500 EMPLOYEES OR MORE . . . . .	10	36.8	281.5	26.5	51.1	177.9	810.9	453.6	1 282.0	104.1	155.9
2831-- BIOLOGICAL PRODUCTS											
ESTABLISHMENTS, TOTAL. . . . .	128	7.4	53.8	4.8	9.3	25.1	109.2	56.4	160.0	12.1	46.1
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	52	.1	.5	.1	.1	.3	1.5	.8	2.2	<sup>2</sup> .2	.5
5 TO 9 EMPLOYEES . . . . .	14	.1	.5	.1	.1	.2	1.0	.5	1.5	.1	.2
10 TO 19 EMPLOYEES . . . . .	18	.2	1.4	.2	.3	.8	3.0	1.9	4.8	.8	.9
20 TO 49 EMPLOYEES . . . . .	19	.6	3.6	.4	.8	1.9	10.2	4.3	14.2	.7	3.4
50 TO 99 EMPLOYEES . . . . .	7	.5	3.1	.4	.6	1.5	9.4	3.3	12.4	1.6	3.0
100 TO 249 EMPLOYEES . . . . .	9	1.3	9.1	.9	1.8	5.0	17.6	10.1	27.2	2.9	7.5
250 TO 499 EMPLOYEES . . . . .	5	2.0	12.9	1.4	2.7	6.6	36.3	17.3	54.4	1.3	14.4
500 TO 999 EMPLOYEES . . . . .	4	2.5	22.7	1.4	2.8	8.8	30.3	18.3	43.4	4.6	16.1
ESTABS. COVERED BY ADMIN. RECORDS <sup>1e</sup>	47	.1	.5	.1	.1	.3	1.3	.8	2.1	.2	.5
2833-- MEDICINALS AND BOTANICALS											
ESTABLISHMENTS, TOTAL. . . . .	126	8.4	67.1	5.6	11.7	41.4	243.3	206.1	445.2	36.2	83.5
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	42	.1	.4	.1	.1	.2	2.1	3.2	5.0	<sup>2</sup> .2	.7
5 TO 9 EMPLOYEES . . . . .	21	.1	1.2	.1	.2	.5	3.6	7.1	10.5	.6	1.0
10 TO 19 EMPLOYEES . . . . .	18	.2	1.6	.2	.3	1.0	4.3	7.9	12.1	.2	1.7
20 TO 49 EMPLOYEES . . . . .	22	.7	4.8	.4	.9	2.6	20.4	43.1	62.7	1.5	5.6
50 TO 99 EMPLOYEES . . . . .	9	.6	4.3	.4	.7	2.0	14.8	11.8	26.1	1.3	5.6
100 TO 249 EMPLOYEES . . . . .	8	2.7	22.5	1.7	3.4	11.6	91.6	67.4	158.0	5.5	32.3
250 TO 499 EMPLOYEES . . . . .	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
500 TO 999 EMPLOYEES . . . . .	1	4.1	32.2	2.8	6.1	23.3	106.4	65.6	170.7	26.9	36.8
1,000 TO 2,499 EMPLOYEES . . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1e</sup>	30	.1	.3	.1	.1	.2	.8	.8	1.6	(Z)	.3

See footnotes at end of table.



TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establish- ments  (number)	All employees		Production workers			Value added by manufac- ture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expendi- tures, new (million dollars)	End-of- year invento- ries (million dollars)
		Number	Payroll	Number	Man-hours	Wages					
		(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					
2834-- PHARMACEUTICAL PREPARATIONS											
ESTABLISHMENTS, TOTAL. . . . .	875	102.0	821.4	55.2	107.2	338.6	3 720.4	1 013.7	4 696.4	169.6	611.9
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>10</sup> . . . . .	379	.6	2.9	.6	.7	1.2	10.3	4.4	14.7	<sup>2</sup> 11.1	2.6
5 TO 9 EMPLOYEES <sup>10</sup> . . . . .	83	.6	3.2	.4	.7	1.4	8.7	4.2	12.8	.2	2.0
10 TO 19 EMPLOYEES <sup>10</sup> . . . . .	95	1.4	7.6	.8	1.6	3.3	20.6	16.0	36.7	.7	5.0
20 TO 49 EMPLOYEES <sup>10</sup> . . . . .	107	3.4	21.2	2.2	4.1	9.6	64.4	38.0	101.8	2.5	13.8
50 TO 99 EMPLOYEES <sup>10</sup> . . . . .	81	5.6	33.8	3.3	6.5	14.0	113.1	56.4	167.8	3.0	25.2
100 TO 249 EMPLOYEES <sup>10</sup> . . . . .	55	8.8	56.3	5.2	10.6	26.4	354.5	112.2	460.4	7.4	54.9
250 TO 499 EMPLOYEES <sup>10</sup> . . . . .	28	9.8	69.0	5.3	10.8	30.6	456.3	123.3	575.3	16.3	64.9
500 TO 999 EMPLOYEES <sup>10</sup> . . . . .	24	16.6	123.7	8.9	17.8	49.6	591.9	184.3	768.2	21.8	95.6
1,000 TO 2,499 EMPLOYEES <sup>10</sup> . . . . .	14	19.4	168.2	10.3	19.6	72.0	1 005.9	226.5	1 227.3	42.8	142.9
2,500 EMPLOYEES OR MORE. . . . .	9	35.9	335.5	18.3	34.8	130.5	1 094.5	248.3	1 331.5	63.7	204.9
ESTABS. COVERED BY ADMIN. RECORDS <sup>10</sup>	371	.7	3.5	.7	.9	1.5	11.7	4.9	16.6	.3	3.0
2841-- SOAP AND OTHER DETERGENTS											
ESTABLISHMENTS, TOTAL. . . . .	668	30.3	243.0	20.0	40.1	145.3	1 403.7	1 202.0	2 593.4	48.1	250.5
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>10</sup> . . . . .	287	.5	3.0	.4	.6	1.6	10.3	9.2	19.4	<sup>2</sup> 5.2	1.8
5 TO 9 EMPLOYEES <sup>10</sup> . . . . .	85	.6	3.8	.3	.6	1.7	10.3	11.5	21.8	.4	2.0
10 TO 19 EMPLOYEES <sup>10</sup> . . . . .	89	1.3	8.7	.7	1.3	3.4	30.4	31.6	61.5	.7	5.3
20 TO 49 EMPLOYEES <sup>10</sup> . . . . .	105	3.5	23.7	1.6	3.2	9.1	81.4	81.5	162.0	2.1	14.3
50 TO 99 EMPLOYEES <sup>10</sup> . . . . .	50	3.5	24.8	1.9	3.8	10.9	104.7	99.9	203.8	3.8	17.9
100 TO 249 EMPLOYEES <sup>10</sup> . . . . .	24	3.6	25.4	2.3	4.4	13.4	148.2	103.2	249.8	3.2	26.0
250 TO 499 EMPLOYEES <sup>10</sup> . . . . .	16	6.0	50.6	4.5	9.1	34.5	352.6	310.9	662.5	11.8	59.5
500 TO 999 EMPLOYEES <sup>10</sup> . . . . .	8	5.5	52.5	3.9	8.2	35.0	352.8	325.7	675.4	11.4	62.1
1,000 TO 2,499 EMPLOYEES <sup>10</sup> . . . . .	4	5.9	50.8	4.5	8.8	35.8	312.9	228.6	537.1	9.4	61.6
ESTABS. COVERED BY ADMIN. RECORDS <sup>10</sup>	238	.4	2.2	.4	.5	1.3	8.3	7.4	15.7	(2)	1.7
2842-- POLISHES AND SANITATION GOODS											
ESTABLISHMENTS, TOTAL. . . . .	1 004	19.4	128.7	11.8	22.6	56.5	666.1	449.0	1 108.0	16.4	114.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>10</sup> . . . . .	527	.8	4.2	.8	1.1	1.8	15.8	12.3	28.3	.3	3.3
5 TO 9 EMPLOYEES <sup>10</sup> . . . . .	159	1.0	6.3	.6	1.1	2.4	20.5	15.6	36.1	.5	3.4
10 TO 19 EMPLOYEES <sup>10</sup> . . . . .	115	1.6	10.9	.9	1.7	4.2	43.8	33.2	76.9	1.1	7.8
20 TO 49 EMPLOYEES <sup>10</sup> . . . . .	118	3.5	23.0	2.0	4.0	9.6	103.2	80.1	182.9	2.4	15.6
50 TO 99 EMPLOYEES <sup>10</sup> . . . . .	41	2.7	17.6	1.7	3.2	7.7	83.2	74.4	154.7	5.3	17.4
100 TO 249 EMPLOYEES <sup>10</sup> . . . . .	30	4.5	32.1	2.3	4.5	11.6	100.8	85.2	184.3	2.3	21.6
250 TO 499 EMPLOYEES <sup>10</sup> . . . . .	12	5.2	34.5	3.6	6.9	19.1	298.7	148.2	444.9	4.6	44.1
500 TO 999 EMPLOYEES <sup>10</sup> . . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS <sup>10</sup>	499	.9	4.5	.9	1.2	2.0	15.4	11.2	26.6	.2	3.2
2843-- SURFACE ACTIVE AGENTS											
ESTABLISHMENTS, TOTAL. . . . .	164	5.7	49.9	3.1	6.3	20.6	129.5	166.5	294.2	8.0	37.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>10</sup> . . . . .	34	.1	.6	.1	.1	.2	1.7	1.9	3.6	.1	.4
5 TO 9 EMPLOYEES <sup>10</sup> . . . . .	31	.2	2.2	.1	.2	.8	4.7	7.4	12.0	.3	.9
10 TO 19 EMPLOYEES <sup>10</sup> . . . . .	28	.4	3.5	.2	.4	1.3	8.7	11.5	20.2	.4	1.8
20 TO 49 EMPLOYEES <sup>10</sup> . . . . .	47	1.5	13.6	.8	1.6	5.1	34.1	48.5	83.0	1.8	8.1
50 TO 99 EMPLOYEES <sup>10</sup> . . . . .	13	.9	7.5	.5	1.0	3.0	19.2	29.2	47.9	1.7	8.6
100 TO 249 EMPLOYEES <sup>10</sup> . . . . .	9	2.6	22.6	1.4	3.0	10.2	61.1	67.9	127.5	3.6	17.8
250 TO 499 EMPLOYEES <sup>10</sup> . . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS <sup>10</sup>	27	.1	.5	.1	.1	.2	1.2	1.6	2.8	.1	.4
2844-- TOILET PREPARATIONS											
ESTABLISHMENTS, TOTAL. . . . .	672	41.5	262.2	26.4	50.2	125.0	1 730.6	804.9	2 515.6	52.7	278.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>10</sup> . . . . .	335	.5	2.7	.5	.7	1.3	10.5	6.1	16.6	<sup>2</sup> 17.8	2.1
5 TO 9 EMPLOYEES <sup>10</sup> . . . . .	74	.5	3.0	.4	.6	1.2	10.5	5.7	16.2	.2	1.8
10 TO 19 EMPLOYEES <sup>10</sup> . . . . .	70	.9	5.3	.6	1.2	2.5	15.3	13.1	28.3	.3	3.4
20 TO 49 EMPLOYEES <sup>10</sup> . . . . .	67	2.1	12.1	1.3	2.5	5.4	44.2	36.0	79.3	1.5	11.7
50 TO 99 EMPLOYEES <sup>10</sup> . . . . .	36	2.5	13.1	1.7	3.3	6.9	55.2	36.2	91.0	1.2	13.5
100 TO 249 EMPLOYEES <sup>10</sup> . . . . .	44	7.4	40.6	4.9	9.2	18.9	193.9	121.5	311.5	4.9	41.9
250 TO 499 EMPLOYEES <sup>10</sup> . . . . .	26	9.6	66.5	6.6	12.7	34.2	579.5	277.1	852.4	9.1	77.3
500 TO 999 EMPLOYEES <sup>10</sup> . . . . .	16	11.5	78.1	6.8	13.2	34.8	652.7	239.5	880.6	14.6	89.0
1,000 TO 2,499 EMPLOYEES <sup>10</sup> . . . . .	4	6.3	40.8	3.6	6.9	19.8	168.8	69.7	239.7	3.2	37.4
ESTABS. COVERED BY ADMIN. RECORDS <sup>10</sup>	312	.6	2.6	.6	.8	1.4	10.7	5.0	15.8	.1	2.2

See footnotes at end of table.

TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

(See Appendix, Explanation of Terms)											
Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number	Payroll	Number	Man-hours	Wages					
		(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					
2851-- PAINTS AND ALLIED PRODUCTS											
ESTABLISHMENTS, TOTAL . . . . .	1 701	66.1	492.0	36.3	73.1	223.4	1 318.5	1 606.4	2 911.4	70.7	426.7
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES . . . . .	468	.9	5.8	.8	1.0	2.8	16.0	22.6	38.6	1.3	5.2
5 TO 9 EMPLOYEES . . . . .	242	1.7	11.7	.9	1.9	5.2	27.5	39.0	66.3	.9	7.4
10 TO 19 EMPLOYEES . . . . .	311	4.3	31.0	2.5	4.9	13.9	74.9	106.2	180.3	3.8	20.3
20 TO 49 EMPLOYEES . . . . .	350	11.1	79.6	6.1	12.2	33.9	193.9	249.9	441.9	12.1	60.4
50 TO 99 EMPLOYEES . . . . .	171	12.0	88.5	6.7	13.9	39.7	232.8	285.2	512.6	12.5	76.7
100 TO 249 EMPLOYEES . . . . .	113	17.1	128.3	9.2	19.0	58.1	344.5	470.1	813.4	20.4	123.5
250 TO 499 EMPLOYEES . . . . .	36	11.9	92.3	6.0	12.1	40.0	276.8	287.6	561.8	12.7	87.8
500 TO 999 EMPLOYEES . . . . .	8	7.1	55.0	4.1	8.1	29.9	152.1	145.9	296.6	7.0	45.4
1,000 TO 2,499 EMPLOYEES . . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2,500 EMPLOYEES OR MORE . . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABLS. COVERED BY ADMIN. RECORDS <sup>1e</sup>	416	.8	5.3	.8	1.0	2.4	14.4	20.3	34.7	.4	4.8
2861-- GUM AND WOOD CHEMICALS											
ESTABLISHMENTS, TOTAL . . . . .	184	5.9	33.5	4.6	9.0	23.1	100.8	115.3	215.9	20.6	46.2
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES . . . . .	98	.2	.8	.2	.3	.5	2.2	3.0	5.1	.2	.9
5 TO 9 EMPLOYEES . . . . .	27	.2	.9	.2	.3	.6	3.8	4.5	8.1	.2	1.2
10 TO 19 EMPLOYEES . . . . .	17	.2	1.0	.2	.4	.7	2.1	3.5	5.7	.3	.6
20 TO 49 EMPLOYEES . . . . .	21	1.3	6.2	1.1	2.2	4.5	16.1	19.7	33.4	4.8	6.5
50 TO 99 EMPLOYEES . . . . .	8	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
100 TO 249 EMPLOYEES . . . . .	9	4.0	24.5	3.0	5.8	16.7	76.6	84.7	161.5	15.1	37.0
250 TO 499 EMPLOYEES . . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
500 TO 999 EMPLOYEES . . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1,000 TO 2,499 EMPLOYEES . . . . .	-	-	-	-	-	-	-	-	-	-	-
2,500 EMPLOYEES OR MORE . . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABLS. COVERED BY ADMIN. RECORDS <sup>1e</sup>	95	.2	.8	.2	.4	.6	2.5	3.3	5.8	.2	1.1
2871-- FERTILIZERS											
ESTABLISHMENTS, TOTAL . . . . .	213	20.8	129.2	15.2	32.2	86.1	434.1	783.7	1 196.9	133.1	245.2
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES . . . . .	8	(Z)	.1	(Z)	(Z)	.1	.5	.8	1.3	55.0	.5
5 TO 9 EMPLOYEES . . . . .	7	(Z)	.2	(Z)	.1	.1	1.2	1.5	2.7	(D)	.8
10 TO 19 EMPLOYEES . . . . .	14	.2	1.2	.2	.3	.7	3.6	11.1	13.8	(D)	3.2
20 TO 49 EMPLOYEES . . . . .	55	2.0	11.0	1.6	3.4	7.9	24.4	81.3	107.7	(D)	28.2
50 TO 99 EMPLOYEES . . . . .	71	4.9	25.0	3.8	7.7	16.9	63.9	179.0	239.0	6.4	59.1
100 TO 249 EMPLOYEES . . . . .	40	5.7	37.7	4.0	8.6	24.2	93.6	224.3	312.4	45.4	71.5
250 TO 499 EMPLOYEES . . . . .	14	5.0	34.8	3.5	7.8	22.7	196.4	198.2	383.3	18.3	56.9
500 TO 999 EMPLOYEES . . . . .	3	2.9	19.2	2.1	4.4	13.4	50.6	87.5	136.7	8.0	24.9
1,000 TO 2,499 EMPLOYEES . . . . .	1	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
2872-- FERTILIZERS, MIXING ONLY											
ESTABLISHMENTS, TOTAL . . . . .	721	13.4	70.6	8.9	17.8	37.5	195.3	535.7	731.1	18.0	133.2
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES . . . . .	249	.5	2.7	.5	.8	1.6	9.1	23.2	32.1	2.2	4.2
5 TO 9 EMPLOYEES . . . . .	115	.8	4.4	.5	1.1	2.3	11.7	38.3	49.3	1.2	9.2
10 TO 19 EMPLOYEES . . . . .	147	2.0	10.3	1.4	2.8	5.5	26.5	75.3	105.1	2.4	17.0
20 TO 49 EMPLOYEES . . . . .	142	4.3	21.4	3.0	6.2	12.7	56.6	181.6	238.9	4.9	46.1
50 TO 99 EMPLOYEES . . . . .	53	3.6	20.5	2.3	4.4	10.1	49.5	135.9	185.0	5.6	33.8
100 TO 249 EMPLOYEES . . . . .	14	2.2	11.2	1.2	2.6	5.2	41.8	81.4	120.6	1.7	22.8
250 TO 499 EMPLOYEES . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABLS. COVERED BY ADMIN. RECORDS <sup>1e</sup>	177	.4	2.0	.4	.6	1.2	4.7	12.2	16.8	.4	2.9
2879-- AGRICULTURAL CHEMICALS, NEC											
ESTABLISHMENTS, TOTAL . . . . .	344	11.5	80.7	6.9	13.6	39.0	376.3	460.8	817.0	54.0	145.6
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES . . . . .	106	.2	1.2	.2	.2	.5	4.0	7.7	11.5	1.3	2.8
5 TO 9 EMPLOYEES . . . . .	62	.4	2.4	.3	.6	1.2	11.8	30.1	40.2	1.8	8.8
10 TO 19 EMPLOYEES . . . . .	61	.8	4.5	.5	1.0	2.0	23.0	40.0	60.8	1.0	9.8
20 TO 49 EMPLOYEES . . . . .	66	2.1	13.0	1.2	2.4	5.2	39.8	103.4	140.8	2.8	25.5
50 TO 99 EMPLOYEES . . . . .	23	1.5	10.8	.9	1.8	5.6	31.9	58.5	87.4	1.3	16.5
100 TO 249 EMPLOYEES . . . . .	19	2.5	16.2	1.6	3.2	9.5	60.6	105.0	166.3	3.4	26.4
250 TO 499 EMPLOYEES . . . . .	4	1.5	12.9	.9	1.9	6.7	66.6	60.3	122.9	42.5	22.2
500 TO 999 EMPLOYEES . . . . .	2	2.5	19.7	1.3	2.6	8.4	138.6	55.8	187.0	(D)	32.6
1,000 TO 2,499 EMPLOYEES . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2,500 EMPLOYEES OR MORE . . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABLS. COVERED BY ADMIN. RECORDS <sup>1e</sup>	72	.2	1.0	.1	.2	.5	2.2	4.0	6.2	.1	1.2

See footnotes at end of table.



TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					
2891-- ADHESIVES AND GELATIN											
ESTABLISHMENTS, TOTAL . . . . .	337	9.7	73.8	5.9	12.4	36.1	211.3	264.7	473.6	22.0	59.6
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES . . . . .	101	.2	1.4	.2	.2	.6	5.1	6.4	11.5	<sup>2</sup> 7.1	1.1
5 TO 9 EMPLOYEES . . . . .	58	.4	3.0	.2	.4	1.2	9.6	13.6	23.0	(0)	2.3
10 TO 19 EMPLOYEES . . . . .	65	.9	6.8	.5	1.0	2.7	20.5	26.0	46.3	.7	4.2
20 TO 49 EMPLOYEES . . . . .	65	2.1	15.5	1.2	2.5	6.6	44.6	69.0	112.8	2.5	10.4
50 TO 99 EMPLOYEES . . . . .	27	1.8	13.4	1.0	2.1	6.1	34.7	51.3	85.9	1.7	8.5
100 TO 249 EMPLOYEES . . . . .	16	2.4	18.8	1.4	3.1	8.8	51.0	58.4	109.1	3.5	17.5
250 TO 499 EMPLOYEES . . . . .	4	1.9	14.9	1.4	3.0	10.1	45.8	39.9	85.0	6.4	15.5
500 TO 999 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABLS. COVERED BY ADMIN. RECORDS <sup>1</sup> . . . . .	81	.1	.9	.1	.2	.5	2.4	3.4	5.7	.1	.7
2892-- EXPLOSIVES											
ESTABLISHMENTS, TOTAL . . . . .	92	32.8	226.1	24.1	47.9	156.3	376.0	270.7	647.0	21.8	39.1
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES . . . . .	31	.1	.4	.1	.1	.3	2.9	3.2	6.1	<sup>2</sup> 2.0	.6
5 TO 9 EMPLOYEES . . . . .	5	.1	.6	(2)	.1	.4	.6	4.0	6.1	.2	.9
10 TO 19 EMPLOYEES . . . . .	4	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
20 TO 49 EMPLOYEES . . . . .	13	.5	3.2	.4	.7	2.2	11.7	7.3	18.9	1.0	2.1
50 TO 99 EMPLOYEES . . . . .	7	.5	3.3	.3	.6	1.9	6.1	8.6	14.6	1.0	1.7
100 TO 249 EMPLOYEES . . . . .	15	2.5	17.0	2.0	3.9	12.9	37.6	30.4	67.8	(0)	10.5
250 TO 499 EMPLOYEES . . . . .	5	2.0	15.7	1.4	2.8	10.1	34.8	21.2	55.5	(0)	7.0
500 TO 999 EMPLOYEES . . . . .	6	7.1	47.3	5.4	10.5	22.9	84.7	61.0	146.3	3.2	16.2
1,000 TO 2,499 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2,500 EMPLOYEES OR MORE . . . . .	5	20.0	138.4	14.4	29.1	95.5	197.6	135.1	332.7	(0)	(0)
ESTABLS. COVERED BY ADMIN. RECORDS <sup>1</sup> . . . . .	4	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2893-- PRINTING INK											
ESTABLISHMENTS, TOTAL . . . . .	360	9.7	74.0	6.4	13.6	41.1	166.6	211.9	375.6	7.1	44.7
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	89	.2	1.3	.1	.3	.8	3.5	3.6	7.1	<sup>2</sup> 1.2	.9
5 TO 9 EMPLOYEES . . . . .	60	.4	2.9	.2	.5	1.5	6.8	8.3	15.0	.4	1.8
10 TO 19 EMPLOYEES . . . . .	87	1.2	9.2	.7	1.5	4.6	23.1	26.4	49.2	.6	4.9
20 TO 49 EMPLOYEES . . . . .	78	2.4	17.5	1.5	3.0	9.1	40.1	49.9	89.3	1.4	10.2
50 TO 99 EMPLOYEES . . . . .	24	1.6	11.6	1.0	2.1	6.2	27.2	34.3	60.9	.9	6.6
100 TO 249 EMPLOYEES . . . . .	18	4.0	31.5	2.9	6.3	19.0	65.8	89.4	154.2	2.6	20.4
250 TO 499 EMPLOYEES . . . . .	4	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABLS. COVERED BY ADMIN. RECORDS <sup>1</sup> . . . . .	55	.1	.7	.1	.1	.4	1.4	1.5	3.0	.1	.3
2895-- CARBON BLACK											
ESTABLISHMENTS, TOTAL . . . . .	34	2.8	22.8	2.3	5.2	18.0	100.8	67.4	167.8	23.4	15.6
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES . . . . .	5	.2	1.6	.1	.3	1.0	8.3	6.2	14.7	<sup>2</sup> 13.7	1.4
5 TO 9 EMPLOYEES . . . . .	5	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
10 TO 19 EMPLOYEES . . . . .	17	1.3	11.2	1.1	2.5	8.8	48.7	33.5	81.6	(0)	9.3
20 TO 49 EMPLOYEES . . . . .	6	1.2	10.0	1.1	2.4	8.2	43.7	27.7	71.6	9.7	4.9
50 TO 99 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABLS. COVERED BY ADMIN. RECORDS <sup>1</sup> . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2899-- CHEMICAL PREPARATIONS, NEC											
ESTABLISHMENTS, TOTAL . . . . .	1 373	33.3	230.2	21.1	42.0	115.6	732.4	648.7	1 381.6	54.5	163.9
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	668	1.2	6.7	1.1	1.4	3.2	23.0	18.5	41.4	3.3	4.2
5 TO 9 EMPLOYEES . . . . .	227	1.5	11.3	.9	1.7	4.5	32.9	29.8	62.4	1.1	5.3
10 TO 19 EMPLOYEES . . . . .	172	2.4	17.1	1.4	2.7	6.9	50.7	49.9	100.2	4.8	11.4
20 TO 49 EMPLOYEES . . . . .	165	5.1	35.8	2.8	5.6	15.0	117.9	108.4	224.5	4.1	28.5
50 TO 99 EMPLOYEES . . . . .	65	4.3	30.7	2.6	5.4	14.9	95.3	130.4	226.2	4.9	27.2
100 TO 249 EMPLOYEES . . . . .	58	9.2	62.4	6.3	13.2	37.2	211.6	176.8	386.4	24.6	45.1
250 TO 499 EMPLOYEES . . . . .	11	4.0	30.6	2.3	4.8	13.5	65.9	49.4	114.7	3.2	14.0
500 TO 999 EMPLOYEES . . . . .	5	5.6	35.7	3.9	7.3	20.3	135.1	85.6	225.7	8.6	28.1
1,000 TO 2,499 EMPLOYEES . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABLS. COVERED BY ADMIN. RECORDS <sup>1</sup> . . . . .	564	1.0	5.4	1.0	1.2	2.6	17.2	14.2	31.4	.6	3.4

See footnotes at end of table.

TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)											
Item	Establish- ments  (number)	All employees		Production workers			Value added by manufac- ture  (million dollars)	Cost of materials  (million dollars)	Value of shipments  (million dollars)	Capital expendi- tures, new  (million dollars)	End-of- year inventories  (million dollars)
		Number  (1,000)	Payroll  (million dollars)	Number  (1,000)	Man-hours  (millions)	Wages  (million dollars)					
2911-- PETROLEUM REFINING											
ESTABLISHMENTS, TOTAL. . . . .	437	106.7	965.0	75.6	151.6	632.2	4 745.0	15 683.7	20 293.9	956.3	1 904.3
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	80	.4	3.0	.3	.6	1.9	28.6	62.8	92.0	59.8	3.2
5 TO 9 EMPLOYEES . . . . .	37	(D)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
10 TO 19 EMPLOYEES . . . . .	33	.5	3.2	.3	.7	2.1	12.3	52.0	63.3	2.1	5.0
20 TO 49 EMPLOYEES . . . . .	53	1.7	12.0	1.1	2.4	7.2	34.8	141.0	174.1	7.4	15.6
50 TO 99 EMPLOYEES . . . . .	45	3.1	23.9	2.3	4.8	16.6	90.0	382.3	467.1	41.3	51.2
100 TO 249 EMPLOYEES . . . . .	81	13.7	115.8	10.5	21.7	83.0	597.6	2 154.1	2 727.9	73.8	246.5
250 TO 499 EMPLOYEES . . . . .	52	41.6	381.4	29.0	59.0	247.3	2 062.8	7 043.8	9 054.0	389.9	828.0
500 TO 999 EMPLOYEES . . . . .	34	(D)	(0)	(0)	(D)	(D)	(0)	(0)	(0)	(0)	(0)
1,000 TO 2,499 EMPLOYEES . . . . .	15	22.4	206.6	16.3	32.3	139.4	1 092.0	3 043.5	4 123.1	298.2	378.2
2,500 EMPLOYEES OR MORE . . . . .	7	23.2	218.9	15.8	30.1	134.8	826.9	2 804.3	3 592.3	83.9	376.6
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	57	.1	.6	.1	.1	.4	1.3	3.6	4.9	.2	.5
2951-- PAVING MIXTURES AND BLOCKS											
ESTABLISHMENTS, TOTAL. . . . .	872	12.2	90.0	8.5	18.0	58.4	234.7	350.1	584.6	23.8	19.7
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	306	.7	5.3	.6	1.2	4.0	22.7	41.1	63.6	1.7	2.1
5 TO 9 EMPLOYEES . . . . .	255	1.7	13.1	1.2	2.5	8.7	42.4	87.2	130.9	5.5	4.8
10 TO 19 EMPLOYEES . . . . .	156	2.1	15.8	1.5	3.1	10.2	48.7	75.3	123.6	4.9	4.2
20 TO 49 EMPLOYEES . . . . .	101	5.5	42.5	3.7	8.0	25.3	94.1	113.8	207.3	10.1	6.4
50 TO 99 EMPLOYEES . . . . .	41	(D)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
100 TO 249 EMPLOYEES . . . . .	12	2.2	13.2	1.5	3.2	10.1	26.8	32.6	59.3	1.7	2.1
250 TO 499 EMPLOYEES . . . . .	1	(D)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	125	.3	2.4	.3	.5	1.7	6.2	9.1	15.3	.7	.5
2952-- ASPHALT FELTS AND COATINGS											
ESTABLISHMENTS, TOTAL. . . . .	226	14.4	96.3	10.4	22.9	66.2	221.1	373.8	597.8	8.8	42.4
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	33	.1	.7	.1	.1	.4	2.1	3.6	5.6	1.1	.3
5 TO 9 EMPLOYEES . . . . .	22	.1	1.0	.1	.2	.6	3.1	7.1	10.2	(0)	.5
10 TO 19 EMPLOYEES . . . . .	33	.5	2.8	.3	.7	1.9	8.8	20.9	29.6	.4	1.5
20 TO 49 EMPLOYEES . . . . .	46	1.5	9.7	1.2	2.3	6.3	20.5	38.3	59.0	.6	4.7
50 TO 99 EMPLOYEES . . . . .	44	3.1	19.8	2.3	5.0	14.1	47.0	84.6	132.6	1.5	9.1
100 TO 249 EMPLOYEES . . . . .	42	6.3	42.8	4.7	10.5	30.2	95.2	179.2	276.0	4.1	20.0
250 TO 499 EMPLOYEES . . . . .	4	2.8	19.5	1.8	4.1	12.8	44.4	40.0	84.9	1.2	6.3
500 TO 999 EMPLOYEES . . . . .	2	(D)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	28	.1	.5	.1	.1	.3	1.1	1.9	2.9	(2)	.2
2992-- LUBRICATING OILS AND GREASES											
ESTABLISHMENTS, TOTAL. . . . .	298	7.3	58.0	3.9	7.9	24.3	200.7	284.6	487.3	8.5	53.3
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	98	.2	1.1	.1	.2	.6	7.7	16.1	24.0	(2)	1.9
5 TO 9 EMPLOYEES . . . . .	43	.3	2.1	.2	.3	.9	7.3	7.8	15.2	.2	1.8
10 TO 19 EMPLOYEES . . . . .	48	.7	5.3	.4	.9	2.4	20.3	30.2	50.0	1.7	5.1
20 TO 49 EMPLOYEES . . . . .	66	6.2	49.4	3.2	6.4	20.5	165.5	230.4	398.2	6.5	44.6
50 TO 99 EMPLOYEES . . . . .	33	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
100 TO 249 EMPLOYEES . . . . .	8	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
250 TO 499 EMPLOYEES . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	88	.2	1.1	.2	.2	.6	2.7	3.5	6.2	.1	.6
2999-- PETROLEUM AND COAL PRODUCTS, NEC											
ESTABLISHMENTS, TOTAL. . . . .	47	1.1	6.9	.8	1.7	5.2	24.4	56.2	79.8	1.8	10.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	16	.1	.9	.1	.2	.6	3.0	3.4	6.5	.1	.4
5 TO 9 EMPLOYEES . . . . .	12	(D)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
10 TO 19 EMPLOYEES . . . . .	4	.1	.3	.1	.1	.2	.5	1.0	1.6	(2)	.1
20 TO 49 EMPLOYEES . . . . .	9	.9	5.7	.7	1.5	4.4	20.8	51.7	71.7	1.7	9.5
50 TO 99 EMPLOYEES . . . . .	4	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
100 TO 249 EMPLOYEES . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	14	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

See footnotes at end of table.



TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number	Payroll	Number	Man-hours	Wages					
		(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					
3011-- TIRES AND INNER TUBES											
ESTABLISHMENTS, TOTAL. . . . .	182	92.7	774.5	71.4	136.5	573.8	1 823.0	1 895.2	3 733.9	198.8	526.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES. . . . .	42	.1	.4	.1	.1	.2	.7	.9	1.6	<sup>2</sup> 1.9	.2
5 TO 9 EMPLOYEES. . . . .	11	.1	.5	.1	.1	.3	1.0	1.2	2.2	.1	.2
10 TO 19 EMPLOYEES. . . . .	19	.3	1.5	.2	.4	1.0	3.3	4.9	8.3	.1	1.2
20 TO 49 EMPLOYEES. . . . .	26	.9	6.1	.7	1.3	3.9	17.9	44.2	62.2	1.4	4.2
50 TO 99 EMPLOYEES. . . . .	12	.9	5.6	.7	1.5	3.8	14.0	18.6	32.5	.5	2.7
100 TO 249 EMPLOYEES. . . . .	14	2.4	14.7	1.8	3.8	9.9	30.9	38.5	69.1	48.1	8.2
250 TO 499 EMPLOYEES. . . . .	12	4.4	29.4	3.6	7.7	21.4	74.8	88.6	162.4	(D)	13.5
500 TO 999 EMPLOYEES. . . . .	13	8.8	67.4	7.0	14.3	51.5	178.3	199.5	372.8	29.9	50.1
1,000 TO 2,499 EMPLOYEES. . . . .	26	74.9	648.9	57.2	107.4	481.7	1 501.9	1 499.0	3 022.7	116.8	445.8
2,500 EMPLOYEES OR MORE. . . . .	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> e	43	.1	.5	.1	.1	.4	1.0	1.3	2.3	.1	.3
3021-- RUBBER FOOTWEAR											
ESTABLISHMENTS, TOTAL. . . . .	65	29.1	141.1	25.7	46.5	112.8	244.9	180.1	427.0	9.6	91.3
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES. . . . .	3	.3	1.3	.1	.4	.9	2.1	9.2	11.1	(Z)	1.4
5 TO 9 EMPLOYEES. . . . .	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
10 TO 19 EMPLOYEES. . . . .	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20 TO 49 EMPLOYEES. . . . .	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
50 TO 99 EMPLOYEES. . . . .	8	.6	2.6	.5	1.0	2.0	7.2	3.2	10.2	.1	1.0
100 TO 249 EMPLOYEES. . . . .	16	2.9	12.0	2.6	4.9	9.2	21.4	13.8	34.4	1.5	6.0
250 TO 499 EMPLOYEES. . . . .	9	3.4	14.6	3.2	6.2	12.4	22.4	20.3	42.3	1.6	7.6
500 TO 999 EMPLOYEES. . . . .	9	6.1	28.7	5.4	10.5	23.4	53.6	37.7	92.3	2.2	16.1
1,000 TO 2,499 EMPLOYEES. . . . .	5	5.8	27.7	5.0	8.8	20.2	45.1	42.9	87.1	1.8	20.5
2,500 EMPLOYEES OR MORE. . . . .	3	10.1	54.3	8.8	14.7	44.8	93.0	53.1	149.7	2.3	38.7
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> e	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3031-- RECLAIMED RUBBER											
ESTABLISHMENTS, TOTAL. . . . .	24	1.7	11.8	1.4	2.5	8.9	23.4	19.6	43.8	1.6	5.4
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES. . . . .	3	(Z)	.5	(Z)	.2	.3	1.0	.8	1.9	.1	.3
5 TO 9 EMPLOYEES. . . . .	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
10 TO 19 EMPLOYEES. . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20 TO 49 EMPLOYEES. . . . .	4	.2	1.4	.2	.4	1.1	3.3	2.1	5.6	.1	.4
50 TO 99 EMPLOYEES. . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
100 TO 249 EMPLOYEES. . . . .	5	1.4	10.0	1.1	2.0	7.5	19.1	16.8	36.3	1.3	4.7
250 TO 499 EMPLOYEES. . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> e	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3069-- FABRICATED RUBBER PRODUCTS, NEC											
ESTABLISHMENTS, TOTAL. . . . .	1 189	141.6	923.0	107.6	215.1	618.3	1 740.5	1 404.3	3 139.4	134.6	412.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES. . . . .	267	.5	2.7	.5	.7	1.9	6.4	4.8	11.2	.4	1.1
5 TO 9 EMPLOYEES. . . . .	113	.8	4.7	.6	1.2	3.0	10.3	10.3	20.6	.6	1.9
10 TO 19 EMPLOYEES. . . . .	138	2.0	12.3	1.5	3.1	7.7	27.3	24.8	51.9	11.4	4.3
20 TO 49 EMPLOYEES. . . . .	230	7.5	43.6	6.0	11.9	28.1	95.1	102.8	197.0	13.7	15.8
50 TO 99 EMPLOYEES. . . . .	171	12.3	74.6	9.7	19.8	49.1	164.9	128.6	292.0	8.5	29.0
100 TO 249 EMPLOYEES. . . . .	139	22.0	136.9	17.4	35.9	92.8	256.2	212.7	466.6	24.3	54.3
250 TO 499 EMPLOYEES. . . . .	70	25.2	152.6	19.9	39.9	108.1	296.3	200.1	492.0	19.9	61.9
500 TO 999 EMPLOYEES. . . . .	37	25.9	165.4	19.8	40.6	115.0	308.1	255.9	564.3	17.5	80.7
1,000 TO 2,499 EMPLOYEES. . . . .	20	27.2	180.1	21.1	40.5	127.7	351.7	270.6	622.2	21.8	99.0
2,500 EMPLOYEES OR MORE. . . . .	4	18.2	150.1	11.1	21.5	85.0	224.2	193.7	421.6	16.4	64.0
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> e	270	.7	4.1	.7	1.1	2.8	9.4	6.9	16.3	.5	1.6
3079-- MISCELLANEOUS PLASTICS PRODUCTS											
ESTABLISHMENTS, TOTAL. . . . .	4 996	251.6	1 436.1	204.0	414.9	998.7	2 967.7	2 475.2	5 414.5	332.6	635.3
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES. . . . .	1 437	2.4	12.6	2.4	3.8	9.1	30.9	26.9	57.5	<sup>2</sup> 14.3	6.1
5 TO 9 EMPLOYEES. . . . .	615	4.1	22.8	3.7	6.5	15.9	48.7	45.7	94.0	4.9	8.8
10 TO 19 EMPLOYEES. . . . .	671	9.6	51.7	7.7	14.6	35.1	103.0	95.4	197.4	9.9	18.6
20 TO 49 EMPLOYEES. . . . .	1 031	32.9	174.4	27.2	58.9	121.5	348.8	315.1	661.6	33.1	65.2
50 TO 99 EMPLOYEES. . . . .	600	42.3	230.3	34.8	69.4	160.7	472.4	444.1	912.4	51.6	93.6
100 TO 249 EMPLOYEES. . . . .	469	72.9	405.7	59.7	122.2	285.7	839.1	739.4	1 569.0	109.0	193.8
250 TO 499 EMPLOYEES. . . . .	115	39.6	233.7	31.5	64.1	161.1	482.0	392.9	867.6	38.8	112.3
500 TO 999 EMPLOYEES. . . . .	45	28.9	179.9	22.1	44.9	120.1	391.1	244.4	632.6	37.3	89.6
1,000 TO 2,499 EMPLOYEES. . . . .	13	18.9	125.0	14.8	30.4	89.5	251.6	171.4	422.4	33.7	47.3
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> e	1 519	4.0	19.9	3.9	6.3	14.6	44.9	37.5	82.5	3.5	9.0

See footnotes at end of table.

TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number	Payroll	Number	Man-hours	Wages					
		(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					
3111-- LEATHER TANNING AND FINISHING											
ESTABLISHMENTS, TOTAL . . . . .	519	30.7	186.4	26.4	52.8	142.5	319.4	547.0	870.1	16.7	135.8
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	146	.3	1.8	.2	.4	.9	8.4	31.5	39.8	.5	3.3
5 TO 9 EMPLOYEES . . . . .	52	.3	2.4	.3	.5	1.2	5.7	17.0	22.8	(2)	4.0
10 TO 19 EMPLOYEES . . . . .	63	.9	5.9	.8	1.4	3.8	12.3	25.1	38.4	2.2	4.8
20 TO 49 EMPLOYEES . . . . .	98	3.1	17.3	2.6	5.0	12.8	30.4	62.9	93.5	.9	9.1
50 TO 99 EMPLOYEES . . . . .	73	5.3	29.4	4.5	9.1	22.5	47.1	80.4	128.4	1.9	17.3
100 TO 249 EMPLOYEES . . . . .	57	9.1	50.3	8.1	16.3	40.3	87.4	139.0	225.7	4.1	40.6
250 TO 499 EMPLOYEES . . . . .	25	8.0	52.1	6.9	14.0	40.6	83.7	128.3	214.3	4.3	38.9
500 TO 999 EMPLOYEES . . . . .	4	3.7	27.3	3.1	6.2	20.4	44.2	62.9	107.2	2.7	17.8
1,000 TO 2,499 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> e	141	.4	2.0	.3	.6	1.4	4.8	5.3	10.1	(2)	1.5
3111-11 TANNERIES											
ESTABLISHMENTS, TOTAL . . . . .	314	20.8	130.1	17.9	36.0	99.0	219.3	361.1	584.9	10.7	98.2
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	97	.2	1.0	.2	.3	.7	1.9	3.0	4.9	.5	.5
5 TO 9 EMPLOYEES e . . . . .	32	.2	1.3	.2	.4	.8	2.3	2.8	5.0	(0)	.8
10 TO 19 EMPLOYEES . . . . .	34	.5	3.0	.4	.8	2.0	5.3	11.2	17.0	(0)	2.0
20 TO 49 EMPLOYEES . . . . .	50	1.6	8.4	1.3	2.5	6.4	14.0	23.8	38.2	.3	4.2
50 TO 99 EMPLOYEES . . . . .	41	2.9	16.5	2.5	5.0	12.6	25.8	42.0	68.8	1.0	8.0
100 TO 249 EMPLOYEES . . . . .	35	15.5	99.9	13.4	27.1	76.4	170.0	278.4	450.9	9.1	82.8
250 TO 499 EMPLOYEES . . . . .	21	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
500 TO 999 EMPLOYEES . . . . .	3	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1,000 TO 2,499 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> e	103	.3	1.6	.3	.5	1.2	2.7	3.0	5.8	(2)	.9
3111-22 CONVERTERS											
ESTABLISHMENTS, TOTAL . . . . .	70	1.4	10.0	1.0	2.0	5.2	30.7	137.1	168.4	.6	25.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	34	.1	.6	(2)	(2)	.1	6.4	28.4	34.8	.4	2.8
5 TO 9 EMPLOYEES . . . . .	13	.1	.9	(2)	.1	.2	3.1	13.1	16.2	(0)	3.1
10 TO 19 EMPLOYEES . . . . .	5	.1	.7	(2)	.1	.2	3.7	12.1	16.3	(0)	2.6
20 TO 49 EMPLOYEES . . . . .	10	.5	3.3	.2	.5	1.2	9.3	60.0	69.1	(0)	11.0
50 TO 99 EMPLOYEES . . . . .	3	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
100 TO 249 EMPLOYEES . . . . .	5	.8	4.4	.7	1.4	3.4	8.1	23.6	32.0	.1	5.4
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup>	23	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
3111-33 CONTRACT TANNERIES											
ESTABLISHMENTS, TOTAL . . . . .	135	8.5	46.3	7.5	14.9	38.3	69.4	48.7	116.8	5.4	12.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	15	(2)	.1	(2)	(2)	.1	.1	.1	.2	3.3	(2)
5 TO 9 EMPLOYEES . . . . .	7	(2)	.2	(2)	.1	.2	.4	1.2	1.6	(0)	.1
10 TO 19 EMPLOYEES . . . . .	24	.4	2.2	.3	.6	1.5	3.3	1.8	5.1	(0)	.2
20 TO 49 EMPLOYEES . . . . .	38	3.5	18.4	3.1	6.1	15.1	28.4	17.5	45.8	(0)	3.2
50 TO 99 EMPLOYEES . . . . .	29	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
100 TO 249 EMPLOYEES . . . . .	17	2.7	14.5	2.3	4.7	12.3	21.3	12.3	33.3	1.1	3.0
250 TO 499 EMPLOYEES . . . . .	4	1.9	10.9	1.7	3.3	9.1	15.9	15.9	30.8	.9	6.2
500 TO 999 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup>	15	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
3121-- INDUSTRIAL LEATHER BELTING											
ESTABLISHMENTS, TOTAL . . . . .	67	2.7	15.9	2.0	4.0	10.4	31.5	21.5	53.8	1.1	7.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	25	(2)	.3	(2)	.1	.2	.7	.6	1.4	(2)	.2
5 TO 9 EMPLOYEES e . . . . .	9	.1	.4	(2)	.1	.2	.8	.8	1.7	(0)	.3
10 TO 19 EMPLOYEES . . . . .	9	.1	.8	.1	.2	.5	1.3	1.4	2.7	.1	.3
20 TO 49 EMPLOYEES . . . . .	14	.4	2.4	.3	.6	1.3	4.5	5.2	9.5	.1	1.3
50 TO 99 EMPLOYEES . . . . .	5	.4	2.0	.3	.6	1.4	4.0	3.4	7.3	.1	.9
100 TO 249 EMPLOYEES . . . . .	2	1.6	10.0	1.3	2.5	6.9	20.2	10.1	31.1	.8	4.7
250 TO 499 EMPLOYEES . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
500 TO 999 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> e	27	.1	.5	.1	.1	.3	1.2	1.0	2.3	(2)	.4

See footnotes at end of table.



TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establish- ments (number)	All employees		Production workers			Value added by manufac- ture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expendi- tures, new (million dollars)	End-of- year inventories (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					
3131-- FOOTWEAR CUT STOCK											
ESTABLISHMENTS, TOTAL . . . . .	379	13.7	59.9	12.2	22.7	45.8	109.2	153.5	262.8	2.7	25.1
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	101	.2	.8	.2	.3	.6	2.0	2.7	4.7	(Z)	.4
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	31	.2	1.0	.2	.4	.8	1.7	1.9	3.7	(Z)	.3
10 TO 19 EMPLOYEES . . . . .	58	.9	4.0	.8	1.4	2.9	7.1	9.8	17.1	.2	1.5
20 TO 49 EMPLOYEES . . . . .	95	3.1	13.4	2.7	4.9	10.1	23.9	39.4	63.2	.5	5.6
50 TO 99 EMPLOYEES . . . . .	56	3.9	16.8	3.4	6.2	12.6	30.6	39.8	70.0	1.0	7.0
100 TO 249 EMPLOYEES . . . . .	37	5.5	24.0	5.0	9.5	18.8	43.9	59.9	104.1	1.1	10.3
250 TO 499 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1e</sup>	116	.3	1.4	.3	.6	1.1	3.0	3.7	6.7	(Z)	.6
3141-- SHOES, EXCEPT RUBBER											
ESTABLISHMENTS, TOTAL . . . . .	951	198.5	835.3	180.0	333.7	680.8	1 525.7	1 241.7	2 770.5	25.2	336.2
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	124	.2	.8	.2	.3	.7	3.4	3.2	6.5	-	.6
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	46	.3	1.2	.3	.5	1.0	2.3	1.8	4.2	(Z)	.4
10 TO 19 EMPLOYEES . . . . .	39	.6	2.6	.5	1.0	2.0	5.9	5.0	10.9	(Z)	1.2
20 TO 49 EMPLOYEES . . . . .	75	2.5	9.1	2.2	3.8	7.3	15.0	10.4	25.6	.2	2.8
50 TO 99 EMPLOYEES . . . . .	94	7.3	29.8	6.5	12.1	23.3	50.3	48.9	98.7	1.5	11.4
100 TO 249 EMPLOYEES . . . . .	220	37.7	153.5	33.9	61.7	122.5	262.3	200.5	461.8	4.9	60.6
250 TO 499 EMPLOYEES . . . . .	283	100.6	416.3	92.4	171.4	348.9	803.9	646.7	1 448.7	12.5	158.4
500 TO 999 EMPLOYEES . . . . .	63	40.1	172.4	36.0	67.8	138.5	290.6	273.3	567.9	5.0	74.8
1,000 TO 2,499 EMPLOYEES . . . . .	7	9.4	49.6	8.1	15.1	36.7	91.7	51.8	145.9	.9	26.0
ESTABS. COVERED BY ADMIN. RECORDS <sup>1e</sup>	142	.4	1.6	.4	.7	1.3	3.0	2.3	5.3	(Z)	.6
3142-- HOUSE SLIPPERS											
ESTABLISHMENTS, TOTAL . . . . .	132	12.5	53.2	11.0	20.5	40.0	94.2	86.8	181.0	1.3	25.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	18	(Z)	.1	(Z)	(Z)	.1	.3	.2	.5	-	.1
5 TO 9 EMPLOYEES . . . . .	11	.1	.4	.1	.1	.3	1.6	4.0	6.0	-	.7
10 TO 19 EMPLOYEES . . . . .	11	.2	.9	.1	.3	.6	2.8	5.1	7.8	(Z)	1.1
20 TO 49 EMPLOYEES . . . . .	23	.7	3.0	.7	1.2	2.4	5.3	3.4	8.6	(Z)	1.1
50 TO 99 EMPLOYEES . . . . .	25	1.8	7.1	1.7	3.1	6.1	11.1	10.5	21.4	.2	2.3
100 TO 249 EMPLOYEES . . . . .	31	4.8	18.9	4.2	7.5	14.2	35.9	32.8	68.6	.5	10.0
250 TO 499 EMPLOYEES . . . . .	12	4.8	22.9	4.2	8.4	16.4	37.2	30.8	68.2	.5	9.8
500 TO 999 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1e</sup>	23	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
3151-- LEATHER GLOVES AND MITTENS											
ESTABLISHMENTS, TOTAL . . . . .	147	6.3	22.4	5.6	9.9	17.9	36.3	49.3	86.7	.8	14.2
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	32	(Z)	.2	(Z)	.1	.1	.5	.6	1.1	(Z)	.2
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	20	.1	.5	.1	.2	.4	1.4	2.0	3.5	(0)	.5
10 TO 19 EMPLOYEES . . . . .	24	.3	1.0	.3	.5	.9	1.7	1.8	3.6	(Z)	.5
20 TO 49 EMPLOYEES . . . . .	27	.9	3.1	.8	1.5	2.6	5.6	5.3	10.9	.1	1.6
50 TO 99 EMPLOYEES . . . . .	25	1.7	6.1	1.6	2.7	5.0	8.9	12.4	21.3	.5	3.5
100 TO 249 EMPLOYEES . . . . .	18	3.2	11.6	2.8	5.0	8.9	18.2	27.4	46.3	.1	7.7
250 TO 499 EMPLOYEES . . . . .	-	-	-	-	-	-	-	-	-	-	-
500 TO 999 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1,000 TO 2,499 EMPLOYEES . . . . .	-	-	-	-	-	-	-	-	-	-	-
2,500 EMPLOYEES OR MORE . . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN. RECORDS <sup>1e</sup>	54	.3	.8	.3	.4	.7	1.8	1.8	3.6	(Z)	.6
3161-- LUGGAGE											
ESTABLISHMENTS, TOTAL . . . . .	333	21.4	96.6	18.4	34.2	69.4	186.0	155.2	334.2	8.8	45.3
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	85	.1	.6	.1	.2	.5	1.6	1.4	3.0	(Z)	(Z)
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	39	.3	1.1	.3	.5	1.0	2.1	1.8	3.9	(0)	.1
10 TO 19 EMPLOYEES . . . . .	53	.7	3.5	.7	1.3	2.8	6.0	5.1	11.1	.1	.3
20 TO 49 EMPLOYEES . . . . .	67	2.0	8.9	1.8	3.2	6.8	15.7	13.1	28.7	.3	.8
50 TO 99 EMPLOYEES . . . . .	37	2.6	10.9	2.3	4.5	8.6	18.8	17.7	36.8	.5	1.6
100 TO 249 EMPLOYEES . . . . .	38	5.8	24.6	5.0	9.3	17.2	44.5	42.7	86.9	.7	10.4
250 TO 499 EMPLOYEES . . . . .	7	2.1	8.2	1.9	3.5	6.1	14.5	16.8	30.9	.4	4.4
500 TO 999 EMPLOYEES . . . . .	5	7.8	38.8	6.3	11.7	26.5	82.8	56.7	132.9	6.7	27.7
1,000 TO 2,499 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2,500 EMPLOYEES OR MORE . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1e</sup>	108	.4	1.4	.4	.6	1.2	3.1	2.8	5.9	(Z)	.1

See footnotes at end of table.

TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establish- ments  (number)	All employees		Production workers			Value added by manufac- ture  (million dollars)	Cost of materials  (million dollars)	Value of shipments  (million dollars)	Capital expendi- tures, new  (million dollars)	End-of- year inven- tories  (million dollars)
		Number	Payroll	Number	Man-hours	Wages					
		(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					
3171-- WOMEN'S HANDBAGS AND PURSES											
ESTABLISHMENTS, TOTAL . . . . .	496	24.1	104.5	21.7	41.7	82.8	173.6	154.2	327.2	2.1	26.1
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	113	.2	.9	.2	.3	.7	2.0	2.5	4.5	(Z)	.3
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	56	.4	1.6	.4	.6	1.4	2.7	2.1	4.8	(D)	.3
10 TO 19 EMPLOYEES . . . . .	80	1.1	5.0	1.0	1.8	4.0	8.7	6.5	15.2	.1	.8
20 TO 49 EMPLOYEES . . . . .	99	3.1	14.5	2.8	5.3	11.1	25.7	24.3	50.1	.4	4.1
50 TO 99 EMPLOYEES . . . . .	72	4.9	21.0	4.4	8.4	16.8	35.0	31.4	66.2	.3	5.1
100 TO 249 EMPLOYEES . . . . .	60	9.1	38.0	8.2	15.9	30.2	61.2	52.0	112.9	.8	9.1
250 TO 499 EMPLOYEES . . . . .	15	5.4	23.4	4.8	9.3	18.8	38.4	35.3	73.5	.6	6.4
500 TO 999 EMPLOYEES . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1,000 TO 2,499 EMPLOYEES . . . . .	-	-	-	-	-	-	-	-	-	-	-
2,500 EMPLOYEES OR MORE . . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTAB5. COVERED BY ADMIN. RECORDS <sup>1e</sup>	158	.6	2.4	.6	1.0	2.1	4.4	3.3	7.7	(Z)	.5
3172-- PERSONAL LEATHER GOODS											
ESTABLISHMENTS, TOTAL . . . . .	296	12.7	58.2	10.7	19.7	38.4	105.1	80.9	186.2	2.0	26.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	104	.2	.8	.2	.3	.6	1.9	2.0	3.9	(Z)	.5
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	41	.3	1.2	.3	.5	.9	2.2	2.3	4.4	(D)	.5
10 TO 19 EMPLOYEES . . . . .	46	.6	3.2	.5	1.0	2.2	5.8	4.0	9.7	.1	1.0
20 TO 49 EMPLOYEES . . . . .	52	1.7	7.0	1.5	2.8	5.2	12.7	11.1	23.8	.4	2.2
50 TO 99 EMPLOYEES . . . . .	21	1.5	7.3	1.2	2.4	4.9	12.6	9.9	22.6	.4	3.7
100 TO 249 EMPLOYEES . . . . .	24	4.3	17.2	3.7	6.7	12.7	30.7	24.1	54.6	.6	6.6
250 TO 499 EMPLOYEES . . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
500 TO 999 EMPLOYEES . . . . .	6	4.2	21.6	3.2	6.0	12.0	39.2	27.6	67.1	.6	11.6
1,000 TO 2,499 EMPLOYEES . . . . .	-	-	-	-	-	-	-	-	-	-	-
2,500 EMPLOYEES OR MORE . . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTAB5. COVERED BY ADMIN. RECORDS <sup>1e</sup>	131	.4	1.7	.4	.7	1.3	3.4	3.6	7.0	(Z)	.9
3199-- LEATHER GOODS, NEC											
ESTABLISHMENTS, TOTAL . . . . .	365	6.1	26.4	5.3	10.0	19.0	45.5	50.8	96.5	1.4	12.4
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	171	.3	1.1	.3	.5	.8	2.7	2.4	5.1	(Z)	.6
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	59	.4	1.7	.4	.8	1.3	3.5	3.9	7.5	.1	.9
10 TO 19 EMPLOYEES . . . . .	52	.7	3.4	.6	1.2	2.3	5.5	6.5	12.0	.2	1.7
20 TO 49 EMPLOYEES . . . . .	55	1.7	7.4	1.5	2.8	5.4	12.8	11.6	24.3	.6	3.2
50 TO 99 EMPLOYEES . . . . .	21	1.4	6.8	1.2	2.3	4.5	10.8	12.2	22.8	.3	2.9
100 TO 249 EMPLOYEES . . . . .	6	1.6	6.1	1.4	2.4	4.5	10.3	14.3	24.7	.3	3.2
250 TO 499 EMPLOYEES . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
500 TO 999 EMPLOYEES . . . . .	-	-	-	-	-	-	-	-	-	-	-
1,000 TO 2,499 EMPLOYEES . . . . .	-	-	-	-	-	-	-	-	-	-	-
2,500 EMPLOYEES OR MORE . . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTAB5. COVERED BY ADMIN. RECORDS <sup>1e</sup>	216	.7	2.7	.7	1.3	2.1	6.0	5.4	11.4	.1	1.5
3211-- FLAT GLASS											
ESTABLISHMENTS, TOTAL . . . . .	64	23.9	196.6	19.8	40.2	157.6	422.9	194.7	611.3	59.9	93.1
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	10	(Z)	.1	(Z)	(Z)	.1	.3	.3	.6	<sup>2</sup> 11.1	.1
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	6	(Z)	.3	(Z)	.1	.2	1.4	.3	1.7	(D)	.1
10 TO 19 EMPLOYEES . . . . .	9	.1	.8	.1	.2	.6	1.3	1.3	2.5	(D)	.3
20 TO 49 EMPLOYEES . . . . .	6	.2	1.6	.2	.4	1.1	3.3	1.9	5.1	(D)	.5
50 TO 99 EMPLOYEES . . . . .	6	.7	5.0	.6	1.2	3.2	8.9	6.8	15.2	.7	3.3
100 TO 249 EMPLOYEES . . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
250 TO 499 EMPLOYEES . . . . .	7	2.5	18.2	2.0	4.1	13.8	37.6	13.2	48.7	5.0	8.8
500 TO 999 EMPLOYEES . . . . .	9	6.2	50.9	5.3	10.9	43.3	95.6	41.3	138.3	9.9	24.9
1,000 TO 2,499 EMPLOYEES . . . . .	8	14.1	119.8	11.6	23.3	95.2	274.4	129.5	399.1	23.1	55.3
2,500 EMPLOYEES OR MORE . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTAB5. COVERED BY ADMIN. RECORDS <sup>1e</sup>	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3221-- GLASS CONTAINERS											
ESTABLISHMENTS, TOTAL . . . . .	120	66.7	426.1	59.4	119.4	362.3	842.2	489.1	1 352.4	70.8	154.3
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	7	(Z)	(Z)	(Z)	(Z)	(Z)	.2	.2	.2	<sup>2</sup> .9	(Z)
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
10 TO 19 EMPLOYEES . . . . .	-	-	-	-	-	-	-	-	-	-	-
20 TO 49 EMPLOYEES . . . . .	2	.2	1.0	.1	.2	.8	2.3	.4	2.6	(D)	.1
50 TO 99 EMPLOYEES . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
100 TO 249 EMPLOYEES . . . . .	14	2.7	17.1	2.4	5.1	14.3	37.4	23.4	61.7	4.2	6.5
250 TO 499 EMPLOYEES . . . . .	50	17.8	110.3	15.9	32.1	93.2	218.8	153.8	377.7	17.8	48.6
500 TO 999 EMPLOYEES . . . . .	32	23.7	150.3	21.1	42.6	128.1	305.6	168.8	482.6	31.6	55.7
1,000 TO 2,499 EMPLOYEES . . . . .	11	22.4	147.4	19.9	39.4	125.8	277.9	142.6	427.4	16.4	43.3
2,500 EMPLOYEES OR MORE . . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTAB5. COVERED BY ADMIN. RECORDS <sup>1e</sup>	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.



TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number	Payroll	Number	Man-hours	Wages					
		(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					
3229-- PRESSED AND BLOWN GLASS, NEC											
ESTABLISHMENTS, TOTAL. . . . .	185	42.5	262.3	36.5	72.2	211.6	658.9	237.2	886.2	81.9	128.6
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	49	.1	.4	.1	.1	.3	1.1	.4	1.6	<sup>2.5</sup> (D)	.2
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	13	.1	.7	.1	.2	.5	1.1	.6	1.7	(D)	.1
10 TO 19 EMPLOYEES <sup>e</sup> . . . . .	10	.2	.8	.1	.2	.6	1.1	.7	1.8	(D)	.2
20 TO 49 EMPLOYEES <sup>e</sup> . . . . .	15	.5	2.8	.4	.8	2.0	4.9	2.4	7.4	.7	.8
50 TO 99 EMPLOYEES <sup>e</sup> . . . . .	14	1.0	5.6	.8	1.6	4.3	10.7	6.2	16.3	.4	2.3
100 TO 249 EMPLOYEES <sup>e</sup> . . . . .	37	5.7	32.3	4.9	9.6	25.5	69.9	22.2	91.6	24.6	10.1
250 TO 499 EMPLOYEES <sup>e</sup> . . . . .	18	6.3	38.7	5.4	10.7	30.4	106.5	29.1	132.7	15.7	21.0
500 TO 999 EMPLOYEES <sup>e</sup> . . . . .	17	11.5	73.4	9.9	20.0	60.1	216.1	87.2	299.4	14.7	34.6
1,000 TO 2,499 EMPLOYEES <sup>e</sup> . . . . .	12	17.2	107.6	14.7	29.0	87.9	247.4	88.3	333.7	25.3	59.4
2,500 EMPLOYEES OR MORE <sup>e</sup> . . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABLS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	50	.1	.6	.1	.2	.5	1.4	.5	1.9	(Z)	.3
3231-- PRODUCTS OF PURCHASED GLASS											
ESTABLISHMENTS, TOTAL. . . . .	887	29.2	182.1	23.9	47.4	134.7	393.9	407.2	794.7	21.9	133.6
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	393	.7	3.3	.7	1.1	2.6	8.2	5.7	13.9	<sup>2.2</sup> (D)	2.4
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	127	.8	4.9	.8	1.4	3.8	10.1	6.8	16.9	.4	2.0
10 TO 19 EMPLOYEES <sup>e</sup> . . . . .	109	1.5	8.7	1.2	2.4	6.1	17.1	14.7	31.5	1.3	3.5
20 TO 49 EMPLOYEES <sup>e</sup> . . . . .	132	4.2	24.1	3.4	6.8	17.0	46.3	44.6	91.2	5.0	10.9
50 TO 99 EMPLOYEES <sup>e</sup> . . . . .	61	4.3	23.9	3.6	7.2	17.2	45.6	38.9	84.1	2.0	12.0
100 TO 249 EMPLOYEES <sup>e</sup> . . . . .	41	6.3	36.1	5.0	9.8	25.5	64.0	76.8	141.3	3.1	21.6
250 TO 499 EMPLOYEES <sup>e</sup> . . . . .	16	5.2	32.9	4.2	8.5	24.5	73.5	89.0	158.5	5.5	35.7
500 TO 999 EMPLOYEES <sup>e</sup> . . . . .	7	6.1	48.2	5.0	10.3	38.0	129.0	130.8	257.4	4.4	45.5
1,000 TO 2,499 EMPLOYEES <sup>e</sup> . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2,500 EMPLOYEES OR MORE <sup>e</sup> . . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABLS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	417	1.0	5.0	1.0	1.6	3.8	10.6	9.1	20.0	.4	3.3
3241-- CEMENT, HYDRAULIC											
ESTABLISHMENTS, TOTAL. . . . .	197	32.6	247.7	26.2	52.5	184.4	812.3	439.2	1 246.5	90.5	204.3
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	12	(Z)	.1	(Z)	(Z)	.1	.4	.3	.7	12.2	.1
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
10 TO 19 EMPLOYEES <sup>e</sup> . . . . .	4	.1	.4	(Z)	.1	.3	2.6	2.6	5.5	(D)	.6
20 TO 49 EMPLOYEES <sup>e</sup> . . . . .	4	.1	.9	.1	.2	.6	1.6	1.7	2.6	(D)	.3
50 TO 99 EMPLOYEES <sup>e</sup> . . . . .	30	2.4	19.1	1.9	3.9	14.1	77.3	44.6	120.8	11.3	21.1
100 TO 249 EMPLOYEES <sup>e</sup> . . . . .	115	18.7	138.8	15.3	30.9	106.2	470.8	248.8	716.4	46.3	113.5
250 TO 499 EMPLOYEES <sup>e</sup> . . . . .	27	8.3	63.6	6.5	12.9	46.0	182.5	99.3	283.7	14.7	42.3
500 TO 999 EMPLOYEES <sup>e</sup> . . . . .	3	3.0	24.9	2.3	4.7	17.2	76.8	42.1	116.8	6.0	26.5
1,000 TO 2,499 EMPLOYEES <sup>e</sup> . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABLS. COVERED BY ADMIN. RECORDS <sup>1</sup>	8	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3251-- BRICK AND STRUCTURAL CLAY TILE											
ESTABLISHMENTS, TOTAL. . . . .	482	27.5	143.8	23.3	47.9	109.8	251.1	114.8	362.0	27.1	60.6
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	55	.1	.5	.1	.2	.4	1.4	.7	2.1	6.8	.4
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	20	.1	.6	.1	.2	.5	1.3	.5	1.8	(D)	.3
10 TO 19 EMPLOYEES <sup>e</sup> . . . . .	44	.6	3.4	.5	1.1	2.4	4.5	3.6	8.1	(D)	1.0
20 TO 49 EMPLOYEES <sup>e</sup> . . . . .	155	5.4	27.4	4.6	9.4	21.5	47.3	25.6	73.0	4.8	14.1
50 TO 99 EMPLOYEES <sup>e</sup> . . . . .	145	9.9	53.0	8.5	17.7	40.6	94.4	40.2	131.8	6.0	21.5
100 TO 249 EMPLOYEES <sup>e</sup> . . . . .	53	7.6	41.4	6.5	13.5	31.7	75.1	32.4	106.2	7.8	16.3
250 TO 499 EMPLOYEES <sup>e</sup> . . . . .	9	3.7	17.4	3.1	5.9	12.6	27.2	11.9	39.1	1.7	6.9
500 TO 999 EMPLOYEES <sup>e</sup> . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABLS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	59	.2	.9	.2	.3	.7	1.9	1.0	2.9	.2	.5
3253-- CERAMIC WALL AND FLOOR TILE											
ESTABLISHMENTS, TOTAL. . . . .	80	10.6	60.6	8.5	17.6	41.8	105.9	54.9	160.5	4.7	35.2
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	9	(Z)	.1	(Z)	(Z)	(Z)	.2	.1	.3	.1	(Z)
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	3	(Z)	.2	(Z)	(Z)	.1	.3	.1	.4	(D)	(Z)
10 TO 19 EMPLOYEES <sup>e</sup> . . . . .	9	.1	.7	.1	.2	.5	.6	.4	1.3	(Z)	.2
20 TO 49 EMPLOYEES <sup>e</sup> . . . . .	16	.6	2.5	.5	1.0	1.9	3.8	2.6	6.6	.2	1.2
50 TO 99 EMPLOYEES <sup>e</sup> . . . . .	10	.8	3.5	.7	1.4	2.7	5.4	3.3	8.4	.4	2.0
100 TO 249 EMPLOYEES <sup>e</sup> . . . . .	22	3.6	20.0	2.9	6.3	14.0	36.7	18.5	55.6	1.8	11.0
250 TO 499 EMPLOYEES <sup>e</sup> . . . . .	7	2.3	12.4	1.9	3.8	8.5	24.9	15.1	39.9	1.2	8.5
500 TO 999 EMPLOYEES <sup>e</sup> . . . . .	3	3.2	21.4	2.4	5.0	14.0	34.0	14.7	47.9	1.1	12.2
1,000 TO 2,499 EMPLOYEES <sup>e</sup> . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABLS. COVERED BY ADMIN. RECORDS <sup>1</sup>	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number	Payroll	Number	Man-hours	Wages					
		(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					
325S-- CLAY REFRACTORIES											
ESTABLISHMENTS, TOTAL. . . . .	145	12.6	84.3	10.1	19.2	59.2	151.4	97.4	246.1	17.9	65.6
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>a</sup> . . . . .	17	(2)	.1	(2)	(2)	.1	.2	.1	.3	.1	.1
5 TO 9 EMPLOYEES <sup>a</sup> . . . . .	11	.1	.4	.1	.1	.3	.6	.6	1.4	(2)	.2
10 TO 19 EMPLOYEES <sup>a</sup> . . . . .	10	.2	.9	.1	.2	.5	2.4	2.1	4.4	.1	.5
20 TO 49 EMPLOYEES <sup>a</sup> . . . . .	37	1.3	7.2	1.1	2.0	5.6	16.1	11.4	27.6	.8	5.7
50 TO 99 EMPLOYEES <sup>a</sup> . . . . .	37	2.6	16.6	2.1	4.0	12.5	30.0	20.4	50.6	3.8	10.0
100 TO 249 EMPLOYEES <sup>a</sup> . . . . .	25	5.5	35.6	4.6	8.6	28.0	68.1	40.3	107.0	8.3	29.8
250 TO 499 EMPLOYEES <sup>a</sup> . . . . .	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
500 TO 999 EMPLOYEES <sup>a</sup> . . . . .	2	3.0	23.4	2.1	4.1	12.1	34.1	22.6	54.7	4.7	19.3
1,000 TO 2,499 EMPLOYEES <sup>a</sup> . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup>	18	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3259-- STRUCTURAL CLAY PRODUCTS, NEC											
ESTABLISHMENTS, TOTAL. . . . .	144	9.7	55.2	8.1	16.5	42.9	103.4	48.7	152.9	9.7	29.7
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>a</sup> . . . . .	26	(2)	.2	(2)	.1	.2	.4	.2	.7	3.2	.1
5 TO 9 EMPLOYEES <sup>a</sup> . . . . .	9	.1	.4	.1	.1	.3	.8	.4	1.1	(D)	.1
10 TO 19 EMPLOYEES <sup>a</sup> . . . . .	14	.2	1.2	.2	.4	.9	2.2	1.5	3.8	(D)	.5
20 TO 49 EMPLOYEES <sup>a</sup> . . . . .	34	1.1	6.3	.9	1.9	4.8	11.5	5.4	17.2	.8	2.1
50 TO 99 EMPLOYEES <sup>a</sup> . . . . .	28	2.1	12.4	1.7	3.8	9.2	26.1	11.4	38.0	1.9	6.7
100 TO 249 EMPLOYEES <sup>a</sup> . . . . .	28	4.4	25.3	3.7	7.5	19.8	44.2	21.2	64.9	2.6	14.2
250 TO 499 EMPLOYEES <sup>a</sup> . . . . .	4	1.7	9.4	1.4	2.8	7.6	18.1	8.6	27.2	1.3	6.1
500 TO 999 EMPLOYEES <sup>a</sup> . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> <sup>e</sup>	27	.1	.3	.1	.1	.3	.6	.3	.9	.1	.1
3261-- VITREOUS PLUMBING FIXTURES											
ESTABLISHMENTS, TOTAL. . . . .	51	8.4	56.5	7.0	13.8	45.7	111.4	58.5	170.0	2.6	26.6
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>a</sup> . . . . .	9	(2)	.3	(2)	(2)	.1	.5	.4	.7	(2)	.1
5 TO 9 EMPLOYEES <sup>a</sup> . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
10 TO 19 EMPLOYEES <sup>a</sup> . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20 TO 49 EMPLOYEES <sup>a</sup> . . . . .	4	.1	.4	.1	.2	.3	.9	.5	1.4	(2)	.1
50 TO 99 EMPLOYEES <sup>a</sup> . . . . .	7	.5	3.1	.5	.9	2.7	4.9	2.7	7.6	.1	1.0
100 TO 249 EMPLOYEES <sup>a</sup> . . . . .	17	2.7	18.3	2.2	4.2	14.2	35.5	22.0	57.8	.6	9.4
250 TO 499 EMPLOYEES <sup>a</sup> . . . . .	9	5.0	34.5	4.2	8.4	28.4	69.7	33.0	102.4	1.9	15.9
500 TO 999 EMPLOYEES <sup>a</sup> . . . . .	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup>	8	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3262-- VITREOUS CHINA FOOD UTENSILS											
ESTABLISHMENTS, TOTAL. . . . .	39	7.0	36.1	6.0	11.2	27.3	55.8	12.7	67.2	1.9	15.2
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>a</sup> . . . . .	7	(2)	.2	(2)	(2)	(2)	.3	.2	.5	(2)	.1
5 TO 9 EMPLOYEES <sup>a</sup> . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
10 TO 19 EMPLOYEES <sup>a</sup> . . . . .	3	(2)	.2	(2)	.1	.1	.2	.1	.3	-	(2)
20 TO 49 EMPLOYEES <sup>a</sup> . . . . .	8	.3	1.0	.2	.4	.9	1.4	.4	1.7	(D)	.3
50 TO 99 EMPLOYEES <sup>a</sup> . . . . .	7	.5	2.2	.4	.8	1.7	2.8	1.0	3.9	.3	.6
100 TO 249 EMPLOYEES <sup>a</sup> . . . . .	4	.6	2.6	.5	.9	2.1	3.0	.7	4.1	(D)	(D)
250 TO 499 EMPLOYEES <sup>a</sup> . . . . .	6	2.2	11.0	2.0	3.5	8.5	15.4	4.9	19.4	.4	5.2
1,000 TO 2,499 EMPLOYEES <sup>a</sup> . . . . .	3	3.4	19.0	2.8	5.4	13.9	32.6	5.5	37.2	1.2	8.1
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup>	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3263-- FINE EARTHENWARE FOOD UTENSILS											
ESTABLISHMENTS, TOTAL. . . . .	21	5.9	27.5	5.3	9.8	22.6	34.6	12.4	47.1	1.0	10.1
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>a</sup> . . . . .	1	(2)	.1	(2)	(2)	.1	.1	.1	.2	(2)	(2)
5 TO 9 EMPLOYEES <sup>a</sup> . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
10 TO 19 EMPLOYEES <sup>a</sup> . . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20 TO 49 EMPLOYEES <sup>a</sup> . . . . .	3	.2	.9	.2	.4	.7	1.2	.4	1.7	(2)	.1
50 TO 99 EMPLOYEES <sup>a</sup> . . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
100 TO 249 EMPLOYEES <sup>a</sup> . . . . .	6	1.7	7.4	1.4	2.7	5.8	10.0	3.1	13.3	.2	1.8
250 TO 499 EMPLOYEES <sup>a</sup> . . . . .	1	.5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
500 TO 999 EMPLOYEES <sup>a</sup> . . . . .	4	4.0	19.0	3.7	6.7	15.9	23.3	8.8	31.8	.9	8.0
1,000 TO 2,499 EMPLOYEES <sup>a</sup> . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup>	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnote at end of table.



TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					
3264-- PORCELAIN ELECTRICAL SUPPLIES											
ESTABLISHMENTS, TOTAL . . . . .	74	13.4	89.9	11.0	22.2	67.5	153.5	76.0	225.0	21.4	35.6
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES . . . . .	11	(2)	.1	(2)	(2)	(2)	.1	(2)	.2	<sup>2</sup> 9.4	(2)
5 TO 9 EMPLOYEES . . . . .	3	(2)	.1	(2)	(2)	.1	.2	.1	.3	(0)	(0)
10 TO 19 EMPLOYEES . . . . .	10	.1	.8	.1	.2	.6	1.7	1.6	3.1	(0)	(0)
20 TO 49 EMPLOYEES . . . . .	11	.4	2.3	.3	.6	1.4	4.2	2.0	6.1	.2	1.3
50 TO 99 EMPLOYEES . . . . .	9	.6	3.3	.5	1.0	2.4	4.9	1.2	6.2	.3	.5
100 TO 249 EMPLOYEES . . . . .	16	2.5	15.5	2.1	4.3	11.1	27.6	13.4	39.5	3.2	6.4
250 TO 499 EMPLOYEES . . . . .	6	2.0	11.7	1.8	3.6	9.7	25.3	7.3	32.4	1.2	3.9
500 TO 999 EMPLOYEES . . . . .	4	3.0	22.3	2.3	4.7	16.4	28.6	16.5	44.7	2.1	5.0
1 000 TO 2 499 EMPLOYEES . . . . .	4	4.8	33.8	3.8	7.7	25.8	60.8	33.8	92.6	4.9	18.0
ESTABS. COVERED BY ADMIN. RECORDS <sup>1e</sup>	7	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
3269-- POTTERY PRODUCTS, NEC											
ESTABLISHMENTS, TOTAL . . . . .	434	7.9	37.0	6.7	13.1	27.0	63.4	33.7	96.1	3.0	10.7
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES . . . . .	247	.4	1.4	.4	.6	1.1	3.6	1.7	5.2	.3	.6
5 TO 9 EMPLOYEES . . . . .	53	.4	1.5	.3	.6	1.1	2.7	1.5	4.1	.2	.5
10 TO 19 EMPLOYEES . . . . .	38	.5	2.2	.5	.8	1.7	3.6	1.7	5.3	.3	.5
20 TO 49 EMPLOYEES . . . . .	56	1.9	8.7	1.6	3.0	6.0	14.1	5.8	20.0	.4	2.2
50 TO 99 EMPLOYEES . . . . .	22	1.4	7.6	1.2	2.5	5.9	14.1	5.7	19.8	.8	2.2
100 TO 249 EMPLOYEES . . . . .	15	2.3	10.6	2.0	4.3	8.3	17.5	6.7	24.1	.7	2.6
250 TO 499 EMPLOYEES . . . . .	3	1.0	5.1	.7	1.3	2.9	7.9	10.6	17.7	.3	2.1
ESTABS. COVERED BY ADMIN. RECORDS <sup>1e</sup>	256	.6	2.0	.6	.9	1.6	4.6	2.2	6.8	.4	.8
3271-- CONCRETE BLOCK AND BRICK											
ESTABLISHMENTS, TOTAL . . . . .	1 599	21.1	130.1	14.6	30.6	77.0	274.2	276.1	550.1	30.5	60.8
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES . . . . .	568	.9	4.7	.9	1.5	3.4	13.0	13.8	26.6	3.8	3.3
5 TO 9 EMPLOYEES . . . . .	282	1.9	11.8	1.5	3.0	7.6	25.5	26.2	51.6	3.0	6.2
10 TO 19 EMPLOYEES . . . . .	400	5.6	33.7	3.8	8.0	20.0	74.1	75.7	149.3	9.2	17.8
20 TO 49 EMPLOYEES . . . . .	288	8.4	52.7	5.5	11.9	29.6	107.6	109.8	217.5	10.5	22.2
50 TO 99 EMPLOYEES . . . . .	58	3.9	24.6	2.6	5.7	15.0	49.5	45.7	95.5	3.7	10.1
100 TO 249 EMPLOYEES . . . . .	3	.3	2.5	.2	.5	1.5	4.6	4.9	9.5	.4	1.2
ESTABS. COVERED BY ADMIN. RECORDS <sup>1e</sup>	621	1.4	6.8	1.4	2.2	4.8	16.6	18.8	35.4	2.2	4.5
3272-- CONCRETE PRODUCTS, NEC											
ESTABLISHMENTS, TOTAL . . . . .	3 412	56.8	351.1	45.4	94.2	247.9	722.6	487.9	1 201.1	73.8	159.1
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES . . . . .	1 567	2.7	13.5	2.7	4.5	9.9	34.3	23.8	58.6	4.9	7.1
5 TO 9 EMPLOYEES . . . . .	551	3.7	20.9	3.2	6.2	14.7	42.2	27.0	69.4	3.8	7.8
10 TO 19 EMPLOYEES . . . . .	492	6.8	39.0	5.2	10.7	26.6	78.8	48.7	127.4	27.0	14.3
20 TO 49 EMPLOYEES . . . . .	517	15.8	95.0	12.5	26.6	67.4	197.3	134.7	331.7	14.4	42.6
50 TO 99 EMPLOYEES . . . . .	200	13.7	88.0	10.8	22.6	62.2	185.1	119.5	298.4	12.0	43.5
100 TO 249 EMPLOYEES . . . . .	75	10.4	67.1	8.3	18.0	48.2	137.9	98.5	232.5	8.9	31.2
250 TO 499 EMPLOYEES . . . . .	9	<u>2.6</u>	<u>27.6</u>	<u>2.8</u>	<u>5.5</u>	<u>18.9</u>	<u>47.0</u>	<u>35.6</u>	<u>83.1</u>	<u>3.0</u>	<u>12.5</u>
500 TO 999 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1e</sup>	1 596	3.7	17.3	3.7	6.1	12.8	41.6	28.8	70.4	4.9	9.2
3273-- READY-MIXED CONCRETE											
ESTABLISHMENTS, TOTAL . . . . .	4 760	74.5	508.8	49.2	100.7	308.6	1,155.5	1,529.2	2,684.2	136.9	87.0
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES . . . . .	1 640	3.3	20.2	3.1	4.6	14.5	72.5	109.8	182.3	8.5	5.2
5 TO 9 EMPLOYEES . . . . .	859	5.9	37.1	4.1	8.4	24.4	99.6	136.5	235.8	13.3	6.8
10 TO 19 EMPLOYEES . . . . .	1 111	15.5	101.5	10.1	20.9	61.1	241.3	318.4	560.4	29.3	18.5
20 TO 49 EMPLOYEES . . . . .	908	26.5	179.8	16.5	34.4	104.2	393.3	536.9	929.5	45.1	31.5
50 TO 99 EMPLOYEES . . . . .	169	11.4	80.6	7.7	16.1	52.4	164.2	210.7	374.9	20.3	11.6
100 TO 249 EMPLOYEES . . . . .	68	9.5	67.3	6.4	13.4	41.2	140.0	181.6	321.1	17.0	11.4
250 TO 499 EMPLOYEES . . . . .	4	<u>2.4</u>	<u>22.4</u>	<u>1.2</u>	<u>2.8</u>	<u>10.8</u>	<u>44.6</u>	<u>35.4</u>	<u>80.1</u>	<u>3.4</u>	<u>1.9</u>
1 000 TO 2 499 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1e</sup>	1 353	3.2	18.2	3.0	4.3	12.9	53.7	69.8	123.4	6.7	3.6

See footnotes at end of table.

TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)											
Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number	Payroll	Number	Man-hours	Wages					
		(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					
3274-- LIME											
ESTABLISHMENTS, TOTAL . . . . .	116	6.8	42.6	5.7	12.0	33.4	100.1	76.8	176.5	17.7	15.8
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>o</sup> . . . . .	22	(Z)	.2	(Z)	.1	.2	1.0	.4	1.4	.1	.1
5 TO 9 EMPLOYEES <sup>o</sup> . . . . .	9	.1	.4	.1	.1	.3	.9	.9	1.8	(Z)	.1
10 TO 19 EMPLOYEES <sup>o</sup> . . . . .	14	.2	1.3	.2	.5	1.0	3.8	4.2	7.9	.3	.9
20 TO 49 EMPLOYEES <sup>o</sup> . . . . .	26	.8	5.3	.7	1.4	4.2	16.1	14.4	30.6	2.1	2.6
50 TO 99 EMPLOYEES <sup>o</sup> . . . . .	25	1.7	11.4	1.4	3.1	8.6	29.0	21.8	50.6	2.9	5.3
100 TO 249 EMPLOYEES <sup>o</sup> . . . . .	15	2.0	12.8	1.7	3.5	10.0	25.4	20.4	45.6	7.1	4.7
250 TO 499 EMPLOYEES <sup>o</sup> . . . . .	4	1.9	11.3	1.7	3.3	9.0	24.0	14.7	38.6	5.1	2.1
500 TO 999 EMPLOYEES <sup>o</sup> . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTA85, COVERED BY ADMIN.RECORDS <sup>1</sup>	17	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3275-- GYPSUM PRODUCTS											
ESTABLISHMENTS, TOTAL . . . . .	117	10.0	70.7	7.8	17.5	52.2	225.6	160.0	387.7	12.9	39.2
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>o</sup> . . . . .	29	(Z)	.2	(Z)	.1	.2	.7	.5	1.2	(Z)	.1
5 TO 9 EMPLOYEES <sup>o</sup> . . . . .	8	.1	.5	(Z)	.1	.3	1.5	1.9	3.4	(Z)	.3
10 TO 19 EMPLOYEES <sup>o</sup> . . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20 TO 49 EMPLOYEES <sup>o</sup> . . . . .	13	.5	3.9	.4	.8	2.8	12.4	10.4	22.9	.4	2.7
50 TO 99 EMPLOYEES <sup>o</sup> . . . . .	12	9.4	66.0	7.2	16.4	48.8	211.1	147.2	360.2	12.3	36.0
100 TO 249 EMPLOYEES <sup>o</sup> . . . . .	51	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
250 TO 499 EMPLOYEES <sup>o</sup> . . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTA85, COVERED BY ADMIN.RECORDS <sup>1 e</sup>	29	.1	.3	.1	.1	.2	.8	.5	1.3	(Z)	.1
3281-- CUT STONE AND STONE PRODUCTS											
ESTABLISHMENTS, TOTAL . . . . .	811	16.6	90.8	14.1	28.3	70.9	148.2	88.9	236.4	6.1	31.5
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>o</sup> . . . . .	348	.6	3.0	.6	1.0	2.4	7.4	5.2	12.6	.2	1.6
5 TO 9 EMPLOYEES <sup>o</sup> . . . . .	133	.9	4.9	.8	1.5	3.9	9.5	7.2	16.6	.5	1.8
10 TO 19 EMPLOYEES <sup>o</sup> . . . . .	134	1.9	10.1	1.5	2.9	7.5	17.7	12.7	30.5	.7	2.9
20 TO 49 EMPLOYEES <sup>o</sup> . . . . .	123	3.8	21.7	3.1	6.3	16.8	34.1	24.8	58.9	1.3	6.4
50 TO 99 EMPLOYEES <sup>o</sup> . . . . .	44	3.1	17.4	2.7	5.5	13.8	27.1	13.0	40.1	1.6	4.2
100 TO 249 EMPLOYEES <sup>o</sup> . . . . .	21	3.0	15.4	2.5	5.1	12.5	26.4	13.9	40.0	.8	5.6
250 TO 499 EMPLOYEES <sup>o</sup> . . . . .	6	3.4	18.2	2.2	5.9	13.9	26.0	12.1	37.7	1.0	9.0
500 TO 999 EMPLOYEES <sup>o</sup> . . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTA85, COVERED BY ADMIN.RECORDS <sup>1 e</sup>	377	1.0	4.5	.9	1.5	3.7	10.1	6.5	16.6	.4	2.1
3291-- ABRASIVE PRODUCTS											
ESTABLISHMENTS, TOTAL . . . . .	361	27.2	197.5	18.9	36.3	119.2	420.7	306.5	725.3	30.4	128.2
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>o</sup> . . . . .	101	.2	1.1	.2	.2	.6	4.1	2.7	6.7	1.4	.9
5 TO 9 EMPLOYEES <sup>o</sup> . . . . .	37	.2	1.7	.2	.4	1.0	3.5	3.0	6.5	.2	.7
10 TO 19 EMPLOYEES <sup>o</sup> . . . . .	58	.8	5.6	.6	1.2	3.3	11.0	11.7	22.4	.8	2.9
20 TO 49 EMPLOYEES <sup>o</sup> . . . . .	80	2.5	16.6	1.9	3.8	10.4	35.9	40.0	74.6	2.5	10.4
50 TO 99 EMPLOYEES <sup>o</sup> . . . . .	37	2.6	17.3	1.9	4.0	10.7	37.5	31.3	68.6	2.2	10.2
100 TO 249 EMPLOYEES <sup>o</sup> . . . . .	28	4.1	26.3	3.0	6.1	16.7	58.0	53.6	110.8	6.3	17.5
250 TO 499 EMPLOYEES <sup>o</sup> . . . . .	11	4.0	30.5	3.0	6.0	20.7	76.0	32.1	107.8	4.9	16.7
500 TO 999 EMPLOYEES <sup>o</sup> . . . . .	4	2.3	15.1	1.6	3.1	10.3	37.8	37.3	74.7	1.3	10.3
1,000 TO 2,499 EMPLOYEES <sup>o</sup> . . . . .	3	10.5	83.2	6.4	11.4	45.4	94.8	156.9	253.1	10.7	58.7
2,500 EMPLOYEES OR MORE <sup>o</sup> . . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTA85, COVERED BY ADMIN.RECORDS <sup>1 e</sup>	105	.2	1.2	.2	.3	.7	3.2	2.7	5.9	.3	.8
3292-- ASBESTOS PRODUCTS											
ESTABLISHMENTS, TOTAL . . . . .	138	21.3	144.0	16.8	35.0	107.5	308.1	263.9	575.0	18.9	111.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>o</sup> . . . . .	20	(Z)	.2	(Z)	.1	.1	.4	.3	.6	3.2	.1
5 TO 9 EMPLOYEES <sup>o</sup> . . . . .	7	(Z)	.3	(Z)	.1	.2	.5	.4	.9	(D)	.1
10 TO 19 EMPLOYEES <sup>o</sup> . . . . .	12	.2	1.0	.1	.2	.6	2.4	1.8	4.2	(D)	.4
20 TO 49 EMPLOYEES <sup>o</sup> . . . . .	14	.4	2.6	.3	.6	1.7	5.0	6.2	11.3	(D)	1.8
50 TO 99 EMPLOYEES <sup>o</sup> . . . . .	23	1.7	10.0	1.4	2.7	7.3	19.4	20.6	40.6	1.1	8.8
100 TO 249 EMPLOYEES <sup>o</sup> . . . . .	36	5.6	36.9	4.4	9.4	26.9	84.2	82.5	169.3	4.2	33.8
250 TO 499 EMPLOYEES <sup>o</sup> . . . . .	18	6.1	42.2	4.9	10.4	32.6	98.2	88.8	186.4	6.6	37.7
500 TO 999 EMPLOYEES <sup>o</sup> . . . . .	6	7.3	50.8	5.6	11.5	38.2	97.9	63.4	161.7	3.9	28.2
1,000 TO 2,499 EMPLOYEES <sup>o</sup> . . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTA85, COVERED BY ADMIN. RECORDS <sup>1</sup>	16	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.



TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					
3293-- GASKETS AND INSULATIONS											
ESTABLISHMENTS, TOTAL. . . . .	301	18.5	115.3	14.1	27.8	76.8	205.5	150.2	352.8	9.2	54.2
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>c</sup> . . . . .	79	.1	.8	.1	.2	.6	2.0	1.7	3.7	(2)	.4
5 TO 9 EMPLOYEES <sup>c</sup> . . . . .	45	.3	2.0	.2	.4	1.2	3.6	4.0	7.5	.1	.8
10 TO 19 EMPLOYEES. . . . .	54	.8	4.6	.6	1.1	2.8	9.3	9.6	18.9	.3	1.9
20 TO 49 EMPLOYEES. . . . .	54	1.7	10.0	1.2	2.5	6.1	21.4	21.5	42.4	1.5	4.9
50 TO 99 EMPLOYEES. . . . .	32	2.3	14.3	1.7	3.4	8.6	28.4	25.9	53.9	1.4	7.4
100 TO 249 EMPLOYEES. . . . .	21	3.2	19.8	2.5	5.1	13.5	36.2	30.5	66.1	1.8	9.8
250 TO 499 EMPLOYEES. . . . .	11	5.5	24.4	4.4	8.9	24.2	53.9	33.4	87.7	2.5	12.0
500 TO 999 EMPLOYEES. . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1,000 TO 2,499 EMPLOYEES. . . . .	3	4.6	29.3	3.3	6.3	19.9	50.7	23.6	72.5	1.5	17.1
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 c</sup>	86	.2	1.1	.2	.3	.7	2.4	2.1	4.6	.1	.5
3295-- MINERALS, GROUND OR TREATED											
ESTABLISHMENTS, TOTAL. . . . .	504	8.9	59.3	7.0	14.4	41.7	149.4	132.4	280.9	23.5	27.3
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>c</sup> . . . . .	178	.3	1.9	.3	.5	1.4	4.9	4.4	9.4	2.0	.9
5 TO 9 EMPLOYEES <sup>c</sup> . . . . .	80	.5	3.6	.4	.9	2.4	9.3	9.1	18.3	1.3	1.9
10 TO 19 EMPLOYEES. . . . .	116	1.6	10.0	1.2	2.4	6.8	23.8	26.0	49.8	6.6	4.2
20 TO 49 EMPLOYEES. . . . .	88	2.6	17.7	2.1	4.5	12.9	32.4	46.4	78.8	4.8	7.0
50 TO 99 EMPLOYEES. . . . .	29	1.9	12.8	1.5	3.1	9.1	29.7	21.2	50.3	4.8	4.8
100 TO 249 EMPLOYEES. . . . .	13	1.8	13.3	1.5	3.0	9.2	39.3	36.3	74.2	4.0	8.6
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 c</sup>	146	.2	1.4	.2	.4	1.0	3.4	2.8	6.2	.9	.8
3296-- MINERAL WOOL											
ESTABLISHMENTS, TOTAL. . . . .	116	15.1	106.9	12.2	25.5	83.9	247.3	204.4	454.4	27.2	35.3
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>c</sup> . . . . .	23	(2)	.2	(2)	(2)	.1	.4	.4	.7	.4	.1
5 TO 9 EMPLOYEES <sup>c</sup> . . . . .	7	.1	.3	(2)	.1	.2	.6	.6	1.2	(2)	.1
10 TO 19 EMPLOYEES. . . . .	12	.2	.8	.1	.2	.5	2.0	3.9	6.1	.1	.4
20 TO 49 EMPLOYEES. . . . .	24	.8	4.6	.6	1.1	3.0	10.2	10.2	20.5	.7	1.9
50 TO 99 EMPLOYEES. . . . .	18	1.4	8.9	1.1	2.2	6.0	19.7	15.9	35.3	.7	2.6
100 TO 249 EMPLOYEES. . . . .	18	3.2	21.4	2.6	5.6	16.5	54.6	36.8	91.9	11.0	7.9
250 TO 499 EMPLOYEES. . . . .	7	2.3	17.0	1.9	4.0	12.9	34.9	26.7	62.6	14.1	4.7
500 TO 999 EMPLOYEES. . . . .	4	7.2	53.6	5.9	12.1	44.7	125.1	109.9	236.1	(0)	17.5
1,000 TO 2,499 EMPLOYEES. . . . .	3	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup>	17	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
3297-- NONCLAY REFRACTORIES											
ESTABLISHMENTS, TOTAL. . . . .	92	9.9	72.1	7.4	14.8	49.5	158.7	149.7	307.1	17.3	87.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>c</sup> . . . . .	17	(2)	.2	(2)	(2)	.2	.6	.4	.9	3.2	.2
5 TO 9 EMPLOYEES <sup>c</sup> . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
10 TO 19 EMPLOYEES. . . . .	10	.1	1.1	.1	.2	.8	3.3	4.3	7.9	(0)	.9
20 TO 49 EMPLOYEES. . . . .	16	.5	4.0	.4	.8	2.5	10.4	11.1	21.5	(0)	2.6
50 TO 99 EMPLOYEES. . . . .	15	1.0	7.3	.8	1.5	5.2	14.4	14.1	28.4	1.4	9.4
100 TO 249 EMPLOYEES. . . . .	21	3.4	24.3	2.5	5.1	16.7	60.5	51.9	111.0	5.2	33.4
250 TO 499 EMPLOYEES. . . . .	9	3.2	22.7	2.5	4.7	16.1	44.1	43.7	87.3	6.1	27.0
500 TO 999 EMPLOYEES. . . . .	3	1.6	12.4	1.1	2.4	8.0	25.5	24.3	50.1	1.4	13.5
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup>	13	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
3299-- NONMETALLIC MINERAL PRODUCTS, NEC											
ESTABLISHMENTS, TOTAL. . . . .	330	5.3	30.6	4.3	8.3	21.1	56.8	43.5	99.9	2.2	11.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>c</sup> . . . . .	179	.3	1.4	.3	.4	.8	3.2	2.3	5.4	.1	.5
5 TO 9 EMPLOYEES <sup>c</sup> . . . . .	59	.4	2.2	.4	.6	1.3	3.6	2.6	6.2	.1	.6
10 TO 19 EMPLOYEES. . . . .	39	.5	2.9	.4	.8	2.0	6.8	3.8	10.6	.4	.9
20 TO 49 EMPLOYEES. . . . .	25	.7	4.3	.6	1.2	3.2	5.8	4.8	10.6	.2	1.1
50 TO 99 EMPLOYEES. . . . .	16	1.0	5.2	.9	1.7	4.0	10.9	7.1	17.9	.4	1.3
100 TO 249 EMPLOYEES. . . . .	9	1.2	6.3	1.0	1.9	4.4	11.3	8.1	19.6	.3	2.8
250 TO 499 EMPLOYEES. . . . .	3	1.1	8.4	.8	1.7	5.2	15.2	14.9	29.6	.8	4.4
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 c</sup>	190	.5	2.1	.5	.7	1.3	4.1	3.0	7.0	(2)	.7

See footnotes at end of table.

TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number	Payroll	Number	Man-hours	Wages					
		(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					
3312-- BLAST FURNACES AND STEEL MILLS											
ESTABLISHMENTS, TOTAL . . . . .	329	533.1	4 385.3	434.0	845.4	3 368.4	8 910.1	10 997.9	19 620.6	1 661.0	3 936.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	39	(2)	(2)	(2)	.1	(2)	1.1	2.7	3.7	3.8	.7
5 TO 9 EMPLOYEES . . . . .	11	.1	.6	.1	.1	.4	3.1	3.2	6.1	(0)	.4
10 TO 19 EMPLOYEES . . . . .	20	.3	2.0	.2	.5	1.5	3.5	6.9	10.3	.4	1.4
20 TO 49 EMPLOYEES . . . . .	26	.8	6.0	.7	1.4	4.7	14.4	33.4	47.9	1.5	6.1
50 TO 99 EMPLOYEES . . . . .	17	1.3	10.6	1.0	2.0	8.0	26.3	45.1	73.8	2.8	19.0
100 TO 249 EMPLOYEES . . . . .	38	6.3	47.9	5.3	10.6	37.6	109.7	154.4	256.3	9.8	69.1
250 TO 499 EMPLOYEES . . . . .	40	14.8	119.8	12.2	24.7	92.6	254.3	370.3	611.6	51.4	146.9
500 TO 999 EMPLOYEES . . . . .	36	26.5	210.9	21.5	42.8	163.3	404.4	528.0	918.4	62.0	192.6
1,000 TO 2,499 EMPLOYEES . . . . .	35	57.1	450.7	45.1	87.9	341.7	859.6	1 178.8	2 031.1	99.5	418.4
2,500 EMPLOYEES OR MORE . . . . .	67	425.9	3 536.4	347.3	675.3	2 718.3	7 233.7	8 675.1	15 661.4	1 429.9	3 082.0
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> e	26	(2)	.3	(2)	.1	.2	.8	2.1	2.8	.1	.6
3312-11 FULLY INTEGRATED <sup>6</sup>											
ESTABLISHMENTS, TOTAL . . . . .	35	289.8	2 386.3	237.2	459.1	1 855.3	4 912.0	4 909.0	9 656.3	936.2	1 978.7
2,500 EMPLOYEES OR MORE . . . . .	35	289.8	2 386.3	237.2	459.1	1 855.1	4 912.0	4 909.0	9 656.3	936.2	1 978.7
3312-12 PARTIALLY INTEG. W. BL. FURNACES <sup>6</sup>											
ESTABLISHMENTS, TOTAL . . . . .	11	54.6	451.8	44.9	89.7	342.6	1 152.7	1 173.1	2 288.9	167.4	391.1
2,500 EMPLOYEES OR MORE . . . . .	11	54.6	451.8	44.9	89.7	342.6	1 152.7	1 173.1	2 288.9	167.4	391.1
3312-13 PART. INTEG. W/O BL. FURNACES <sup>6</sup>											
ESTABLISHMENTS, TOTAL . . . . .	78	116.4	964.6	93.3	183.9	729.0	1 855.4	2 184.6	4 009.2	256.5	780.2
1 TO 4 EMPLOYEES . . . . .	1	1.9	14.9	1.7	3.3	12.1	26.4	33.1	58.2	4.9	11.0
5 TO 9 EMPLOYEES . . . . .	10	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
10 TO 19 EMPLOYEES . . . . .	10	3.8	32.4	3.0	6.2	23.7	66.0	60.9	125.1	8.2	36.2
20 TO 49 EMPLOYEES . . . . .	18	13.5	110.9	10.9	22.0	85.0	217.0	167.4	373.1	41.9	90.8
50 TO 99 EMPLOYEES . . . . .	23	97.2	806.5	77.7	152.5	608.1	1 546.1	1 923.2	3 452.9	201.6	642.3
1,000 TO 2,499 EMPLOYEES . . . . .	16	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2,500 EMPLOYEES OR MORE . . . . .	16	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
3312-14 NONINTEGRATED <sup>6</sup>											
ESTABLISHMENTS, TOTAL . . . . .	205	72.3	582.5	58.6	112.7	441.5	989.9	2 731.2	3 666.2	300.9	786.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	39	(2)	.4	(2)	.1	.3	1.1	2.7	3.7	3.8	.7
5 TO 9 EMPLOYEES . . . . .	11	.1	.6	.1	.1	.4	3.1	3.2	6.1	(0)	.4
10 TO 19 EMPLOYEES . . . . .	20	.3	2.0	.2	.5	1.5	3.5	6.9	10.3	.4	1.4
20 TO 49 EMPLOYEES . . . . .	26	.8	6.0	.7	1.4	4.7	14.4	33.4	47.9	1.5	6.1
50 TO 99 EMPLOYEES . . . . .	16	5.7	43.6	4.8	9.3	33.4	109.5	166.3	272.0	7.7	77.2
100 TO 249 EMPLOYEES . . . . .	28	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
250 TO 499 EMPLOYEES . . . . .	30	11.0	87.5	9.1	18.5	69.0	188.4	309.4	486.6	43.2	110.6
500 TO 999 EMPLOYEES . . . . .	18	13.0	100.0	10.6	20.8	78.2	187.4	360.7	545.3	20.1	101.8
1,000 TO 2,499 EMPLOYEES . . . . .	12	41.5	342.4	32.9	62.0	253.9	482.4	1 848.6	2 294.2	224.3	488.5
2,500 EMPLOYEES OR MORE . . . . .	5	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> e	26	(2)	.3	(2)	.1	.2	.8	2.1	2.8	.1	.6
3313-- ELECTROMETALLURGICAL PRODUCTS											
ESTABLISHMENTS, TOTAL . . . . .	34	10.4	79.0	8.4	17.2	58.6	193.2	289.9	467.9	29.3	114.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	2	.2	1.3	.1	.3	.9	3.9	5.6	9.3	.2	1.9
5 TO 9 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
10 TO 19 EMPLOYEES . . . . .	4	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
20 TO 49 EMPLOYEES . . . . .	3	.2	1.9	.2	.4	1.3	6.0	7.7	13.2	.4	2.0
50 TO 99 EMPLOYEES . . . . .	8	1.3	9.4	1.0	2.1	6.8	28.1	58.5	87.1	1.7	16.4
100 TO 249 EMPLOYEES . . . . .	11	8.6	66.5	7.1	14.4	49.6	155.2	218.1	358.4	27.0	93.8
250 TO 499 EMPLOYEES . . . . .	3	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
500 TO 999 EMPLOYEES . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1,000 TO 2,499 EMPLOYEES . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> e	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

See footnotes at end of table.



TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					
3315-- STEEL WIRE AND RELATED PRODUCTS											
ESTABLISHMENTS, TOTAL . . . . .	240	27.3	194.8	21.7	44.1	138.0	385.6	467.5	845.2	56.9	162.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	24	(Z)	.3	(Z)	.1	.2	.6	.6	1.2	<sup>2</sup> 24.9	.2
5 TO 9 EMPLOYEES . . . . .	21	.2	1.0	.1	.3	.7	2.7	3.0	5.6	.1	.7
10 TO 19 EMPLOYEES . . . . .	24	.3	2.3	.3	.5	1.5	6.4	10.3	16.7	.6	1.8
20 TO 49 EMPLOYEES . . . . .	47	1.6	9.5	1.3	2.8	6.9	27.2	35.6	61.8	3.9	9.3
50 TO 99 EMPLOYEES . . . . .	43	3.1	19.6	2.6	5.4	14.5	44.4	64.9	109.1	4.6	16.0
100 TO 249 EMPLOYEES . . . . .	50	7.7	51.4	6.2	12.7	36.8	112.3	137.8	247.2	6.8	45.7
250 TO 499 EMPLOYEES . . . . .	22	7.4	56.1	5.8	12.2	40.8	106.8	99.1	204.1	8.1	47.6
500 TO 999 EMPLOYEES . . . . .	8	7.1	54.6	5.4	10.1	36.7	85.3	116.3	199.6	7.2	40.9
1,000 TO 2,499 EMPLOYEES . . . . .	1	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
ESTABLS. COVERED BY ADMIN. RECORDS <sup>1</sup>	18	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
3316-- COLO FINISHING OF STEEL SHAPES											
ESTABLISHMENTS, TOTAL . . . . .	107	19.5	154.9	14.9	29.8	108.8	269.1	777.5	1 038.7	126.0	188.4
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	7	(Z)	.1	(Z)	(Z)	(Z)	.1	.1	.2	<sup>2</sup> 105.6	(Z)
5 TO 9 EMPLOYEES . . . . .	6	(Z)	.3	(Z)	.1	.2	.8	1.0	1.8	(O)	.1
10 TO 19 EMPLOYEES . . . . .	8	.1	.8	.1	.2	.6	2.2	5.8	7.7	(O)	1.4
20 TO 49 EMPLOYEES . . . . .	16	.5	4.3	.4	.8	2.3	10.0	22.1	31.8	(O)	6.9
50 TO 99 EMPLOYEES . . . . .	23	1.6	11.8	1.2	2.4	8.0	30.6	87.8	117.2	(O)	25.9
100 TO 249 EMPLOYEES . . . . .	18	3.1	24.4	2.3	4.9	16.8	55.5	115.6	171.8	(O)	28.9
250 TO 499 EMPLOYEES . . . . .	17	5.1	38.9	4.0	8.0	28.3	85.1	184.4	264.9	10.9	54.2
500 TO 999 EMPLOYEES . . . . .	11	9.0	74.2	7.0	13.5	52.7	84.8	360.6	443.3	9.5	70.9
1,000 TO 2,499 EMPLOYEES . . . . .	1	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
ESTABLS. COVERED BY ADMIN. RECORDS <sup>1</sup>	6	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
3317-- STEEL PIPE AND TUBES											
ESTABLISHMENTS, TOTAL . . . . .	151	27.0	207.9	21.8	45.1	155.4	412.1	754.4	1 148.6	37.8	205.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	13	(Z)	.2	(Z)	.1	.2	.6	.9	1.5	(Z)	.2
5 TO 9 EMPLOYEES . . . . .	1	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
10 TO 19 EMPLOYEES . . . . .	11	.2	1.0	.1	.2	.7	2.1	2.4	4.5	.1	.6
20 TO 49 EMPLOYEES . . . . .	32	1.1	7.1	.8	1.8	4.9	17.6	26.4	44.2	1.2	6.8
50 TO 99 EMPLOYEES . . . . .	26	1.8	13.0	1.5	3.0	9.3	27.3	44.3	72.6	2.6	11.6
100 TO 249 EMPLOYEES . . . . .	32	5.6	40.3	4.5	9.3	28.8	83.8	124.7	209.1	7.8	44.0
250 TO 499 EMPLOYEES . . . . .	22	7.0	52.0	5.6	11.5	38.0	102.5	205.5	304.7	9.6	53.0
500 TO 999 EMPLOYEES . . . . .	8	4.7	40.2	3.7	7.9	30.5	88.0	133.8	222.7	8.4	34.4
1,000 TO 2,499 EMPLOYEES . . . . .	6	6.7	54.0	5.6	11.3	43.0	90.1	216.4	289.3	8.1	54.9
ESTABLS. COVERED BY ADMIN. RECORDS <sup>1</sup>	11	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
3321-- GRAY IRON FOUNRIES											
ESTABLISHMENTS, TOTAL . . . . .	1 061	138.0	965.3	119.3	242.3	780.2	1 543.1	1 075.3	2 637.8	196.3	240.8
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	126	.2	1.2	.2	.4	1.0	2.6	1.4	4.1	<sup>2</sup> 44.6	.3
5 TO 9 EMPLOYEES . . . . .	64	.4	2.5	.4	.7	2.0	3.9	2.1	6.0	(O)	.4
10 TO 19 EMPLOYEES . . . . .	97	1.4	8.0	1.3	2.4	6.6	12.5	6.9	19.6	(O)	1.4
20 TO 49 EMPLOYEES . . . . .	248	8.4	48.6	7.4	14.4	38.9	82.0	41.5	122.9	(O)	7.0
50 TO 99 EMPLOYEES . . . . .	221	15.6	97.1	13.8	27.5	78.8	154.8	77.9	240.1	9.5	14.4
100 TO 249 EMPLOYEES . . . . .	193	30.3	195.5	26.4	53.7	155.7	330.6	213.0	542.9	19.2	46.0
250 TO 499 EMPLOYEES . . . . .	67	22.9	157.8	19.2	38.9	123.4	263.7	211.7	479.3	22.2	51.4
500 TO 999 EMPLOYEES . . . . .	28	19.9	134.5	17.4	34.8	112.9	199.9	193.0	396.4	13.0	51.9
1,000 TO 2,499 EMPLOYEES . . . . .	12	18.0	134.9	15.5	32.5	109.5	202.7	116.8	325.8	22.4	26.4
2,500 EMPLOYEES OR MORE . . . . .	5	20.8	185.2	17.8	37.0	151.4	290.4	211.0	500.7	65.3	41.5
ESTABLS. COVERED BY ADMIN. RECORDS <sup>1</sup>	148	.4	2.3	.4	.7	1.9	4.5	2.5	7.0	.1	.6
3322-- MALLEABLE IRON FOUNRIES											
ESTABLISHMENTS, TOTAL . . . . .	81	25.4	187.0	21.4	43.0	147.3	296.5	142.9	438.3	21.9	29.5
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	3	(Z)	.2	(Z)	(Z)	.2	.2	.2	.4	.9	(Z)
5 TO 9 EMPLOYEES . . . . .	2	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
10 TO 19 EMPLOYEES . . . . .	1	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
20 TO 49 EMPLOYEES . . . . .	9	.3	1.4	.2	.5	1.2	2.2	.9	3.2	.1	.2
50 TO 99 EMPLOYEES . . . . .	6	.4	2.6	.4	.7	2.1	4.0	2.3	6.3	.2	.2
100 TO 249 EMPLOYEES . . . . .	30	4.9	32.7	4.3	8.5	26.0	52.8	21.7	74.2	4.3	5.7
250 TO 499 EMPLOYEES . . . . .	18	6.4	43.7	5.5	10.9	35.1	69.5	28.2	97.4	6.2	7.2
500 TO 999 EMPLOYEES . . . . .	6	4.0	29.1	3.4	6.8	24.2	38.2	21.4	59.1	4.5	4.7
1,000 TO 2,499 EMPLOYEES . . . . .	5	9.4	77.2	7.6	15.6	58.6	129.5	68.3	197.6	5.7	11.3
2,500 EMPLOYEES OR MORE . . . . .	1	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
ESTABLS. COVERED BY ADMIN. RECORDS <sup>1</sup>	3	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)

See footnotes at end of table.

TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establish- ments (number)	All employees		Production workers			Value added by manufac- ture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expendi- tures, new (million dollars)	End-of- year inventories (million dollars)
		Number	Payroll	Number	Man-hours	Wages					
		(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					
3323-- STEEL FOUNDRIES											
ESTABLISHMENTS, TOTAL. . . . .	296	69.2	488.2	57.6	116.8	379.2	791.4	413.8	1 213.2	56.8	143.9
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>6</sup> . . . . .	21	(2)	.3	(2)	.1	.2	.6	.3	.9	1.4	.1
5 TO 9 EMPLOYEES . . . . .	10	.1	.5	.1	.1	.4	1.5	.7	2.1	.1	.1
10 TO 19 EMPLOYEES . . . . .	17	.2	1.5	.2	.4	1.1	2.7	1.8	4.5	.1	.4
20 TO 49 EMPLOYEES . . . . .	47	1.6	10.4	1.3	2.8	8.2	16.2	8.2	24.3	1.7	1.7
50 TO 99 EMPLOYEES . . . . .	42	2.9	19.6	2.5	4.9	14.4	38.1	17.1	55.0	5.3	3.8
100 TO 249 EMPLOYEES . . . . .	76	12.9	87.0	11.0	22.6	68.7	145.8	84.7	228.9	7.3	22.1
250 TO 499 EMPLOYEES . . . . .	44	15.9	114.4	13.2	27.2	88.6	178.0	88.5	267.6	14.7	33.9
500 TO 999 EMPLOYEES . . . . .	27	18.2	130.1	14.8	29.5	99.1	204.1	110.9	324.8	17.2	39.5
1,000 TO 2,499 EMPLOYEES . . . . .	12	17.4	124.4	14.5	29.2	98.5	204.5	101.5	305.1	9.1	42.4
2,500 EMPLOYEES OR MORE. . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN.RECORDS <sup>1</sup>	15	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3331-- PRIMARY COPPER											
ESTABLISHMENTS, TOTAL. . . . .	32	11.6	80.6	9.2	18.1	61.0	262.6	935.0	1 184.1	51.7	188.7
ESTABLISHMENTS WITH AN AVERAGE OF-											
20 TO 49 EMPLOYEES . . . . .	2	.4	3.6	.4	.7	2.8	45.3	72.3	121.3	.4	7.0
50 TO 99 EMPLOYEES . . . . .	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
100 TO 249 EMPLOYEES . . . . .	9	1.5	10.0	1.3	2.5	8.2	39.2	225.9	250.7	9.6	38.5
250 TO 499 EMPLOYEES . . . . .	8	2.8	19.8	2.3	4.2	14.7	66.8	326.9	394.6	4.8	58.2
500 TO 999 EMPLOYEES . . . . .	8	6.9	47.1	5.3	10.7	35.2	111.3	309.9	417.4	36.9	84.9
1,000 TO 2,499 EMPLOYEES . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3332-- PRIMARY LEAD											
ESTABLISHMENTS, TOTAL. . . . .	19	2.7	18.9	2.1	4.3	13.3	48.3	270.8	304.0	18.5	93.5
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	1	.2	1.4	.2	.4	.9	2.5	9.8	12.2	18.5	1.1
20 TO 49 EMPLOYEES . . . . .	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
50 TO 99 EMPLOYEES . . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
100 TO 249 EMPLOYEES . . . . .	9	1.3	9.1	.9	1.8	5.8	27.2	165.2	182.4	(D)	51.7
250 TO 499 EMPLOYEES . . . . .	3	1.2	8.5	1.0	2.1	6.7	18.6	95.8	109.5	(D)	40.6
3333-- PRIMARY ZINC											
ESTABLISHMENTS, TOTAL. . . . .	18	8.1	57.8	6.4	13.5	42.9	119.5	220.8	332.8	25.8	59.5
ESTABLISHMENTS WITH AN AVERAGE OF-											
20 TO 49 EMPLOYEES . . . . .	2	.4	2.4	.3	.6	1.6	7.1	19.2	26.3	.1	3.1
50 TO 99 EMPLOYEES . . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
100 TO 249 EMPLOYEES . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
250 TO 499 EMPLOYEES . . . . .	6	2.2	15.9	1.9	4.2	13.6	21.8	61.8	81.4	10.4	19.9
500 TO 999 EMPLOYEES . . . . .	6	5.5	39.5	4.2	8.7	27.6	90.7	139.7	225.0	15.2	36.4
1,000 TO 2,499 EMPLOYEES . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3334-- PRIMARY ALUMINUM											
ESTABLISHMENTS, TOTAL. . . . .	25	23.8	190.9	19.2	38.5	145.2	811.8	841.6	1 608.7	151.7	176.7
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	1	1.1	9.4	.8	1.6	5.9	41.4	48.3	83.6	14.4	15.8
250 TO 499 EMPLOYEES . . . . .	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
500 TO 999 EMPLOYEES . . . . .	12	9.1	71.5	7.2	14.0	54.1	301.4	369.1	646.4	116.0	84.2
1,000 TO 2,499 EMPLOYEES . . . . .	8	13.6	109.9	11.3	22.7	85.2	469.0	424.2	878.7	21.2	76.7
2,500 EMPLOYEES OR MORE. . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.



TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establish- ments	All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new	End-of- year inventories
		Number	Payroll	Number	Man-hours	Wages					
		(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					
(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	
3339-- PRIMARY NONFERROUS METALS, NEC											
ESTABLISHMENTS, TOTAL . . . . .	50	7.2	56.9	5.2	11.2	38.1	139.3	158.1	284.4	25.1	73.2
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	14	.3	3.2	.2	.6	2.2	17.2	53.4	65.5	3.2	16.8
5 TO 9 EMPLOYEES . . . . .	4	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
10 TO 19 EMPLOYEES . . . . .	3	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
20 TO 49 EMPLOYEES . . . . .	9	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
50 TO 99 EMPLOYEES . . . . .	6	.4	3.0	.3	.7	2.2	8.5	11.4	19.1	.7	7.4
100 TO 249 EMPLOYEES . . . . .	6	.9	6.5	.7	1.5	4.9	14.4	16.1	29.5	3.3	6.5
250 TO 499 EMPLOYEES . . . . .	4	1.5	11.1	1.0	2.3	7.0	20.9	24.8	43.6	2.9	18.9
500 TO 999 EMPLOYEES . . . . .	3	3.9	33.1	2.8	6.1	21.9	78.3	52.4	126.6	15.0	23.7
1,000 TO 2,499 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup>	8	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
3341-- SECONDARY NONFERROUS METALS											
ESTABLISHMENTS, TOTAL . . . . .	403	17.2	122.8	12.8	26.6	78.4	271.2	1 314.0	1 586.0	23.6	174.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	112	.2	1.4	.2	.3	1.0	5.5	10.8	16.1	.2	2.0
5 TO 9 EMPLOYEES . . . . .	54	.3	2.7	.3	.5	1.6	5.8	18.5	24.0	.4	2.4
10 TO 19 EMPLOYEES . . . . .	55	.8	5.5	.6	1.2	3.5	11.2	48.9	60.0	.8	5.4
20 TO 49 EMPLOYEES . . . . .	83	2.8	18.9	2.1	4.4	12.2	40.4	196.0	236.4	2.4	29.2
50 TO 99 EMPLOYEES . . . . .	51	3.6	24.6	2.6	5.5	15.6	60.4	230.1	291.2	5.5	33.6
100 TO 249 EMPLOYEES . . . . .	38	5.8	43.0	4.3	8.9	26.5	81.8	425.7	506.6	6.8	59.0
250 TO 499 EMPLOYEES . . . . .	8	3.7	26.7	2.7	5.7	18.0	66.2	383.9	451.7	7.5	43.0
500 TO 999 EMPLOYEES . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup>	115	.3	1.8	.3	.4	1.2	5.8	10.4	16.2	.3	2.3
3351-- COPPER ROLLING AND DRAWING											
ESTABLISHMENTS, TOTAL . . . . .	125	40.3	293.9	32.2	64.5	219.0	704.4	1 658.2	2 391.1	68.0	276.3
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	8	(2)	.1	(2)	(2)	.1	.2	.4	.6	(2)	.1
5 TO 9 EMPLOYEES . . . . .	5	(2)	.2	(2)	.1	.2	.5	.6	1.0	(2)	.1
10 TO 19 EMPLOYEES . . . . .	4	.1	.4	.1	.1	.3	.8	1.5	2.2	(2)	.5
20 TO 49 EMPLOYEES . . . . .	22	.8	5.7	.6	1.3	4.1	25.6	132.3	158.0	.9	13.6
50 TO 99 EMPLOYEES . . . . .	16	1.2	8.6	1.0	2.1	6.5	28.7	99.1	128.9	2.0	12.4
100 TO 249 EMPLOYEES . . . . .	26	4.4	32.1	3.4	7.0	22.7	90.1	211.7	304.6	7.3	28.5
250 TO 499 EMPLOYEES . . . . .	17	6.1	44.7	5.0	9.9	33.5	96.4	178.8	278.5	8.8	41.8
500 TO 999 EMPLOYEES . . . . .	14	9.8	72.3	8.0	16.5	55.9	186.1	385.6	578.1	9.7	60.6
1,000 TO 2,499 EMPLOYEES . . . . .	13	18.0	129.6	14.3	27.6	95.9	276.0	648.3	939.1	39.2	118.7
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup>	10	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
3351-21 ESTABS. WITH CASTING DEPTS.											
ESTABLISHMENTS, TOTAL . . . . .	43	28.4	209.0	22.9	45.5	158.2	484.9	1 078.3	1 583.3	48.3	195.1
20 TO 49 EMPLOYEES . . . . .	1	.2	1.8	.2	.4	1.2	6.0	22.1	28.9	.3	3.6
50 TO 99 EMPLOYEES . . . . .	3	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
100 TO 249 EMPLOYEES . . . . .	7	1.2	8.9	.9	1.9	6.3	19.3	29.1	50.4	2.7	7.0
250 TO 499 EMPLOYEES . . . . .	8	27.0	198.3	21.8	43.3	150.6	459.5	1 027.0	1 503.9	45.4	184.6
500 TO 999 EMPLOYEES . . . . .	13	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1,000 TO 2,499 EMPLOYEES . . . . .	11	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
3351-22 ESTABS. WITHOUT CASTING DEPTS.											
ESTABLISHMENTS, TOTAL . . . . .	82	11.9	84.9	9.4	19.0	60.8	219.5	579.9	807.8	19.7	81.2
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	8	(2)	.1	(2)	(2)	.1	.2	.4	.6	(2)	.1
5 TO 9 EMPLOYEES . . . . .	5	(2)	.2	(2)	.1	.2	.5	.6	1.0	(2)	.1
10 TO 19 EMPLOYEES . . . . .	4	.1	.4	.1	.1	.3	.8	1.5	2.2	(2)	.5
20 TO 49 EMPLOYEES . . . . .	21	1.7	12.7	1.4	2.9	9.2	48.3	209.2	257.8	2.7	22.5
50 TO 99 EMPLOYEES . . . . .	13	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
100 TO 249 EMPLOYEES . . . . .	19	3.1	23.2	2.5	5.1	16.4	70.8	182.6	254.2	4.6	21.5
250 TO 499 EMPLOYEES . . . . .	9	7.0	48.2	5.5	10.8	34.6	99.0	185.7	291.9	12.4	36.5
500 TO 999 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1,000 TO 2,499 EMPLOYEES . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

See footnotes at end of table.

TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establish- ments	All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new	End-of- year invent- ories
		Number	Payroll	Number	Man-hours	Wages					
	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
3352-- ALUMINUM ROLLING AND DRAWING											
ESTABLISHMENTS, TOTAL. . . . .	218	61.5	479.4	48.7	101.0	354.9	938.7	2 057.9	2 958.9	155.6	668.1
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	26	(2)	.3	(2)	.1	.2	.6	1.0	1.7	5.8	.4
5 TO 9 EMPLOYEES . . . . .	9	.1	.4	.1	.1	.3	2.1	5.4	7.2	(D)	.9
10 TO 19 EMPLOYEES . . . . .	20	.3	1.6	.2	.5	1.1	4.2	12.3	16.6	(D)	1.5
20 TO 49 EMPLOYEES . . . . .	34	1.2	7.1	1.0	2.1	5.1	17.2	49.6	66.6	4.4	8.2
50 TO 99 EMPLOYEES . . . . .	36	2.5	15.7	2.0	4.2	10.8	33.2	73.6	106.0	3.3	11.6
100 TO 249 EMPLOYEES . . . . .	50	8.0	53.2	6.0	12.6	35.4	105.6	243.1	346.5	28.8	59.9
250 TO 499 EMPLOYEES . . . . .	14	5.2	36.0	3.9	8.2	24.4	75.3	210.7	279.2	13.4	60.6
500 TO 999 EMPLOYEES . . . . .	14	10.0	79.0	7.5	15.7	56.0	175.6	438.3	607.1	25.3	115.9
1,000 TO 2,499 EMPLOYEES . . . . .	10	16.4	141.9	12.9	26.2	104.7	257.8	545.7	794.6	27.0	190.8
2,500 EMPLOYEES OR MORE. . . . .	5	17.9	144.2	15.0	31.3	116.8	267.0	478.1	733.4	47.5	218.4
ESTABLS. COVERED BY ADMIN. RECORDS <sup>1</sup> .	22	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3352-11 OPER. BY PRIMARY INTEG. PROD.											
ESTABLISHMENTS, TOTAL. . . . .	44	44.7	366.5	35.9	73.8	279.6	697.9	1 527.9	2 194.0	120.2	540.3
50 TO 99 EMPLOYEES . . . . .	4	.3	2.0	.3	.5	1.4	5.2	20.0	25.1	.6	2.1
100 TO 249 EMPLOYEES . . . . .	10	1.8	14.9	1.4	2.8	10.1	25.4	79.7	104.2	17.9	25.1
250 TO 499 EMPLOYEES . . . . .	6	2.4	18.3	1.9	3.9	13.2	36.0	76.8	108.1	5.7	29.1
500 TO 999 EMPLOYEES . . . . .	10	22.3	187.1	17.3	35.3	138.1	364.3	873.3	1 223.2	48.5	265.6
1,000 TO 2,499 EMPLOYEES . . . . .	9	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2,500 EMPLOYEES OR MORE. . . . .	5	17.9	144.2	15.0	31.3	116.8	267.0	478.1	733.4	47.5	218.4
3352-12 OPERATED BY NONINTEG. PRODUCERS											
ESTABLISHMENTS, TOTAL. . . . .	174	16.8	112.9	12.8	27.2	75.3	240.8	529.9	764.9	35.4	127.8
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	26	(2)	.3	(2)	.1	.2	.6	1.0	1.7	5.8	.4
5 TO 9 EMPLOYEES . . . . .	9	.1	.4	(2)	.1	.3	2.2	5.4	7.2	(D)	.9
10 TO 19 EMPLOYEES . . . . .	20	.3	1.6	.3	.5	1.1	4.2	12.3	16.6	(D)	1.5
20 TO 49 EMPLOYEES . . . . .	34	1.2	7.1	1.0	2.1	5.1	17.2	49.6	66.6	4.4	8.1
50 TO 99 EMPLOYEES . . . . .	32	2.2	13.7	1.7	3.7	9.3	28.0	53.6	80.9	2.7	9.6
100 TO 249 EMPLOYEES . . . . .	40	6.1	38.3	4.6	9.8	25.4	80.2	163.4	242.3	10.9	34.8
250 TO 499 EMPLOYEES . . . . .	8	2.7	17.7	2.0	4.3	11.3	39.3	133.9	171.1	7.7	31.4
500 TO 999 EMPLOYEES . . . . .	4	4.2	33.8	3.1	6.6	22.6	69.1	110.7	178.5	3.9	41.1
1,000 TO 2,499 EMPLOYEES . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3356-- NONFERROUS ROLLING & DRAWING, NEC											
ESTABLISHMENTS, TOTAL. . . . .	142	21.3	163.5	14.8	30.9	100.4	351.7	637.2	984.0	58.1	261.1
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	26	(2)	.3	(2)	.1	.2	.7	1.2	2.0	2.7	.3
5 TO 9 EMPLOYEES . . . . .	15	.1	.8	.1	.2	.5	2.2	8.8	11.0	.1	.5
10 TO 19 EMPLOYEES . . . . .	27	.4	2.5	.3	.5	1.4	6.6	33.7	40.1	.4	4.1
20 TO 49 EMPLOYEES . . . . .	20	.5	3.8	.4	.8	2.4	10.7	41.5	52.1	.6	4.5
50 TO 99 EMPLOYEES . . . . .	15	1.1	7.5	.9	1.8	5.0	17.3	87.2	103.8	2.0	16.7
100 TO 249 EMPLOYEES . . . . .	20	3.1	22.7	2.3	5.0	15.0	38.9	60.4	105.0	2.3	27.5
250 TO 499 EMPLOYEES . . . . .	9	2.6	19.6	1.9	4.0	12.8	32.7	105.0	146.2	4.0	25.4
500 TO 999 EMPLOYEES . . . . .	4	3.0	22.8	2.1	4.5	14.4	59.1	98.8	148.8	3.7	47.6
1,000 TO 2,499 EMPLOYEES . . . . .	4	10.4	83.5	6.8	14.0	48.6	183.3	200.5	375.1	42.5	134.4
2,500 EMPLOYEES OR MORE. . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABLS. COVERED BY ADMIN. RECORDS <sup>1</sup> .	19	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3357-- NONFERROUS WIREDRAWING, INSULATING											
ESTABLISHMENTS, TOTAL. . . . .	348	71.7	501.6	55.3	117.0	352.7	1 330.1	2 304.2	3 591.4	188.3	518.7
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	36	.1	.4	.1	.1	.3	.9	1.3	2.2	48.3	.3
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	13	.1	.5	.1	.1	.3	1.0	1.9	2.9	.1	.3
10 TO 19 EMPLOYEES . . . . .	24	.3	2.4	.3	.5	1.6	6.6	6.9	13.4	.3	1.3
20 TO 49 EMPLOYEES . . . . .	59	1.9	12.1	1.5	3.1	8.3	34.6	55.9	91.3	10.4	10.1
50 TO 99 EMPLOYEES . . . . .	52	3.8	22.8	3.2	6.7	17.2	62.7	125.0	185.0	10.1	23.6
100 TO 249 EMPLOYEES . . . . .	70	11.8	76.0	9.3	20.1	53.3	228.0	432.3	646.6	37.7	98.4
250 TO 499 EMPLOYEES . . . . .	52	18.4	126.5	14.4	31.2	91.8	366.3	674.4	1 025.8	22.7	138.2
500 TO 999 EMPLOYEES . . . . .	32	21.1	148.2	15.3	32.0	97.9	385.4	523.3	897.0	33.3	152.0
1,000 TO 2,499 EMPLOYEES . . . . .	10	14.3	112.7	11.1	23.2	82.0	244.6	483.2	727.3	25.4	94.4
ESTABLS. COVERED BY ADMIN. RECORDS <sup>1</sup> .	25	.1	.4	.1	.1	.3	.8	1.3	2.1	(2)	.3

See footnotes at end of table.



TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

(See Appendix, Explanation of Terms)											
Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number	Payroll	Number	Man-hours	Wages					
		(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					
3357-11 WITH ROO MILL											
ESTABLISHMENTS, TOTAL. . . . .	19	8.6	64.9	6.8	14.4	46.7	177.7	435.1	609.8	23.0	74.2
50 TO 99 EMPLOYEES . . . . .	1	1.5	11.1	1.2	2.7	7.5	31.9	60.6	91.1	2.5	12.8
100 TO 249 EMPLOYEES . . . . .	8	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
250 TO 499 EMPLOYEES . . . . .	4	7.1	53.8	5.6	11.7	39.2	145.8	374.5	518.7	20.5	61.4
500 TO 999 EMPLOYEES . . . . .	3	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1,000 TO 2,499 EMPLOYEES . . . . .	3	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
3357-12 W/O ROO MILL OR INSULATING											
ESTABLISHMENTS, TOTAL. . . . .	32	4.8	32.9	3.9	8.2	23.5	74.2	144.4	213.8	7.2	35.2
10 TO 19 EMPLOYEES . . . . .	1	(2)	.5	(2)	.1	.3	1.6	5.1	6.7	(2)	.8
20 TO 49 EMPLOYEES . . . . .	3	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
50 TO 99 EMPLOYEES . . . . .	10	.7	4.4	.7	1.3	3.6	14.6	27.1	41.8	.5	4.9
100 TO 249 EMPLOYEES . . . . .	14	2.5	16.8	2.0	4.3	12.2	34.3	76.0	107.8	4.0	18.3
250 TO 499 EMPLOYEES . . . . .	3	1.6	11.2	1.2	2.5	7.4	23.7	36.2	57.5	2.7	11.2
500 TO 999 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
3357-13 W/O ROO MILL BUT WITH INSULATING											
ESTABLISHMENTS, TOTAL. . . . .	102	39.2	285.2	29.6	62.4	199.6	774.6	1 279.9	2 025.2	84.5	309.8
10 TO 19 EMPLOYEES . . . . .	3	.3	2.1	.2	.6	1.3	10.2	15.0	26.2	5.7	1.3
20 TO 49 EMPLOYEES . . . . .	7	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
50 TO 99 EMPLOYEES . . . . .	11	.8	5.1	.6	1.5	3.8	10.4	37.2	45.4	7.2	9.3
100 TO 249 EMPLOYEES . . . . .	27	4.7	30.4	3.7	7.8	21.4	115.3	233.8	341.9	28.2	49.2
250 TO 499 EMPLOYEES . . . . .	26	9.5	66.4	7.4	15.9	48.5	192.7	345.3	529.0	11.0	78.2
500 TO 999 EMPLOYEES . . . . .	22	14.3	102.5	10.2	21.4	67.1	273.1	349.7	614.0	17.7	114.1
1,000 TO 2,499 EMPLOYEES . . . . .	6	9.6	78.7	7.5	15.2	57.3	172.8	298.2	468.7	14.7	57.7
3357-14 W/O WIREDRAWING DEPT.											
ESTABLISHMENTS, TOTAL. . . . .	195	19.1	118.6	15.0	32.0	82.9	303.6	445.5	742.6	73.6	99.5
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	36	.1	.4	.1	.1	.3	.9	1.3	2.2	48.3	.3
5 TO 9 EMPLOYEES . . . . .	13	.1	.5	.1	.1	.3	1.0	1.9	2.9	.1	.3
10 TO 19 EMPLOYEES . . . . .	20	4.0	24.5	3.4	6.7	17.4	64.1	100.4	163.7	7.3	17.8
20 TO 49 EMPLOYEES . . . . .	49	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
50 TO 99 EMPLOYEES . . . . .	30	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
100 TO 249 EMPLOYEES . . . . .	21	9.7	59.9	7.6	16.8	42.7	168.0	222.2	289.5	10.8	58.5
250 TO 499 EMPLOYEES . . . . .	19	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
500 TO 999 EMPLOYEES . . . . .	6	5.3	33.3	3.9	8.3	22.3	69.6	119.8	188.3	7.1	22.6
1,000 TO 2,499 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
3361-- ALUMINUM CASTINGS											
ESTABLISHMENTS, TOTAL. . . . .	992	45.2	312.9	38.8	78.8	243.6	516.6	405.7	920.5	38.7	67.2
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	287	.5	2.8	.5	.9	2.3	6.2	4.4	10.7	.1	.5
5 TO 9 EMPLOYEES . . . . .	133	.9	5.4	.8	1.6	4.5	10.1	6.7	16.8	.4	.7
10 TO 19 EMPLOYEES . . . . .	161	2.3	14.1	2.0	4.0	11.2	25.2	16.5	41.5	1.1	2.0
20 TO 49 EMPLOYEES . . . . .	212	6.5	40.3	5.7	11.3	31.4	68.3	47.7	115.5	4.2	6.7
50 TO 99 EMPLOYEES . . . . .	97	6.8	42.0	5.9	12.0	32.5	72.8	58.0	130.6	5.1	8.3
100 TO 249 EMPLOYEES . . . . .	68	10.3	69.2	8.9	18.6	52.9	115.6	87.6	202.5	9.3	14.1
250 TO 499 EMPLOYEES . . . . .	24	8.3	61.9	6.9	14.9	47.3	91.1	71.6	162.1	6.7	13.5
500 TO 999 EMPLOYEES . . . . .	6	4.2	34.7	3.4	6.6	26.9	57.6	61.0	118.3	8.2	11.2
1,000 TO 2,499 EMPLOYEES . . . . .	4	5.4	42.5	4.6	9.1	34.7	69.8	52.3	122.5	3.5	10.1
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> . . . . .	312	.8	4.4	.8	1.4	3.7	9.5	6.3	15.8	.3	.8

See footnotes at end of table.

TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)											
Item	Establish- ments (number)	All employees		Production workers			Value added by manufac- ture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expendi- tures, new (million dollars)	End-of- year inventories (million dollars)
		Number	Payroll	Number	Man-hours	Wages					
		(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					
3362-- BRASS, BRONZE, AND COPPER CASTINGS											
ESTABLISHMENTS, TOTAL . . . . .	534	17.9	119.8	15.1	30.6	89.2	226.8	218.0	445.2	12.4	52.5
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	127	.2	1.3	.2	.4	1.0	3.5	3.1	6.6	(2)	.5
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	74	.5	3.1	.5	.9	2.4	7.2	5.8	13.1	.2	.7
10 TO 19 EMPLOYEES . . . . .	126	1.8	10.7	1.5	2.9	8.1	20.0	20.5	40.4	.7	3.2
20 TO 49 EMPLOYEES . . . . .	121	3.5	23.0	3.0	6.2	17.3	42.3	45.2	87.3	2.5	7.5
50 TO 99 EMPLOYEES . . . . .	46	3.1	20.8	2.7	5.3	16.0	39.6	44.3	83.6	2.4	8.0
100 TO 249 EMPLOYEES . . . . .	28	4.1	28.2	3.4	7.2	21.3	49.3	49.5	98.2	2.6	14.3
250 TO 499 EMPLOYEES . . . . .	10	4.7	32.7	3.7	7.8	23.0	65.0	49.6	116.1	3.9	18.2
500 TO 999 EMPLOYEES . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	150	.4	2.4	.4	.8	1.8	5.5	4.9	10.4	.1	1.2
3369-- NONFERROUS CASTINGS, NEC											
ESTABLISHMENTS, TOTAL . . . . .	360	26.6	176.9	22.1	45.0	131.2	324.1	233.0	556.3	18.2	51.7
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	85	.2	.9	.2	.3	.7	2.3	1.7	4.1	.4	.2
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	45	.3	2.0	.3	.5	1.4	4.6	2.9	7.4	.3	.3
10 TO 19 EMPLOYEES . . . . .	50	.7	4.4	.6	1.2	3.1	8.6	6.2	14.7	.3	.8
20 TO 49 EMPLOYEES . . . . .	75	2.4	14.9	2.0	4.2	10.7	32.1	22.6	54.6	1.8	2.9
50 TO 99 EMPLOYEES . . . . .	42	2.9	18.0	2.5	5.1	13.4	33.6	30.1	63.6	2.9	3.7
100 TO 249 EMPLOYEES . . . . .	39	5.6	36.1	4.8	9.8	27.5	62.9	52.8	115.1	4.6	8.3
250 TO 499 EMPLOYEES . . . . .	15	5.3	37.4	4.3	8.8	26.2	53.5	39.7	92.9	2.2	10.6
500 TO 999 EMPLOYEES . . . . .	5	3.9	24.3	3.2	6.0	18.9	51.4	38.3	90.4	1.7	10.0
1,000 TO 2,499 EMPLOYEES . . . . .	4	5.4	38.6	4.3	9.2	29.3	75.1	38.6	113.5	4.0	14.9
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	90	.2	1.2	.2	.4	1.0	2.9	2.1	5.0	.2	.3
3391-- IRON AND STEEL FORGINGS											
ESTABLISHMENTS, TOTAL . . . . .	272	41.2	345.9	33.4	67.2	265.6	607.4	657.2	1,261.6	45.0	200.1
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	35	.1	.5	.1	.1	.4	1.0	.9	1.9	1.5	.2
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	19	.1	1.0	.1	.2	.8	2.7	1.6	4.3	(0)	.3
10 TO 19 EMPLOYEES . . . . .	29	.4	2.9	.3	.6	2.1	6.6	3.9	10.5	(0)	.7
20 TO 49 EMPLOYEES . . . . .	51	1.8	13.7	1.5	3.1	9.9	27.1	29.8	57.2	2.7	6.4
50 TO 99 EMPLOYEES . . . . .	38	2.7	22.0	2.2	4.8	16.1	48.9	52.7	101.2	2.6	13.2
100 TO 249 EMPLOYEES . . . . .	63	10.1	81.3	8.2	16.8	60.6	153.0	150.9	300.9	9.0	44.8
250 TO 499 EMPLOYEES . . . . .	21	7.3	62.2	6.0	11.9	49.1	109.0	118.9	226.8	6.8	30.4
500 TO 999 EMPLOYEES . . . . .	10	6.5	52.7	5.4	11.3	42.5	90.1	103.5	194.2	4.1	31.6
1,000 TO 2,499 EMPLOYEES . . . . .	5	12.2	109.6	9.5	18.4	84.1	169.0	195.0	364.7	18.2	72.5
2,500 EMPLOYEES OR MORE . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	27	.1	.4	.1	.1	.3	.8	.8	1.6	(2)	.2
3392-- NONFERROUS FORGINGS											
ESTABLISHMENTS, TOTAL . . . . .	41	10.1	87.5	7.4	16.5	61.4	154.4	178.0	333.1	32.4	72.2
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	2	(2)	.1	(2)	(2)	.1	.2	.2	.4	(2)	(2)
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
10 TO 19 EMPLOYEES . . . . .	6	.1	.5	.1	.2	.4	1.0	1.5	2.5	.1	.2
20 TO 49 EMPLOYEES . . . . .	11	.3	2.8	.3	.6	2.1	11.2	6.4	17.4	5.7	1.7
50 TO 99 EMPLOYEES . . . . .	5	.4	3.5	.3	.7	2.3	6.9	4.5	11.3	.3	1.2
100 TO 249 EMPLOYEES . . . . .	9	3.1	25.4	2.4	5.1	18.9	49.6	55.0	105.4	3.7	16.0
250 TO 499 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
500 TO 999 EMPLOYEES . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1,000 TO 2,499 EMPLOYEES . . . . .	2	6.1	55.2	4.4	9.9	37.7	85.5	109.9	196.2	22.6	53.0
2,500 EMPLOYEES OR MORE . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	4	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
3399-- PRIMARY METAL PRODUCTS, NEC											
ESTABLISHMENTS, TOTAL . . . . .	959	24.7	179.4	19.7	41.4	124.5	370.2	211.0	578.5	35.0	46.3
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	238	.4	3.1	.4	.8	2.2	7.6	2.9	10.5	2.3	1.7
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	158	1.1	8.4	.9	1.8	5.5	17.6	6.7	24.2	.9	.9
10 TO 19 EMPLOYEES . . . . .	192	2.7	19.6	2.1	4.4	13.3	45.4	13.2	58.7	3.9	1.8
20 TO 49 EMPLOYEES . . . . .	238	7.5	54.0	6.0	12.6	37.3	112.4	48.2	159.7	9.3	8.3
50 TO 99 EMPLOYEES . . . . .	101	7.1	50.8	5.7	11.8	36.1	103.3	70.2	173.1	10.5	12.6
100 TO 249 EMPLOYEES . . . . .	27	4.2	31.3	3.3	7.2	21.5	62.6	50.9	111.1	5.5	14.2
250 TO 499 EMPLOYEES . . . . .	5	1.7	12.2	1.4	2.8	8.7	21.4	19.0	41.3	2.6	6.8
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	222	.5	3.3	.5	.9	2.3	7.7	2.9	10.6	2.2	1.7

See footnotes at end of table.



TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					
<b>3411-- METAL CANS</b>											
ESTABLISHMENTS, TOTAL. . . . .	299	60.3	474.4	52.3	112.7	393.3	1 141.5	1 786.2	2 890.6	99.2	449.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	21	(2)	.3	(2)	.1	.2	.7	1.3	2.1	6.5	.3
5 TO 9 EMPLOYEES . . . . .	8	.1	.4	(2)	.1	.3	1.8	3.7	5.3	(0)	.7
10 TO 19 EMPLOYEES . . . . .	29	.4	2.7	.3	.7	2.1	13.6	23.0	35.8	(0)	6.9
20 TO 49 EMPLOYEES . . . . .	61	1.9	13.1	1.7	3.4	10.6	43.3	87.6	128.7	9.5	18.4
50 TO 99 EMPLOYEES . . . . .	43	3.2	22.8	2.7	6.0	18.3	78.5	129.7	205.1	7.0	35.9
100 TO 249 EMPLOYEES . . . . .	61	10.0	76.9	8.6	18.6	63.3	241.2	402.9	634.6	22.3	103.7
250 TO 499 EMPLOYEES . . . . .	40	13.6	104.6	11.6	24.8	85.6	251.2	398.1	641.9	20.7	100.4
500 TO 999 EMPLOYEES . . . . .	27	21.0	252.6	27.3	58.9	212.8	511.1	739.8	1 237.1	33.2	183.3
1,000 TO 2,499 EMPLOYEES . . . . .	9	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> .	16	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
<b>3421-- CUTLERY</b>											
ESTABLISHMENTS, TOTAL. . . . .	146	13.0	80.2	10.4	20.5	54.5	276.3	104.9	378.5	11.5	62.8
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	41	.1	.4	.1	.1	.3	1.1	.5	1.6	.2	.3
5 TO 9 EMPLOYEES . . . . .	19	.1	.8	.1	.2	.6	1.9	1.4	3.3	(0)	.4
10 TO 19 EMPLOYEES . . . . .	17	.2	1.1	.2	.3	.8	2.1	1.1	3.2	(0)	.5
20 TO 49 EMPLOYEES . . . . .	24	.7	3.6	.6	1.2	2.7	7.1	6.0	12.9	.1	1.9
50 TO 99 EMPLOYEES . . . . .	17	1.3	6.9	1.1	2.2	5.1	13.4	9.4	22.3	.3	3.9
100 TO 249 EMPLOYEES . . . . .	20	3.4	18.0	2.9	5.8	13.9	31.7	18.8	49.9	1.0	10.7
250 TO 499 EMPLOYEES . . . . .	3	1.1	6.2	.9	2.0	4.7	10.1	5.5	15.4	.6	4.0
500 TO 999 EMPLOYEES . . . . .	3	6.1	42.1	4.5	8.7	26.4	209.1	62.1	269.9	9.2	41.0
1,000 TO 2,499 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2,500 EMPLOYEES OR MORE. . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> .	41	.1	.5	.1	.2	.4	1.2	.6	1.7	(2)	.3
<b>3423-- HAND AND EDGE TOOLS, NEC</b>											
ESTABLISHMENTS, TOTAL. . . . .	667	35.9	232.9	28.7	57.9	165.8	509.4	311.9	813.5	23.3	177.5
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	242	.4	2.0	.4	.6	1.4	8.1	3.5	11.6	(2)	1.4
5 TO 9 EMPLOYEES . . . . .	83	.6	3.5	.5	1.0	2.4	7.3	4.4	11.6	.3	1.8
10 TO 19 EMPLOYEES . . . . .	90	1.3	7.9	1.0	1.9	5.3	15.9	8.0	23.7	.4	3.0
20 TO 49 EMPLOYEES . . . . .	106	3.4	19.9	2.8	5.4	13.9	40.2	23.3	62.8	1.7	11.0
50 TO 99 EMPLOYEES . . . . .	59	4.1	25.7	3.3	6.9	17.6	57.1	39.8	95.4	2.5	17.1
100 TO 249 EMPLOYEES . . . . .	49	7.7	48.7	6.2	12.8	35.0	102.7	67.2	169.2	7.1	40.2
250 TO 499 EMPLOYEES . . . . .	27	9.5	62.4	7.6	15.4	45.4	141.9	77.7	218.2	5.1	50.6
500 TO 999 EMPLOYEES . . . . .	9	9.0	62.8	6.9	13.9	44.9	136.3	87.9	221.1	6.2	52.6
1,000 TO 2,499 EMPLOYEES . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> .	251	.6	2.8	.6	.9	2.0	6.8	4.0	10.9	.1	2.1
<b>3425-- HANDSAWS AND SAW BLADES</b>											
ESTABLISHMENTS, TOTAL. . . . .	85	6.3	43.4	4.8	10.1	29.5	97.1	58.3	154.3	3.9	35.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	14	.1	.6	.1	.1	.4	4.5	2.4	6.9	.2	1.4
5 TO 9 EMPLOYEES . . . . .	10	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
10 TO 19 EMPLOYEES . . . . .	12	.2	1.0	.1	.2	.6	2.2	1.8	4.0	.1	.5
20 TO 49 EMPLOYEES . . . . .	17	.5	3.7	.4	.9	2.6	5.6	3.7	9.8	.1	1.6
50 TO 99 EMPLOYEES . . . . .	16	1.1	6.8	.9	1.8	4.5	13.6	5.7	19.1	.7	4.6
100 TO 249 EMPLOYEES . . . . .	11	4.3	21.2	3.2	6.0	21.4	71.3	44.7	114.6	2.8	27.0
250 TO 499 EMPLOYEES . . . . .	3	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
500 TO 999 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1,000 TO 2,499 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> .	17	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
<b>3429-- HARDWARE, NEC</b>											
ESTABLISHMENTS, TOTAL. . . . .	1 041	100.8	686.7	80.0	171.4	492.4	1 435.5	954.5	2 368.3	81.3	389.5
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	301	.5	2.7	.5	.8	2.0	7.6	5.4	13.0	5.2	2.1
5 TO 9 EMPLOYEES . . . . .	124	.8	5.2	.7	11.9	3.5	11.2	10.7	21.9	(0)	3.1
10 TO 19 EMPLOYEES . . . . .	132	1.8	10.8	1.5	2.8	7.4	21.3	18.2	39.1	.8	5.2
20 TO 49 EMPLOYEES . . . . .	191	6.1	35.6	4.9	9.6	23.8	72.6	66.8	137.7	4.7	19.8
50 TO 99 EMPLOYEES . . . . .	99	6.9	41.6	5.4	10.7	27.4	83.7	62.5	146.4	3.8	25.9
100 TO 249 EMPLOYEES . . . . .	105	16.5	102.1	13.1	26.3	69.0	205.6	159.5	360.9	11.5	71.1
250 TO 499 EMPLOYEES . . . . .	54	18.0	110.0	13.9	28.2	76.2	204.9	152.8	359.0	11.4	66.0
500 TO 999 EMPLOYEES . . . . .	18	12.9	89.1	9.9	19.9	61.1	191.4	135.3	323.6	10.1	63.7
1,000 TO 2,499 EMPLOYEES . . . . .	13	37.3	289.4	30.2	61.3	222.1	637.2	343.3	966.7	33.8	132.6
2,500 EMPLOYEES OR MORE. . . . .	4	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> .	328	.8	4.1	.8	1.2	3.0	9.3	7.4	16.8	.3	3.0

See footnotes at end of table.

TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)											
Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number	Payroll	Number	Man-hours	Wages					
		(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					
3431-- METAL SANITARY WARE											
ESTABLISHMENTS, TOTAL . . . . .	91	10.1	71.3	8.1	16.4	53.5	140.6	109.3	251.2	7.6	43.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>1</sup> . . . . .	17	(2)	.1	(2)	(2)	.1	.3	.3	.6	(2)	.1
5 TO 9 EMPLOYEES . . . . .	9	.1	.4	(2)	.1	.2	1.0	.5	1.5	(2)	.2
10 TO 19 EMPLOYEES . . . . .	14	.2	1.3	.2	.3	.9	2.8	3.3	6.0	.2	.7
20 TO 49 EMPLOYEES . . . . .	24	.8	5.6	.6	1.2	3.9	8.2	11.2	20.4	.2	2.8
50 TO 99 EMPLOYEES . . . . .	7	.5	2.5	.4	.7	1.7	8.6	5.6	14.3	.3	2.2
100 TO 249 EMPLOYEES . . . . .	10	1.7	12.2	1.3	2.7	7.9	25.5	23.4	49.3	1.3	8.4
250 TO 499 EMPLOYEES . . . . .	6	2.6	17.1	2.1	3.9	13.1	35.3	22.6	58.5	.8	8.9
500 TO 999 EMPLOYEES . . . . .	3	4.2	32.0	3.6	7.5	25.6	58.8	42.3	100.6	4.9	19.8
1,000 TO 2,499 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>10</sup>	16	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
3432-- PLUMBING FITTINGS AND BRASS GOODS											
ESTABLISHMENTS, TOTAL . . . . .	214	14.5	92.6	11.4	22.8	64.2	183.3	217.9	404.7	8.2	90.5
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>1</sup> . . . . .	75	.1	.7	.1	.2	.5	1.6	1.6	3.2	(2)	.5
5 TO 9 EMPLOYEES . . . . .	23	.1	1.0	.1	.2	.6	2.3	2.6	4.9	.1	.8
10 TO 19 EMPLOYEES . . . . .	26	.4	1.9	.3	.5	1.3	5.1	6.1	11.0	.2	1.6
20 TO 49 EMPLOYEES . . . . .	28	.9	4.9	.7	1.3	3.3	10.0	12.1	22.5	.4	3.4
50 TO 99 EMPLOYEES . . . . .	20	1.4	8.6	1.2	2.2	5.5	13.5	22.4	36.0	.4	6.2
100 TO 249 EMPLOYEES . . . . .	27	4.3	26.3	3.4	7.1	18.3	53.7	78.1	132.6	1.8	32.9
250 TO 499 EMPLOYEES . . . . .	8	2.7	17.4	2.1	4.0	11.7	30.5	27.6	59.7	1.7	17.7
500 TO 999 EMPLOYEES . . . . .	7	4.6	31.9	3.5	7.2	22.9	66.6	67.4	134.8	3.5	27.5
ESTABS. COVERED BY ADMIN. RECORDS <sup>10</sup>	82	.2	1.0	.2	.3	.7	2.2	2.4	4.7	(2)	.7
3433-- HEATING EQUIPMENT, EXCEPT ELECTRIC											
ESTABLISHMENTS, TOTAL . . . . .	533	40.6	264.0	29.0	57.5	160.7	547.9	526.8	1 069.0	31.3	236.2
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>1</sup> . . . . .	151	.3	1.6	.3	.4	1.0	3.5	3.7	7.2	(2)	1.2
5 TO 9 EMPLOYEES . . . . .	60	.4	2.6	.3	.6	1.7	5.4	5.3	10.7	.2	1.9
10 TO 19 EMPLOYEES . . . . .	75	1.1	7.3	.8	1.5	4.3	12.6	15.7	28.3	.4	4.8
20 TO 49 EMPLOYEES . . . . .	86	2.7	17.1	2.0	3.8	10.6	34.3	33.7	67.1	1.0	12.2
50 TO 99 EMPLOYEES . . . . .	51	3.6	23.1	2.6	5.3	13.4	50.2	46.3	94.1	1.9	17.6
100 TO 249 EMPLOYEES . . . . .	61	9.5	60.4	6.9	13.6	36.0	115.5	112.4	227.3	5.7	48.9
250 TO 499 EMPLOYEES . . . . .	32	10.8	72.8	7.5	15.1	43.7	152.7	140.9	293.0	7.4	71.1
500 TO 999 EMPLOYEES . . . . .	15	12.3	79.1	8.7	17.2	50.0	173.9	168.7	341.3	14.6	78.5
1,000 TO 2,499 EMPLOYEES . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>10</sup>	161	.4	2.2	.4	.6	1.4	4.5	4.3	8.8	.1	1.8
3441-- FABRICATED STRUCTURAL STEEL											
ESTABLISHMENTS, TOTAL . . . . .	1 960	107.5	773.6	80.1	163.6	509.9	1 319.3	1 624.6	2 967.8	76.6	599.8
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>1</sup> . . . . .	311	.6	4.1	.6	.9	2.9	10.1	8.9	19.0	3.5	2.6
5 TO 9 EMPLOYEES . . . . .	219	1.5	11.2	1.2	2.4	7.8	20.9	19.8	40.8	.9	4.7
10 TO 19 EMPLOYEES . . . . .	395	5.5	39.0	4.2	8.4	26.7	67.8	65.4	132.6	2.7	13.0
20 TO 49 EMPLOYEES . . . . .	538	16.7	120.7	12.8	25.6	80.5	219.5	240.9	457.6	10.8	53.1
50 TO 99 EMPLOYEES . . . . .	245	16.9	125.7	12.7	26.4	81.6	234.0	275.8	510.0	12.4	69.7
100 TO 249 EMPLOYEES . . . . .	175	27.1	192.9	19.9	42.3	126.4	341.7	411.3	749.4	18.9	139.5
250 TO 499 EMPLOYEES . . . . .	57	20.2	147.2	14.7	30.5	95.0	245.7	329.5	581.9	12.3	101.5
500 TO 999 EMPLOYEES . . . . .	13	8.2	54.9	6.2	12.2	38.2	70.4	124.2	212.8	5.4	81.9
1,000 TO 2,499 EMPLOYEES . . . . .	7	10.8	77.9	7.8	14.9	50.8	109.2	148.8	263.7	9.7	133.8
ESTABS. COVERED BY ADMIN. RECORDS <sup>10</sup>	268	.7	4.3	.6	1.0	3.0	9.5	9.7	19.1	.2	2.8
3442-- METAL DOORS, SASH, AND TRIM											
ESTABLISHMENTS, TOTAL . . . . .	1 646	63.9	378.5	47.9	94.8	235.7	651.1	764.6	1 413.6	24.3	208.9
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>1</sup> . . . . .	559	1.0	5.4	1.0	1.5	3.5	12.7	16.0	28.7	.2	3.5
5 TO 9 EMPLOYEES . . . . .	216	1.5	9.0	1.2	2.2	5.4	16.0	18.9	35.1	.6	4.0
10 TO 19 EMPLOYEES . . . . .	274	3.8	22.1	2.6	5.1	12.6	41.8	47.8	89.5	1.3	11.1
20 TO 49 EMPLOYEES . . . . .	284	9.0	51.2	6.8	13.2	32.3	90.5	107.0	197.4	2.5	25.4
50 TO 99 EMPLOYEES . . . . .	164	11.4	64.7	8.6	17.0	41.3	118.7	139.5	257.6	4.3	36.8
100 TO 249 EMPLOYEES . . . . .	100	15.7	92.3	11.9	24.3	57.8	163.8	191.9	355.3	6.9	50.9
250 TO 499 EMPLOYEES . . . . .	35	11.9	73.9	8.5	16.9	44.3	117.0	123.4	236.1	4.9	40.3
500 TO 999 EMPLOYEES . . . . .	13	9.7	59.8	7.3	14.5	38.4	90.6	120.1	214.0	3.8	37.0
1,000 TO 2,499 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>10</sup>	576	1.4	7.5	1.4	2.1	4.8	16.0	20.0	36.0	.3	4.6

See footnotes at end of table.



TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)											
Item	Establish- ments	All employees		Production workers			Value added by manu- facture	Cost of materials	Value of shipments	Capital expendi- tures, new	End-of- year inventories
		Number	Payroll	Number	Man-hours	Wages					
		(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
3443-- FABRICATED PLATEWK (BOILER SHOPS)											
ESTABLISHMENTS, TOTAL . . . . .	1 465	96.4	700.4	73.1	150.4	477.5	1 393.4	1 303.9	2 688.5	81.9	510.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>c</sup> . . . . .	295	.5	3.4	.5	.9	2.4	8.2	7.2	15.6	1.8	2.0
5 TO 9 EMPLOYEES <sup>c</sup> . . . . .	141	1.0	6.8	.8	1.5	4.7	12.7	12.1	24.8	.6	2.9
10 TO 19 EMPLOYEES . . . . .	245	3.4	24.3	2.7	5.4	17.0	50.1	40.0	89.8	1.9	9.4
20 TO 49 EMPLOYEES . . . . .	381	12.2	87.7	9.6	19.7	60.4	153.6	151.2	305.1	7.7	41.7
50 TO 99 EMPLOYEES . . . . .	209	14.4	101.2	11.0	22.8	68.6	172.4	180.0	355.2	8.3	56.0
100 TO 249 EMPLOYEES . . . . .	126	19.1	137.9	14.5	30.5	93.0	263.4	264.6	526.7	13.6	93.2
250 TO 499 EMPLOYEES . . . . .	37	12.3	92.7	8.7	17.8	57.5	172.4	187.7	363.7	12.1	69.4
500 TO 999 EMPLOYEES . . . . .	23	16.5	119.1	13.1	26.9	88.7	273.8	212.8	473.8	15.2	102.9
1,000 TO 2,499 EMPLOYEES . . . . .	6	17.1	127.2	12.1	24.9	85.2	286.8	248.3	533.8	20.8	132.9
2,500 EMPLOYEES OR MORE . . . . .	2	(D)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN.RECORDS <sup>1 e</sup>	260	.5	3.4	.5	.9	2.3	7.7	7.3	15.0	.3	2.1
3444-- SHEET METALWORK											
ESTABLISHMENTS, TOTAL . . . . .	3 054	68.1	490.7	52.9	105.8	336.0	889.3	927.5	1 812.4	44.4	254.2
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>c</sup> . . . . .	1 254	2.2	12.6	2.2	3.4	9.0	29.9	23.5	53.3	1.8	7.8
5 TO 9 EMPLOYEES <sup>c</sup> . . . . .	459	3.1	21.7	2.7	4.9	15.7	41.8	34.8	76.4	1.7	9.1
10 TO 19 EMPLOYEES . . . . .	530	7.5	52.4	5.9	11.8	36.7	93.7	87.8	181.1	4.6	22.1
20 TO 49 EMPLOYEES . . . . .	499	15.0	107.8	11.9	23.7	76.1	193.3	196.2	390.5	7.5	47.6
50 TO 99 EMPLOYEES . . . . .	191	13.4	99.1	10.6	21.5	70.0	161.6	156.8	316.0	11.8	50.1
100 TO 249 EMPLOYEES . . . . .	93	14.3	101.0	10.9	22.4	68.4	184.8	187.6	368.7	7.9	58.4
250 TO 499 EMPLOYEES . . . . .	20	7.2	53.3	5.2	10.4	34.9	101.5	139.4	241.2	4.9	28.2
500 TO 999 EMPLOYEES . . . . .	8	5.5	42.9	3.7	7.7	25.2	82.6	101.4	185.1	4.2	31.1
ESTABS. COVERED BY ADMIN.RECORDS <sup>1 e</sup>	1 286	2.8	16.2	2.8	4.5	11.5	36.4	28.6	65.0	1.1	9.7
3446-- ARCHITECTURAL METALWORK											
ESTABLISHMENTS, TOTAL . . . . .	1 377	19.3	123.0	15.4	29.5	81.5	232.6	254.6	484.9	7.4	60.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>c</sup> . . . . .	833	1.4	6.9	1.3	2.2	4.9	16.8	11.8	28.6	.1	3.3
5 TO 9 EMPLOYEES <sup>c</sup> . . . . .	197	1.3	7.5	1.2	2.0	5.2	13.6	10.5	24.0	.3	2.3
10 TO 19 EMPLOYEES . . . . .	149	2.1	14.3	1.6	3.2	9.3	24.6	18.8	43.3	.7	3.7
20 TO 49 EMPLOYEES . . . . .	127	4.1	26.4	3.1	6.3	17.1	50.6	38.3	88.9	1.5	10.8
50 TO 99 EMPLOYEES . . . . .	33	2.3	16.5	1.7	3.4	10.1	29.5	22.1	51.0	.7	6.8
100 TO 249 EMPLOYEES . . . . .	30	4.2	25.7	3.3	6.3	16.4	51.5	47.0	97.6	1.7	15.3
250 TO 499 EMPLOYEES . . . . .	6	3.9	25.7	2.2	6.0	18.5	46.0	106.0	151.4	2.5	17.9
500 TO 999 EMPLOYEES . . . . .	1	(D)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1,000 TO 2,499 EMPLOYEES . . . . .	1	(D)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN.RECORDS <sup>1 e</sup>	854	1.9	9.3	1.9	3.0	6.5	21.0	14.9	35.9	.2	4.3
3449-- MISCELLANEOUS METALWORK											
ESTABLISHMENTS, TOTAL . . . . .	649	32.7	220.7	23.2	47.4	137.4	448.6	637.2	1 082.0	23.0	181.9
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>c</sup> . . . . .	224	.4	2.0	.4	.6	1.2	5.0	5.5	10.5	(2)	1.7
5 TO 9 EMPLOYEES <sup>c</sup> . . . . .	77	.6	3.4	.4	.8	2.3	6.8	8.5	15.2	.3	1.7
10 TO 19 EMPLOYEES . . . . .	68	.9	6.3	.7	1.4	3.9	12.3	13.5	25.6	1.4	3.0
20 TO 49 EMPLOYEES . . . . .	117	3.6	23.0	2.5	5.2	13.7	42.4	76.1	117.2	2.5	15.9
50 TO 99 EMPLOYEES . . . . .	69	5.0	33.0	3.6	7.5	20.0	67.5	114.8	180.6	5.1	28.5
100 TO 249 EMPLOYEES . . . . .	64	10.3	71.5	7.2	14.5	42.8	139.3	206.3	345.5	6.0	64.8
250 TO 499 EMPLOYEES . . . . .	25	8.8	58.6	6.0	12.6	37.0	120.6	132.0	251.1	4.3	44.4
500 TO 999 EMPLOYEES . . . . .	5	3.1	22.8	2.4	4.8	16.4	54.7	80.5	136.2	3.4	21.8
ESTABS. COVERED BY ADMIN.RECORDS <sup>1 e</sup>	203	.4	2.4	.4	.7	1.5	5.3	5.5	10.7	.1	1.6
3451--SCREEN MACHINE PRODUCTS											
ESTABLISHMENTS, TOTAL . . . . .	1 874	49.0	349.1	41.5	88.2	258.5	641.5	386.2	1 021.5	49.7	93.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>c</sup> . . . . .	559	1.1	6.4	1.0	1.8	5.1	17.3	9.7	26.9	1.0	2.0
5 TO 9 EMPLOYEES <sup>c</sup> . . . . .	258	1.8	12.1	1.6	3.3	9.6	24.4	13.9	38.2	1.5	2.1
10 TO 19 EMPLOYEES . . . . .	376	5.3	36.5	4.4	9.1	27.2	71.6	37.6	108.6	5.4	6.3
20 TO 49 EMPLOYEES . . . . .	425	13.1	92.4	11.1	23.6	67.5	170.7	98.7	268.6	15.6	20.1
50 TO 99 EMPLOYEES . . . . .	173	11.9	85.3	10.1	21.9	63.6	158.5	99.0	255.7	11.1	22.9
100 TO 249 EMPLOYEES . . . . .	66	9.4	65.6	7.9	17.0	49.0	119.1	74.3	191.1	9.3	22.3
250 TO 499 EMPLOYEES . . . . .	16	6.5	50.7	5.3	11.5	36.4	79.9	53.0	132.3	5.7	17.9
1,000 TO 2,499 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(D)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN.RECORDS <sup>1 e</sup>	557	1.3	8.1	1.3	2.4	6.5	20.4	11.0	31.3	.7	2.5

See footnotes at end of table.

TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)											
Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number	Payroll	Number	Man-hours	Wages					
		(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					
3452-- BOLTS, NUTS, RIVETS, AND WASHERS											
ESTABLISHMENTS, TOTAL . . . . .	662	67.2	498.1	52.2	108.5	347.2	979.4	690.1	1 643.9	70.7	320.8
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	122	.2	1.6	.2	.4	1.2	4.5	3.0	7.5	.7	1.0
5 TO 9 EMPLOYEES . . . . .	57	.4	2.9	.3	.8	2.0	6.5	5.5	12.2	.5	1.5
10 TO 19 EMPLOYEES . . . . .	91	1.3	8.7	1.0	2.1	6.0	17.9	14.4	32.2	1.5	3.0
20 TO 49 EMPLOYEES . . . . .	160	5.0	34.4	4.0	8.3	23.3	69.2	57.9	126.2	5.8	16.4
50 TO 99 EMPLOYEES . . . . .	77	5.5	39.5	4.4	9.3	26.7	82.3	75.9	156.8	4.3	22.8
100 TO 249 EMPLOYEES . . . . .	93	14.2	102.8	11.0	23.1	70.0	202.6	178.1	375.5	17.9	76.3
250 TO 499 EMPLOYEES . . . . .	30	11.0	83.5	8.2	17.1	57.0	165.7	110.7	274.3	12.9	56.0
500 TO 999 EMPLOYEES . . . . .	24	17.4	130.7	13.4	27.9	91.5	256.3	163.1	413.0	13.6	85.1
1,000 TO 2,499 EMPLOYEES . . . . .	7	12.1	93.9	9.7	19.5	69.4	174.3	81.6	246.4	13.5	58.8
2,500 EMPLOYEES OR MORE . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1e</sup>	105	.2	1.6	.2	.4	1.1	3.6	3.0	6.6	.3	1.0
3461-- METAL STAMPINGS											
ESTABLISHMENTS, TOTAL . . . . .	2 710	225.9	1 685.5	187.0	379.8	1 272.4	3 030.8	2 874.7	5 893.7	195.8	705.3
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	580	1.1	6.3	1.1	1.8	4.7	14.1	9.5	23.6	.3	2.3
5 TO 9 EMPLOYEES . . . . .	305	2.1	14.5	1.8	3.5	10.4	28.2	18.3	47.6	1.1	3.7
10 TO 19 EMPLOYEES . . . . .	474	6.8	45.4	5.5	10.9	31.8	85.3	60.1	145.0	6.0	11.1
20 TO 49 EMPLOYEES . . . . .	630	19.9	133.6	16.5	33.4	93.3	242.6	193.1	433.9	13.3	40.2
50 TO 99 EMPLOYEES . . . . .	327	23.0	150.3	19.0	39.1	107.5	279.0	220.3	498.0	19.8	52.9
100 TO 249 EMPLOYEES . . . . .	238	36.2	237.3	29.7	60.8	169.9	444.6	409.9	850.9	34.8	115.0
250 TO 499 EMPLOYEES . . . . .	92	31.2	199.8	25.9	53.3	148.1	346.4	360.1	704.2	20.3	103.4
500 TO 999 EMPLOYEES . . . . .	36	24.1	164.6	19.8	39.3	123.6	301.7	329.4	625.1	30.5	113.1
1,000 TO 2,499 EMPLOYEES . . . . .	10	16.6	142.0	13.3	27.6	109.3	252.1	271.2	528.7	16.8	65.4
2,500 EMPLOYEES OR MORE . . . . .	18	64.9	591.6	54.4	110.1	473.9	1 036.7	1 002.6	2 036.7	53.1	198.4
ESTABS. COVERED BY ADMIN. RECORDS <sup>1e</sup>	624	1.6	9.0	1.6	2.6	6.7	19.0	13.3	32.3	.5	3.2
3471-- PLATING AND POLISHING											
ESTABLISHMENTS, TOTAL . . . . .	3 241	55.1	323.2	46.8	92.5	239.1	574.8	218.1	791.1	33.1	36.9
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	1 237	2.3	12.0	2.2	3.8	9.8	26.8	8.9	35.7	.5	1.4
5 TO 9 EMPLOYEES . . . . .	570	3.8	22.9	3.5	6.5	18.1	42.1	13.1	55.1	1.8	2.0
10 TO 19 EMPLOYEES . . . . .	579	8.1	47.3	6.8	13.4	35.6	81.2	27.8	109.0	4.0	4.1
20 TO 49 EMPLOYEES . . . . .	620	18.9	110.9	16.0	31.9	82.3	193.0	71.6	264.0	11.6	11.7
50 TO 99 EMPLOYEES . . . . .	171	11.4	67.4	9.6	19.1	49.0	116.7	48.6	164.8	7.7	8.3
100 TO 249 EMPLOYEES . . . . .	54	7.2	43.3	6.0	12.4	30.9	76.4	35.5	111.9	4.8	6.9
250 TO 499 EMPLOYEES . . . . .	9	3.4	19.4	2.7	5.5	13.5	38.5	12.6	50.7	2.7	2.6
500 TO 999 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1e</sup>	1 384	3.7	19.0	3.6	6.1	15.4	37.9	12.3	50.2	1.1	2.0
3479-- METAL COATING AND ALLIED SERVICES											
ESTABLISHMENTS, TOTAL . . . . .	1 443	26.2	158.2	22.2	44.9	116.9	289.6	185.4	471.3	22.0	36.7
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	624	1.0	5.2	1.0	1.6	3.9	13.2	5.0	18.2	.2	1.0
5 TO 9 EMPLOYEES . . . . .	252	1.7	10.0	1.5	2.9	7.4	17.9	6.9	24.8	.7	1.2
10 TO 19 EMPLOYEES . . . . .	218	3.1	18.7	2.6	5.0	13.2	32.6	13.8	46.4	3.7	2.1
20 TO 49 EMPLOYEES . . . . .	226	7.1	41.9	6.1	12.1	30.8	73.4	31.6	104.9	3.0	5.6
50 TO 99 EMPLOYEES . . . . .	71	4.7	29.0	4.0	8.4	21.8	56.5	43.8	99.4	3.9	8.9
100 TO 249 EMPLOYEES . . . . .	48	7.1	42.6	6.0	12.6	32.5	77.4	64.6	139.8	8.9	14.0
250 TO 499 EMPLOYEES . . . . .	3	1.5	10.8	1.0	2.3	7.3	18.5	19.7	37.7	1.6	3.9
500 TO 999 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1e</sup>	661	1.6	8.0	1.6	2.7	5.9	18.0	6.9	24.8	.3	1.5
3481-- MIS. FABRICATED WIRE PRODUCTS											
ESTABLISHMENTS, TOTAL . . . . .	1 550	60.2	364.0	49.3	99.0	257.2	669.5	553.0	1 220.4	37.8	171.9
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	494	.9	4.7	.9	1.4	3.6	12.6	9.3	21.7	1.4	2.7
5 TO 9 EMPLOYEES . . . . .	234	1.6	9.4	1.4	2.6	6.8	19.5	16.6	36.0	1.0	3.6
10 TO 19 EMPLOYEES . . . . .	209	2.9	17.1	2.4	4.6	11.5	34.6	27.1	61.3	2.3	6.6
20 TO 49 EMPLOYEES . . . . .	313	9.7	55.2	8.1	16.0	38.4	101.1	83.2	183.8	6.0	21.1
50 TO 99 EMPLOYEES . . . . .	137	9.4	54.2	7.8	15.5	38.1	99.1	84.2	183.0	5.5	25.7
100 TO 249 EMPLOYEES . . . . .	126	19.4	117.1	15.9	32.6	83.3	208.5	188.4	396.0	10.2	55.3
250 TO 499 EMPLOYEES . . . . .	26	9.0	59.6	7.0	14.1	41.2	109.4	93.6	203.4	7.0	36.6
500 TO 999 EMPLOYEES . . . . .	11	7.2	46.8	6.0	12.2	34.5	84.8	50.7	135.2	4.4	20.5
1,000 TO 2,499 EMPLOYEES . . . . .	-	-	-	-	-	-	-	-	-	-	-
2,500 EMPLOYEES OR MORE . . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN. RECORDS <sup>1e</sup>	533	1.4	6.9	1.4	2.2	5.3	14.9	12.0	27.0	.5	3.2

See footnotes at end of table.



TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					
3491-- METAL BARRELS, DRUMS, AND PAILS											
ESTABLISHMENTS, TOTAL . . . . .	149	11.6	83.5	9.1	19.4	59.9	150.6	221.5	370.7	15.0	57.1
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>a</sup> . . . . .	24	(Z)	.2	(Z)	.1	.2	.5	.8	1.3	6.6	.2
5 TO 9 EMPLOYEES <sup>a</sup> . . . . .	13	.1	.6	.1	.2	.4	.9	2.0	2.9	(D)	.4
10 TO 19 EMPLOYEES <sup>a</sup> . . . . .	16	.2	1.2	.2	.4	1.0	2.7	5.6	8.4	(D)	1.7
20 TO 49 EMPLOYEES <sup>a</sup> . . . . .	27	.9	5.7	.8	1.8	4.4	11.8	20.1	31.9	1.7	4.2
50 TO 99 EMPLOYEES <sup>a</sup> . . . . .	31	2.1	14.2	1.7	3.5	10.0	28.7	47.9	76.9	2.2	10.5
100 TO 249 EMPLOYEES <sup>a</sup> . . . . .	30	4.7	34.5	3.8	8.0	25.4	64.3	95.1	159.3	2.9	26.6
250 TO 499 EMPLOYEES <sup>a</sup> . . . . .	6	2.5	27.1	2.6	5.6	18.6	41.6	50.0	89.9	1.6	13.5
500 TO 999 EMPLOYEES <sup>a</sup> . . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1,000 TO 2,499 EMPLOYEES <sup>a</sup> . . . . .	-	-	-	-	-	-	-	-	-	-	-
2,500 EMPLOYEES OR MORE <sup>a</sup> . . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup>	18	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3492-- SAFES AND VAULTS											
ESTABLISHMENTS, TOTAL . . . . .	32	3.8	26.6	2.6	4.9	16.4	67.1	33.5	98.7	3.1	21.4
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>a</sup> . . . . .	8	(Z)	.1	(Z)	(Z)	(Z)	.2	.1	.3	3.0	(Z)
5 TO 9 EMPLOYEES <sup>a</sup> . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
10 TO 19 EMPLOYEES <sup>a</sup> . . . . .	5	.1	.5	.1	.1	.4	.7	.5	1.1	(D)	.2
20 TO 49 EMPLOYEES <sup>a</sup> . . . . .	11	3.7	26.1	2.5	4.8	16.0	66.1	32.9	97.1	(D)	21.2
50 TO 99 EMPLOYEES <sup>a</sup> . . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
100 TO 249 EMPLOYEES <sup>a</sup> . . . . .	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
250 TO 499 EMPLOYEES <sup>a</sup> . . . . .	-	-	-	-	-	-	-	-	-	-	-
500 TO 999 EMPLOYEES <sup>a</sup> . . . . .	-	-	-	-	-	-	-	-	-	-	-
1,000 TO 2,499 EMPLOYEES <sup>a</sup> . . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2,500 EMPLOYEES OR MORE <sup>a</sup> . . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup>	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3493-- STEEL SPRINGS											
ESTABLISHMENTS, TOTAL . . . . .	114	7.7	53.9	6.2	12.6	39.8	92.0	100.4	192.4	6.3	30.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>a</sup> . . . . .	30	.1	.4	.1	.1	.3	.9	.5	1.5	.2	.2
5 TO 9 EMPLOYEES <sup>a</sup> . . . . .	8	.1	.4	(Z)	.1	.3	.9	.6	1.5	(D)	.1
10 TO 19 EMPLOYEES <sup>a</sup> . . . . .	15	.2	1.4	.2	.3	1.0	3.0	2.3	5.3	(D)	.7
20 TO 49 EMPLOYEES <sup>a</sup> . . . . .	24	.7	4.6	.5	1.1	3.2	8.3	7.4	15.7	.6	2.3
50 TO 99 EMPLOYEES <sup>a</sup> . . . . .	13	.9	6.5	.7	1.6	4.6	11.8	10.7	22.7	.4	3.3
100 TO 249 EMPLOYEES <sup>a</sup> . . . . .	14	2.1	15.5	1.7	3.4	11.1	27.4	36.7	63.8	2.5	11.6
250 TO 499 EMPLOYEES <sup>a</sup> . . . . .	9	3.6	25.1	2.9	6.0	19.4	39.7	42.2	82.1	2.6	11.8
500 TO 999 EMPLOYEES <sup>a</sup> . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1,000 TO 2,499 EMPLOYEES <sup>a</sup> . . . . .	-	-	-	-	-	-	-	-	-	-	-
2,500 EMPLOYEES OR MORE <sup>a</sup> . . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> <sup>e</sup>	25	(Z)	.3	(Z)	.1	.2	.9	.6	1.5	(Z)	.2
3494-- VALVES AND PIPE FITTINGS											
ESTABLISHMENTS, TOTAL . . . . .	666	95.3	683.5	67.8	139.0	429.8	1 377.3	936.8	2 274.5	100.0	599.9
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>a</sup> . . . . .	117	.2	1.3	.2	.3	.9	3.2	2.2	5.3	.1	1.2
5 TO 9 EMPLOYEES <sup>a</sup> . . . . .	48	.3	2.4	.3	.5	1.6	5.6	3.8	9.4	.2	1.6
10 TO 19 EMPLOYEES <sup>a</sup> . . . . .	89	1.3	9.1	.9	1.9	5.8	17.9	15.5	33.3	.9	5.9
20 TO 49 EMPLOYEES <sup>a</sup> . . . . .	121	4.0	27.5	2.8	5.8	16.1	63.2	42.3	104.9	3.3	19.9
50 TO 99 EMPLOYEES <sup>a</sup> . . . . .	88	6.5	44.4	4.8	9.9	28.5	97.8	88.9	183.4	6.0	39.6
100 TO 249 EMPLOYEES <sup>a</sup> . . . . .	101	16.4	116.4	11.4	23.5	69.6	248.8	187.7	432.2	16.1	106.6
250 TO 499 EMPLOYEES <sup>a</sup> . . . . .	51	17.8	120.3	12.5	25.7	74.8	266.6	174.3	425.5	21.4	120.7
500 TO 999 EMPLOYEES <sup>a</sup> . . . . .	34	24.3	172.9	17.4	35.4	111.6	336.1	223.6	555.8	33.4	163.7
1,000 TO 2,499 EMPLOYEES <sup>a</sup> . . . . .	16	24.4	189.2	17.7	36.1	120.9	338.1	198.4	524.7	18.6	140.8
2,500 EMPLOYEES OR MORE <sup>a</sup> . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> <sup>e</sup>	110	.2	1.4	.2	.3	.9	3.3	2.4	5.7	.1	1.3
3496-- COLLAPSIBLE TUBES											
ESTABLISHMENTS, TOTAL . . . . .	19	4.3	23.6	3.9	7.6	18.7	38.5	26.8	65.0	4.1	7.1
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>a</sup> . . . . .	1	.4	2.0	.4	.7	1.6	3.9	2.5	6.4	.1	.8
5 TO 9 EMPLOYEES <sup>a</sup> . . . . .	-	-	-	-	-	-	-	-	-	-	-
10 TO 19 EMPLOYEES <sup>a</sup> . . . . .	-	-	-	-	-	-	-	-	-	-	-
20 TO 49 EMPLOYEES <sup>a</sup> . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
50 TO 99 EMPLOYEES <sup>a</sup> . . . . .	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
100 TO 249 EMPLOYEES <sup>a</sup> . . . . .	5	.8	4.2	.7	1.4	3.3	6.6	6.1	12.8	.4	1.0
250 TO 499 EMPLOYEES <sup>a</sup> . . . . .	3	1.0	6.1	.9	1.8	4.7	10.4	5.8	16.2	.7	1.4
500 TO 999 EMPLOYEES <sup>a</sup> . . . . .	3	2.1	11.2	1.9	3.6	9.1	17.6	12.4	29.7	2.9	3.8
1,000 TO 2,499 EMPLOYEES <sup>a</sup> . . . . .	-	-	-	-	-	-	-	-	-	-	-
2,500 EMPLOYEES OR MORE <sup>a</sup> . . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup>	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number	Payroll	Number	Man-hours	Wages					
		(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					
3497-- METAL FOIL AND LEAF											
ESTABLISHMENTS, TOTAL . . . . .	72	6.6	48.7	4.8	10.3	31.1	104.9	160.0	265.5	10.6	37.4
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	12	(Z)	.2	(Z)	(Z)	.1	.6	.8	1.4	2.1	.2
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	7	(Z)	.3	(Z)	.1	.2	1.0	1.4	2.4	(D)	.4
10 TO 19 EMPLOYEES . . . . .	7	.1	.9	.1	.1	.5	3.0	4.9	7.8	(D)	.5
20 TO 49 EMPLOYEES . . . . .	19	.6	4.6	.4	1.0	2.7	8.5	19.0	27.2	.5	4.7
50 TO 99 EMPLOYEES . . . . .	11	.8	5.8	.6	1.4	3.9	11.5	21.9	33.5	.8	3.6
100 TO 249 EMPLOYEES . . . . .	10	1.7	12.1	1.2	2.8	7.3	29.2	27.3	56.4	2.5	7.4
250 TO 499 EMPLOYEES . . . . .	4	2.2	24.9	2.4	4.9	16.4	51.1	84.7	136.7	4.7	20.6
500 TO 999 EMPLOYEES . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1,000 TO 2,499 EMPLOYEES . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2,500 EMPLOYEES OR MORE . . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTAB5. COVERED BY ADMIN. RECORDS <sup>1</sup>	9	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3498-- FABRICATED PIPE AND FITTINGS											
ESTABLISHMENTS, TOTAL . . . . .	393	18.2	129.1	13.4	27.4	86.6	238.5	274.4	508.1	14.4	100.7
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	94	.2	1.0	.2	.2	.7	2.5	2.6	5.1	1.4	1.0
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	35	.2	1.8	.2	.4	1.2	3.1	3.7	6.9	.2	.7
10 TO 19 EMPLOYEES . . . . .	67	.9	6.2	.7	1.3	4.1	12.4	13.7	25.7	.6	3.6
20 TO 49 EMPLOYEES . . . . .	98	3.0	19.4	2.4	5.0	13.7	38.6	50.6	88.5	2.6	16.3
50 TO 99 EMPLOYEES . . . . .	48	3.4	22.4	2.6	5.2	15.1	43.9	43.5	87.3	1.8	17.9
100 TO 249 EMPLOYEES . . . . .	40	6.1	43.5	4.6	9.6	29.4	75.1	89.6	165.2	5.3	33.6
250 TO 499 EMPLOYEES . . . . .	10	4.4	34.9	2.8	5.7	22.3	63.0	70.7	129.5	2.5	27.7
500 TO 999 EMPLOYEES . . . . .	-	-	-	-	-	-	-	-	-	-	-
1,000 TO 2,499 EMPLOYEES . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2,500 EMPLOYEES OR MORE . . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTAB5. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	85	.2	1.1	.2	.3	.7	2.4	2.6	5.0	(Z)	1.1
3499-- FABRICATED METAL PRODUCTS, NEC											
ESTABLISHMENTS, TOTAL . . . . .	1 266	41.3	260.1	32.8	66.0	176.1	522.2	462.0	981.7	31.9	136.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	429	.7	4.0	.7	1.2	2.7	9.0	7.9	16.9	.2	2.1
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	154	1.1	6.6	.9	1.7	4.3	12.6	8.9	21.4	.7	2.2
10 TO 19 EMPLOYEES . . . . .	219	3.0	18.7	2.4	4.8	12.6	38.2	29.0	66.7	2.0	6.2
20 TO 49 EMPLOYEES . . . . .	251	7.8	48.5	6.2	12.4	32.7	90.4	90.1	180.9	3.9	21.5
50 TO 99 EMPLOYEES . . . . .	124	8.3	51.0	6.8	14.2	36.0	95.8	74.0	169.2	5.3	23.2
100 TO 249 EMPLOYEES . . . . .	66	9.6	60.3	7.7	15.5	42.1	141.3	144.6	281.8	10.6	40.7
250 TO 499 EMPLOYEES . . . . .	14	4.8	31.5	3.4	7.1	19.0	66.0	58.0	125.3	5.4	19.3
500 TO 999 EMPLOYEES . . . . .	9	6.0	39.4	4.6	9.3	26.7	68.9	49.5	119.6	3.8	20.7
1,000 TO 2,499 EMPLOYEES . . . . .	-	-	-	-	-	-	-	-	-	-	-
2,500 EMPLOYEES OR MORE . . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTAB5. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	437	1.0	5.2	1.0	1.7	3.7	11.3	9.1	20.4	.4	2.7
3511-- STEAM ENGINES AND TURBINES											
ESTABLISHMENTS, TOTAL . . . . .	27	36.2	318.8	24.6	49.9	195.6	582.3	475.6	1 043.2	66.3	314.2
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	4	.2	1.9	.1	.4	1.3	2.9	2.3	5.3	27.7	1.2
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
10 TO 19 EMPLOYEES . . . . .	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20 TO 49 EMPLOYEES . . . . .	5	.8	5.8	.5	1.1	3.5	13.8	7.3	20.9	1.0	3.4
50 TO 99 EMPLOYEES . . . . .	2	2.5	19.9	1.6	3.5	12.1	35.3	21.3	56.3	3.7	20.7
100 TO 249 EMPLOYEES . . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
250 TO 499 EMPLOYEES . . . . .	4	6.1	53.5	3.9	8.0	28.1	125.5	135.5	251.7	10.0	62.5
500 TO 999 EMPLOYEES . . . . .	5	26.7	237.7	18.3	37.0	150.7	404.7	309.2	709.0	43.8	226.5
3519-- INTERNAL COMBUSTION ENGINES, NEC											
ESTABLISHMENTS, TOTAL . . . . .	155	63.7	500.8	47.5	97.2	344.6	1 015.8	1 019.5	2 093.2	97.6	414.1
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	31	(Z)	.4	(Z)	.1	.3	.8	.8	1.6	2 (Z)	.3
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	13	.1	.7	.1	.1	.5	1.0	1.4	2.5	.1	.4
10 TO 19 EMPLOYEES . . . . .	15	.2	1.4	.2	.3	1.0	2.7	2.9	5.5	.1	.9
20 TO 49 EMPLOYEES . . . . .	20	.6	4.0	.4	.9	2.7	6.3	5.4	11.5	.6	1.3
50 TO 99 EMPLOYEES . . . . .	20	1.5	9.3	1.1	2.4	6.3	18.5	27.7	47.0	1.1	9.6
100 TO 249 EMPLOYEES . . . . .	15	2.2	14.4	1.7	3.6	10.4	41.0	49.9	89.4	3.3	24.3
250 TO 499 EMPLOYEES . . . . .	11	4.2	30.8	2.9	6.1	19.7	60.3	76.3	131.2	3.0	37.6
500 TO 999 EMPLOYEES . . . . .	9	5.9	40.0	4.7	9.4	31.2	96.1	128.6	220.0	6.7	46.2
1,000 TO 2,499 EMPLOYEES . . . . .	17	27.5	215.8	20.0	40.6	147.6	397.2	429.2	821.9	36.6	175.6
2,500 EMPLOYEES OR MORE . . . . .	4	21.4	184.1	16.3	33.7	125.0	391.7	369.2	762.6	46.0	117.9
ESTAB5. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	29	(Z)	.3	(Z)	.1	.2	.7	.7	1.4	(Z)	.3

See footnotes at end of table.



TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

(See Appendix, Explanation of Items)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					
		(number)	(1,000)	(1,000)	(millions)	(million dollars)					
3522-- FARM MACHINERY											
ESTABLISHMENTS, TOTAL. . . . .	1 618	136.3	946.7	104.0	203.2	662.3	2 041.5	2 323.2	4 299.9	128.5	994.6
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>o</sup> . . . . .	562	.9	4.8	.9	1.5	3.5	12.2	12.8	24.9	.5	6.4
5 TO 9 EMPLOYEES <sup>o</sup> . . . . .	170	1.1	6.2	1.0	1.8	4.5	12.5	13.2	25.6	.6	5.4
10 TO 19 EMPLOYEES <sup>o</sup> . . . . .	225	3.1	17.3	2.4	4.9	12.0	35.6	38.8	73.1	1.8	14.0
20 TO 49 EMPLOYEES <sup>o</sup> . . . . .	307	9.8	55.8	7.6	15.2	37.7	113.2	126.3	234.5	6.0	47.5
50 TO 99 EMPLOYEES <sup>o</sup> . . . . .	143	10.2	58.3	7.8	15.9	37.8	115.1	134.8	244.0	6.3	56.8
100 TO 249 EMPLOYEES <sup>o</sup> . . . . .	122	19.1	109.0	14.5	29.8	71.8	239.2	270.1	503.0	13.0	124.6
250 TO 499 EMPLOYEES <sup>o</sup> . . . . .	43	14.3	91.7	10.4	21.4	60.1	200.6	255.8	447.1	15.7	111.5
500 TO 999 EMPLOYEES <sup>o</sup> . . . . .	17	12.0	89.6	8.7	18.0	60.6	194.4	272.0	452.1	15.8	118.5
1,000 TO 2,499 EMPLOYEES <sup>o</sup> . . . . .	23	36.6	278.0	27.7	52.1	197.3	603.9	655.6	1 240.6	30.4	340.5
2,500 EMPLOYEES OR MORE <sup>o</sup> . . . . .	6	29.2	235.9	23.1	42.6	177.0	514.9	543.8	1 054.8	38.3	169.2
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	537	1.2	5.8	1.1	1.8	4.2	13.3	14.2	27.5	.5	7.4
3531-- CONSTRUCTION MACHINERY											
ESTABLISHMENTS, TOTAL. . . . .	651	133.1	989.4	98.6	193.9	673.4	2 056.5	2 103.6	4 138.0	184.9	1 034.2
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>o</sup> . . . . .	164	.3	1.8	.3	.4	1.2	3.9	4.5	8.4	(Z)	1.8
5 TO 9 EMPLOYEES <sup>o</sup> . . . . .	61	.4	2.8	.3	.6	1.9	5.6	6.3	12.0	.2	2.0
10 TO 19 EMPLOYEES <sup>o</sup> . . . . .	68	.9	6.4	.7	1.5	3.9	12.4	13.3	25.5	.6	4.2
20 TO 49 EMPLOYEES <sup>o</sup> . . . . .	103	3.3	23.0	2.4	5.1	14.5	42.6	43.7	86.0	2.1	18.1
50 TO 99 EMPLOYEES <sup>o</sup> . . . . .	74	5.3	37.8	3.8	7.7	23.5	75.1	82.9	153.1	5.3	44.0
100 TO 249 EMPLOYEES <sup>o</sup> . . . . .	79	13.0	86.8	9.2	18.4	53.5	174.6	189.0	360.4	7.1	102.7
250 TO 499 EMPLOYEES <sup>o</sup> . . . . .	48	17.5	123.0	11.9	25.0	74.9	204.5	264.4	453.1	13.3	149.9
500 TO 999 EMPLOYEES <sup>o</sup> . . . . .	26	18.9	140.8	14.1	28.1	97.5	312.6	308.5	629.1	44.9	160.8
1,000 TO 2,499 EMPLOYEES <sup>o</sup> . . . . .	19	26.1	201.3	19.0	38.4	133.8	403.1	533.5	929.5	18.6	288.7
2,500 EMPLOYEES OR MORE <sup>o</sup> . . . . .	9	47.3	365.6	37.0	68.8	268.7	822.1	657.6	1 480.9	92.8	262.0
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	147	.3	1.7	.3	.4	1.2	3.4	3.5	6.9	.1	1.6
3532-- MINING MACHINERY											
ESTABLISHMENTS, TOTAL. . . . .	212	21.7	156.7	14.9	29.7	95.8	308.3	313.5	622.2	18.4	171.2
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>o</sup> . . . . .	51	.1	.6	.1	.1	.3	1.9	1.8	3.8	(Z)	.9
5 TO 9 EMPLOYEES <sup>o</sup> . . . . .	13	.1	.6	.1	.1	.4	1.4	1.1	2.6	(Z)	.5
10 TO 19 EMPLOYEES <sup>o</sup> . . . . .	38	.6	3.7	.4	.8	2.3	8.4	8.3	16.5	.8	3.3
20 TO 49 EMPLOYEES <sup>o</sup> . . . . .	46	1.5	12.0	1.0	2.1	6.7	23.8	22.4	45.7	.9	10.0
50 TO 99 EMPLOYEES <sup>o</sup> . . . . .	26	1.9	13.4	1.4	2.7	8.3	28.1	30.6	58.4	1.5	12.1
100 TO 249 EMPLOYEES <sup>o</sup> . . . . .	17	2.7	17.9	1.9	3.9	11.2	30.2	34.2	66.8	1.0	12.5
250 TO 499 EMPLOYEES <sup>o</sup> . . . . .	9	2.8	20.3	2.0	4.2	13.2	45.7	58.0	99.5	2.2	26.3
500 TO 999 EMPLOYEES <sup>o</sup> . . . . .	9	12.2	88.2	8.0	15.6	53.4	168.7	157.0	328.8	12.0	105.6
1,000 TO 2,499 EMPLOYEES <sup>o</sup> . . . . .	2	(D)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
2,500 EMPLOYEES OR MORE <sup>o</sup> . . . . .	1	(D)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	41	.1	.4	.1	.1	.3	1.2	1.2	2.4	(Z)	.6
3533-- OILFIELD MACHINERY											
ESTABLISHMENTS, TOTAL. . . . .	360	32.7	240.4	21.7	46.1	143.4	502.9	305.3	799.8	23.7	257.6
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>o</sup> . . . . .	103	.1	1.0	.1	.2	.6	2.9	2.0	4.9	.4	1.2
5 TO 9 EMPLOYEES <sup>o</sup> . . . . .	32	.2	1.4	.2	.3	.9	4.2	2.5	6.7	.1	1.1
10 TO 19 EMPLOYEES <sup>o</sup> . . . . .	51	.7	4.8	.5	1.0	3.1	11.9	5.6	17.5	.3	2.7
20 TO 49 EMPLOYEES <sup>o</sup> . . . . .	61	2.0	14.1	1.4	2.8	8.4	27.8	22.0	49.4	1.1	11.5
50 TO 99 EMPLOYEES <sup>o</sup> . . . . .	44	3.1	22.3	2.1	4.4	12.9	49.7	34.5	83.5	2.1	22.1
100 TO 249 EMPLOYEES <sup>o</sup> . . . . .	37	5.9	43.0	3.9	8.1	24.7	100.8	55.7	155.2	5.0	44.3
250 TO 499 EMPLOYEES <sup>o</sup> . . . . .	15	5.3	40.1	3.2	6.9	21.3	93.3	57.3	150.7	3.5	43.7
500 TO 999 EMPLOYEES <sup>o</sup> . . . . .	13	8.4	60.5	5.4	12.2	37.0	109.9	83.1	190.4	6.6	83.8
1,000 TO 2,499 EMPLOYEES <sup>o</sup> . . . . .	3	7.0	53.2	4.9	10.1	34.5	102.3	42.6	141.5	4.4	47.2
2,500 EMPLOYEES OR MORE <sup>o</sup> . . . . .	1	(D)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	73	.1	.6	.1	.1	.4	1.8	1.2	3.0	(Z)	.8
3534-- ELEVATORS AND MOVING STAIRWAYS											
ESTABLISHMENTS, TOTAL. . . . .	144	13.9	107.6	8.8	18.1	63.4	196.1	128.4	319.7	3.9	96.6
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>o</sup> . . . . .	32	.1	.5	.1	.1	.3	1.2	.7	1.8	(Z)	.4
5 TO 9 EMPLOYEES <sup>o</sup> . . . . .	13	.1	.8	.1	.1	.5	1.9	1.2	3.1	(Z)	.3
10 TO 19 EMPLOYEES <sup>o</sup> . . . . .	21	.3	2.1	.2	.4	1.5	4.7	2.2	6.9	.2	.8
20 TO 49 EMPLOYEES <sup>o</sup> . . . . .	34	1.1	9.1	.8	1.6	5.6	16.2	12.7	29.1	.3	4.0
50 TO 99 EMPLOYEES <sup>o</sup> . . . . .	20	1.4	11.1	.9	1.8	6.4	23.3	14.7	37.7	.7	7.1
100 TO 249 EMPLOYEES <sup>o</sup> . . . . .	11	1.7	12.4	1.1	2.4	7.8	22.5	16.2	39.1	.3	9.0
250 TO 499 EMPLOYEES <sup>o</sup> . . . . .	7	2.7	21.2	1.7	3.5	12.4	37.4	22.5	59.0	.7	18.7
500 TO 999 EMPLOYEES <sup>o</sup> . . . . .	3	6.5	50.4	4.0	8.1	28.9	89.0	58.2	143.0	1.6	56.2
1,000 TO 2,499 EMPLOYEES <sup>o</sup> . . . . .	3	(D)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	30	.1	.5	.1	.1	.3	1.4	.8	2.1	.1	.5

See footnotes at end of table.

TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number	Payroll	Number	Man-hours	Wages					
		(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					
3535--- CONVEYORS AND CONVEYING EQUIPMENT											
ESTABLISHMENTS, TOTAL . . . . .	446	27.4	213.3	16.8	35.0	112.0	415.8	353.4	763.0	13.6	129.2
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>6</sup> . . . . .	124	.2	1.7	.2	.3	.9	4.0	3.6	7.6	.2	1.1
5 TO 9 EMPLOYEES <sup>6</sup> . . . . .	39	.3	2.3	.2	.4	1.3	4.4	3.9	8.2	.2	1.0
10 TO 19 EMPLOYEES . . . . .	67	1.0	7.3	.7	1.3	4.2	14.3	11.2	25.0	.4	2.8
20 TO 49 EMPLOYEES . . . . .	97	3.0	23.1	2.0	4.3	13.4	42.8	34.3	76.1	1.7	8.7
50 TO 99 EMPLOYEES . . . . .	53	3.7	28.4	2.5	5.3	16.0	54.7	45.4	99.6	1.9	17.4
100 TO 249 EMPLOYEES . . . . .	42	6.7	52.2	4.1	8.7	26.8	102.5	90.3	194.3	3.6	36.3
250 TO 499 EMPLOYEES . . . . .	12	4.6	35.9	2.7	5.6	18.2	66.6	55.6	120.1	2.2	23.7
500 TO 999 EMPLOYEES . . . . .	12	8.0	62.5	4.4	9.1	31.3	126.6	109.0	232.0	3.4	38.2
ESTABS. COVERED BY ADMIN. RECORDS <sup>10</sup>	122	.3	2.1	.3	.3	1.1	5.2	3.9	9.1	.2	1.3
3536--- HOISTS, CRANES, AND MONORAILS											
ESTABLISHMENTS, TOTAL . . . . .	141	16.8	134.3	11.6	24.1	88.0	241.6	202.1	444.4	11.3	96.2
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>6</sup> . . . . .	30	(2)	.3	(2)	.1	.2	.8	.8	1.7	(2)	.3
5 TO 9 EMPLOYEES <sup>6</sup> . . . . .	15	.1	.9	.1	.2	.5	1.7	2.0	3.7	(2)	.5
10 TO 19 EMPLOYEES . . . . .	25	.3	2.8	.3	.5	1.8	6.4	7.2	13.4	.2	2.5
20 TO 49 EMPLOYEES . . . . .	28	.9	7.2	.6	1.3	4.7	13.1	13.5	26.6	.8	4.5
50 TO 99 EMPLOYEES . . . . .	21	1.5	10.8	1.0	2.1	6.7	25.8	19.4	43.2	1.1	9.4
100 TO 249 EMPLOYEES . . . . .	7	.9	6.9	.7	1.6	5.5	13.6	11.8	24.1	1.0	5.4
250 TO 499 EMPLOYEES . . . . .	7	2.6	20.2	1.7	3.6	11.4	42.7	28.7	72.2	2.9	14.0
500 TO 999 EMPLOYEES . . . . .	4	2.8	21.3	2.0	3.8	15.3	33.2	32.8	65.8	1.9	17.1
1,000 TO 2,499 EMPLOYEES . . . . .	3	7.6	63.8	5.2	10.9	41.9	104.2	85.8	193.9	3.5	42.6
2,500 EMPLOYEES OR MORE . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup>	24	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
3537--- INDUSTRIAL TRUCKS AND TRACTORS											
ESTABLISHMENTS, TOTAL . . . . .	351	27.0	199.7	17.7	36.5	115.6	408.6	381.7	778.0	23.9	193.4
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>6</sup> . . . . .	104	.2	1.2	.2	.2	.7	3.0	2.8	5.8	.1	1.2
5 TO 9 EMPLOYEES <sup>6</sup> . . . . .	44	.3	2.0	.2	.4	1.2	4.2	4.3	8.5	.2	1.3
10 TO 19 EMPLOYEES . . . . .	63	.9	5.7	.6	1.3	3.6	12.0	10.4	22.3	.4	3.4
20 TO 49 EMPLOYEES . . . . .	64	1.9	11.9	1.5	2.9	8.1	22.4	22.4	43.7	1.0	6.6
50 TO 99 EMPLOYEES . . . . .	36	2.5	16.6	1.8	3.6	9.4	27.9	36.5	63.2	1.3	12.8
100 TO 249 EMPLOYEES . . . . .	19	3.1	21.5	2.2	4.8	12.8	41.4	37.0	78.1	1.4	15.8
250 TO 499 EMPLOYEES . . . . .	10	3.8	25.4	2.6	5.3	15.6	46.4	42.4	85.7	2.4	27.7
500 TO 999 EMPLOYEES . . . . .	5	4.0	29.3	2.7	5.5	17.5	66.5	74.2	137.5	7.1	36.1
1,000 TO 2,499 EMPLOYEES . . . . .	5	10.3	86.2	5.8	12.5	46.5	184.6	151.8	333.2	10.0	88.6
2,500 EMPLOYEES OR MORE . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>10</sup>	98	.2	1.3	.2	.3	.8	3.2	3.0	6.2	.1	1.3
3541--- MACHINE TOOLS, METAL-CUTTING TYPES											
ESTABLISHMENTS, TOTAL . . . . .	903	87.2	759.9	60.5	131.8	476.5	1 391.3	766.9	2 127.2	78.7	535.3
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>6</sup> . . . . .	256	.4	3.3	.4	.7	2.5	7.9	3.7	11.6	2.1	1.9
5 TO 9 EMPLOYEES <sup>6</sup> . . . . .	142	1.0	8.0	.8	1.6	5.8	16.0	7.0	22.8	1.0	1.8
10 TO 19 EMPLOYEES . . . . .	167	2.3	18.9	1.8	3.9	13.4	45.9	17.7	63.2	2.2	5.0
20 TO 49 EMPLOYEES . . . . .	145	4.3	35.1	3.4	7.5	24.8	58.4	30.4	87.1	4.3	11.7
50 TO 99 EMPLOYEES . . . . .	74	5.2	46.3	4.0	8.8	32.1	83.2	44.1	127.1	5.0	20.1
100 TO 249 EMPLOYEES . . . . .	49	8.1	67.4	5.9	13.0	43.2	126.3	87.8	212.4	7.4	45.7
250 TO 499 EMPLOYEES . . . . .	30	10.6	102.1	7.4	17.2	66.0	177.4	154.6	338.6	13.1	78.5
500 TO 999 EMPLOYEES . . . . .	20	13.9	114.6	9.5	20.8	74.7	249.2	111.6	351.6	10.3	92.5
1,000 TO 2,499 EMPLOYEES . . . . .	17	28.9	253.2	19.8	43.2	157.5	448.9	226.9	653.2	26.9	213.6
2,500 EMPLOYEES OR MORE . . . . .	3	12.4	111.1	7.4	15.2	56.4	178.1	83.1	259.7	7.0	64.6
ESTABS. COVERED BY ADMIN. RECORDS <sup>10</sup>	245	.5	3.5	.5	.8	2.6	8.0	4.2	12.2	.2	2.3
3542--- MACHINE TOOLS, METAL-FORMING TYPES											
ESTABLISHMENTS, TOTAL . . . . .	350	29.2	249.6	20.9	46.2	165.0	437.2	295.4	714.0	26.2	207.8
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>6</sup> . . . . .	80	.1	1.1	.1	.2	.7	2.6	1.9	4.5	2.1	1.0
5 TO 9 EMPLOYEES <sup>6</sup> . . . . .	47	.3	2.6	.3	.5	1.7	4.2	2.0	6.1	.2	1.0
10 TO 19 EMPLOYEES . . . . .	55	.8	5.5	.6	1.2	4.0	9.4	5.6	14.9	.5	2.0
20 TO 49 EMPLOYEES . . . . .	73	2.2	17.7	1.7	3.7	11.9	32.1	19.2	49.6	1.8	8.3
50 TO 99 EMPLOYEES . . . . .	37	2.5	19.5	1.9	4.0	13.2	37.0	22.5	56.7	2.7	14.0
100 TO 249 EMPLOYEES . . . . .	30	4.6	37.1	3.3	7.1	23.5	76.4	44.4	117.6	5.5	29.2
250 TO 499 EMPLOYEES . . . . .	13	4.5	40.4	3.2	6.9	26.8	64.9	46.0	107.1	3.2	42.5
500 TO 999 EMPLOYEES . . . . .	10	7.5	65.8	4.9	11.3	39.4	121.7	76.1	190.5	6.8	66.9
1,000 TO 2,499 EMPLOYEES . . . . .	5	6.6	60.0	4.9	11.2	43.7	89.0	77.7	167.5	5.5	43.1
ESTABS. COVERED BY ADMIN. RECORDS <sup>10</sup>	85	.2	1.5	.2	.3	1.0	3.1	1.8	4.9	.1	1.3

See footnotes at end of table.



TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

Item	Establish- ments	All employees		Production workers			Value added by manu- facture	Cost of materials	Value of shipments	Capital expendi- tures, new	End-of- year inventories
		Number	Payroll	Number	Man-hours	Wages					
		(number)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
3544-- SPEC. OIES, TOOLS, JIGS, FIXTURES											
ESTABLISHMENTS, TOTAL. . . . .	6 615	113.6	1 032.8	95.5	214.2	800.0	1 646.7	577.6	2 202.3	114.7	214.2
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>1</sup> . . . . .	2 630	4.5	35.7	4.4	8.2	27.8	80.7	29.0	109.3	2.8	7.7
5 TO 9 EMPLOYEES <sup>1</sup> . . . . .	1 139	7.9	68.4	6.9	15.1	53.9	115.0	36.0	150.2	7.6	8.5
10 TO 19 EMPLOYEES <sup>1</sup> . . . . .	1 315	18.3	155.2	15.3	33.7	121.0	249.1	77.0	323.3	17.7	21.1
20 TO 49 EMPLOYEES <sup>1</sup> . . . . .	1 099	32.7	293.9	27.4	61.7	224.4	464.8	161.1	620.5	35.0	46.7
50 TO 99 EMPLOYEES <sup>1</sup> . . . . .	287	19.1	181.5	16.1	37.4	139.1	287.1	105.8	369.3	20.7	37.0
100 TO 249 EMPLOYEES <sup>1</sup> . . . . .	121	17.6	165.4	14.6	33.5	126.6	265.8	106.7	367.7	20.2	55.6
250 TO 499 EMPLOYEES <sup>1</sup> . . . . .	14	4.8	43.7	3.9	8.9	33.8	70.3	27.0	95.6	3.9	23.6
500 TO 999 EMPLOYEES <sup>1</sup> . . . . .	7	4.6	43.2	3.6	7.8	33.2	53.7	22.6	74.3	4.1	11.6
1,000 TO 2,499 EMPLOYEES <sup>1</sup> . . . . .	3	4.1	45.8	3.4	7.9	40.2	60.2	12.3	72.1	2.8	2.4
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> <sup>2</sup>	2 354	4.6	35.6	4.6	8.3	27.4	79.5	30.0	109.1	1.5	7.8
3545-- MACHINE TOOL ACCESSORIES											
ESTABLISHMENTS, TOTAL. . . . .	1 141	60.3	479.3	45.2	96.4	324.2	922.8	416.3	1 309.9	55.0	273.7
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>1</sup> . . . . .	358	.7	4.7	.7	1.0	3.2	10.2	6.7	16.9	2.3	5.0
5 TO 9 EMPLOYEES <sup>1</sup> . . . . .	153	1.0	8.4	.9	1.7	5.8	15.5	7.1	22.5	1.1	3.4
10 TO 19 EMPLOYEES <sup>1</sup> . . . . .	201	2.8	21.6	2.1	4.6	15.4	41.1	15.9	55.7	2.6	6.5
20 TO 49 EMPLOYEES <sup>1</sup> . . . . .	208	6.3	51.0	5.0	10.7	35.5	93.8	43.6	135.6	6.0	18.0
50 TO 99 EMPLOYEES <sup>1</sup> . . . . .	92	6.2	51.2	4.8	10.3	35.8	97.3	45.0	140.7	5.0	19.7
100 TO 249 EMPLOYEES <sup>1</sup> . . . . .	72	11.4	83.5	8.5	18.1	55.4	155.0	67.6	217.2	9.0	44.7
250 TO 499 EMPLOYEES <sup>1</sup> . . . . .	38	12.9	100.7	9.5	20.1	67.2	191.4	90.8	274.0	10.8	68.2
500 TO 999 EMPLOYEES <sup>1</sup> . . . . .	11	7.4	55.8	5.3	11.4	36.7	103.9	48.7	148.3	5.6	40.3
1,000 TO 2,499 EMPLOYEES <sup>1</sup> . . . . .	8	11.7	102.4	8.4	18.5	69.3	214.7	90.9	299.0	14.6	67.9
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> <sup>2</sup>	366	.8	5.8	.8	1.2	3.9	11.8	7.8	19.6	.4	6.1
3548-- METALWORKING MACHINERY, NEC											
ESTABLISHMENTS, TOTAL. . . . .	430	46.7	338.0	34.0	69.4	218.8	693.4	478.6	1 158.1	44.8	332.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>1</sup> . . . . .	142	.2	1.6	.2	.3	1.1	4.4	2.9	7.3	2.2	2.0
5 TO 9 EMPLOYEES <sup>1</sup> . . . . .	39	.3	1.9	.2	.4	1.2	3.5	2.4	5.9	.2	1.3
10 TO 19 EMPLOYEES <sup>1</sup> . . . . .	63	.9	6.4	.6	1.2	3.9	12.0	9.4	21.4	.7	3.3
20 TO 49 EMPLOYEES <sup>1</sup> . . . . .	58	1.8	14.1	1.4	2.9	9.3	28.3	18.8	45.8	2.0	8.8
50 TO 99 EMPLOYEES <sup>1</sup> . . . . .	46	3.3	25.8	2.4	4.9	15.7	47.8	27.9	75.0	2.7	16.9
100 TO 249 EMPLOYEES <sup>1</sup> . . . . .	35	5.6	41.4	3.9	8.2	23.8	83.9	63.7	141.4	7.4	40.3
250 TO 499 EMPLOYEES <sup>1</sup> . . . . .	25	8.6	61.6	6.3	13.0	39.5	134.3	92.4	226.0	8.1	62.4
500 TO 999 EMPLOYEES <sup>1</sup> . . . . .	12	8.1	60.5	5.8	12.1	39.6	124.4	108.0	225.2	8.7	75.0
1,000 TO 2,499 EMPLOYEES <sup>1</sup> . . . . .	8	18.0	124.8	13.2	26.3	84.7	254.9	153.2	410.3	14.8	122.7
2,500 EMPLOYEES OR MORE. . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> <sup>2</sup>	129	.2	1.7	.2	.4	1.1	4.4	3.1	7.4	.3	2.2
3551-- FOOD PRODUCTS MACHINERY											
ESTABLISHMENTS, TOTAL. . . . .	642	32.6	249.4	22.0	45.2	147.2	502.9	337.9	830.2	22.0	198.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>1</sup> . . . . .	188	.3	2.2	.3	.5	1.5	4.9	3.5	8.4	(2)	1.5
5 TO 9 EMPLOYEES <sup>1</sup> . . . . .	88	.6	4.6	.5	.9	3.0	9.2	6.8	15.9	.2	2.7
10 TO 19 EMPLOYEES <sup>1</sup> . . . . .	86	1.2	8.4	.9	1.8	5.5	17.5	13.0	30.0	.4	4.7
20 TO 49 EMPLOYEES <sup>1</sup> . . . . .	135	4.5	31.8	3.4	6.7	21.5	55.7	40.0	95.0	3.3	15.5
50 TO 99 EMPLOYEES <sup>1</sup> . . . . .	58	4.1	29.0	2.9	5.9	18.5	53.8	38.5	91.2	2.1	18.8
100 TO 249 EMPLOYEES <sup>1</sup> . . . . .	62	9.1	67.3	6.1	12.7	39.4	133.1	103.2	232.3	5.6	55.8
250 TO 499 EMPLOYEES <sup>1</sup> . . . . .	16	5.6	48.6	3.4	7.0	23.7	119.6	53.5	165.9	3.2	51.3
500 TO 999 EMPLOYEES <sup>1</sup> . . . . .	7	7.1	57.5	4.5	9.6	34.1	109.1	79.4	191.5	7.1	47.7
1,000 TO 2,499 EMPLOYEES <sup>1</sup> . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2,500 EMPLOYEES OR MORE. . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> <sup>2</sup>	204	.5	3.2	.5	.8	2.2	6.7	4.9	11.6	.1	2.2
3552-- TEXTILE MACHINERY											
ESTABLISHMENTS, TOTAL. . . . .	560	39.7	253.3	29.4	62.5	169.1	404.1	309.2	711.7	22.2	185.1
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>1</sup> . . . . .	178	.3	2.1	.3	.5	1.4	4.6	3.4	8.0	.1	1.6
5 TO 9 EMPLOYEES <sup>1</sup> . . . . .	74	.5	3.5	.4	.8	2.2	6.4	5.3	11.6	.5	1.6
10 TO 19 EMPLOYEES <sup>1</sup> . . . . .	69	1.0	6.1	.7	1.5	4.0	10.4	6.8	17.0	.4	1.9
20 TO 49 EMPLOYEES <sup>1</sup> . . . . .	120	3.8	23.7	2.9	6.1	15.1	39.7	33.9	73.5	2.8	10.9
50 TO 99 EMPLOYEES <sup>1</sup> . . . . .	59	4.2	26.0	3.2	6.6	17.1	40.6	31.6	72.3	1.7	14.7
100 TO 249 EMPLOYEES <sup>1</sup> . . . . .	20	4.2	27.2	3.3	7.1	18.6	46.0	35.6	81.5	1.9	13.9
250 TO 499 EMPLOYEES <sup>1</sup> . . . . .	20	6.7	44.2	4.8	10.8	28.7	73.9	62.0	133.2	6.6	39.3
500 TO 999 EMPLOYEES <sup>1</sup> . . . . .	7	4.7	30.5	3.6	7.9	21.9	50.1	26.9	77.5	2.7	23.2
1,000 TO 2,499 EMPLOYEES <sup>1</sup> . . . . .	6	14.4	90.0	10.1	21.3	60.1	132.3	103.7	237.1	5.6	78.1
2,500 EMPLOYEES OR MORE. . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> <sup>2</sup>	183	.4	2.6	.4	.7	1.7	5.1	3.9	9.0	.2	2.0

See footnotes at end of table.

TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number	Payroll	Number	Man-hours	Wages					
		(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					
3SS3-- WOODWORKING MACHINERY											
ESTABLISHMENTS, TOTAL . . . . .	239	12.7	83.9	8.8	17.6	50.4	192.8	127.1	314.4	8.2	72.1
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	81	.2	1.1	.1	.2	.7	2.7	2.5	5.2	.2	.9
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	39	.3	1.9	.2	.4	1.2	4.6	3.4	7.9	.2	1.1
10 TO 19 EMPLOYEES . . . . .	31	.5	3.2	.3	.7	2.2	5.2	4.2	9.2	.3	1.3
20 TO 49 EMPLOYEES . . . . .	39	1.2	7.7	.9	1.9	5.3	13.5	9.4	22.9	.3	4.9
50 TO 99 EMPLOYEES . . . . .	23	1.6	11.6	1.1	2.2	7.0	20.8	17.5	37.2	.9	7.8
100 TO 249 EMPLOYEES . . . . .	15	2.6	18.7	1.7	3.5	10.8	32.7	25.2	58.1	2.0	13.5
250 TO 499 EMPLOYEES . . . . .	5	1.8	11.3	1.4	2.9	7.7	24.2	27.9	51.6	2.0	16.7
500 TO 999 EMPLOYEES . . . . .	5	4.6	28.3	3.0	5.8	15.6	89.1	37.0	123.3	2.3	25.9
1,000 TO 2,499 EMPLOYEES . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2,500 EMPLOYEES OR MORE . . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	76	.2	1.2	.2	.3	.8	3.0	2.4	5.4	.1	1.0
3SS4-- PAPER INDUSTRIES MACHINERY											
ESTABLISHMENTS, TOTAL . . . . .	220	21.3	172.5	14.6	31.1	111.6	283.4	265.5	551.4	18.6	138.1
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	52	.1	.7	.1	.1	.5	1.5	1.4	2.9	.1	.6
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	22	.2	1.4	.1	.2	.9	2.9	2.7	5.6	.1	.8
10 TO 19 EMPLOYEES . . . . .	36	.5	3.6	.4	.8	2.5	5.6	3.8	9.3	.2	1.5
20 TO 49 EMPLOYEES . . . . .	41	1.3	9.8	1.0	2.1	6.7	17.4	10.9	28.1	1.3	4.1
50 TO 99 EMPLOYEES . . . . .	27	1.8	13.5	1.3	2.8	8.8	25.2	19.9	44.8	1.3	7.6
100 TO 249 EMPLOYEES . . . . .	19	3.1	25.1	2.1	4.5	15.6	45.2	31.7	77.2	1.7	19.3
250 TO 499 EMPLOYEES . . . . .	13	4.5	36.4	2.7	5.9	20.3	53.9	52.2	106.9	6.2	29.5
500 TO 999 EMPLOYEES . . . . .	8	9.7	82.0	6.9	14.7	56.3	131.6	143.0	276.6	7.6	74.7
1,000 TO 2,499 EMPLOYEES . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2,500 EMPLOYEES OR MORE . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	45	.1	1.1	.1	.2	.7	1.7	1.6	3.3	.1	.7
3SS5-- PRINTING TRADES MACHINERY											
ESTABLISHMENTS, TOTAL . . . . .	522	29.2	239.6	20.1	42.2	149.2	458.7	324.8	752.3	32.9	217.2
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	198	.3	2.6	.3	.5	1.8	5.7	4.1	9.7	2.1	2.3
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	70	.5	3.6	.4	.7	2.4	8.1	4.8	12.8	(D)	2.2
10 TO 19 EMPLOYEES . . . . .	89	1.2	9.1	.9	1.9	6.3	16.9	11.8	28.3	.7	2.8
20 TO 49 EMPLOYEES . . . . .	82	2.4	18.9	1.7	3.6	12.3	32.3	21.5	53.8	1.1	8.6
50 TO 99 EMPLOYEES . . . . .	25	1.7	13.4	1.1	2.5	7.6	27.4	18.9	45.0	1.1	9.5
100 TO 249 EMPLOYEES . . . . .	26	4.3	33.4	2.9	5.9	19.4	69.0	39.1	97.6	9.1	34.0
250 TO 499 EMPLOYEES . . . . .	18	6.6	51.7	4.5	9.9	30.6	108.8	72.5	169.6	11.0	60.5
500 TO 999 EMPLOYEES . . . . .	11	12.1	106.9	8.4	17.1	68.7	190.6	152.2	335.3	7.7	97.3
1,000 TO 2,499 EMPLOYEES . . . . .	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2,500 EMPLOYEES OR MORE . . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	201	.5	3.5	.5	.7	2.4	7.4	4.5	11.9	.2	3.1
3SS9-- SPECIAL INDUSTRY MACHINERY, NEC											
ESTABLISHMENTS, TOTAL . . . . .	1 129	71.3	571.2	46.1	97.8	323.0	1 038.4	818.1	1 833.0	75.4	447.4
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	328	.5	4.1	.5	.8	2.4	11.0	8.5	19.4	.5	4.2
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	121	.8	6.1	.6	1.2	3.7	12.2	9.5	21.4	1.0	3.4
10 TO 19 EMPLOYEES . . . . .	194	2.7	19.9	2.0	3.9	12.8	38.4	27.2	65.1	1.8	7.3
20 TO 49 EMPLOYEES . . . . .	207	6.4	49.9	4.5	9.5	30.0	94.3	67.2	160.6	4.9	25.6
50 TO 99 EMPLOYEES . . . . .	123	8.6	66.1	6.0	12.9	41.1	122.9	92.7	213.0	5.1	46.1
100 TO 249 EMPLOYEES . . . . .	91	13.5	107.4	9.1	19.8	61.9	208.0	179.3	383.7	11.6	76.2
250 TO 499 EMPLOYEES . . . . .	39	13.7	104.4	8.3	17.5	58.4	191.1	187.3	385.3	10.8	78.1
500 TO 999 EMPLOYEES . . . . .	17	11.6	94.5	7.2	15.6	52.6	169.9	128.9	291.1	12.1	91.7
1,000 TO 2,499 EMPLOYEES . . . . .	9	13.4	119.0	7.8	16.6	59.9	190.6	117.5	293.2	27.5	114.8
2,500 EMPLOYEES OR MORE . . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	302	.6	4.3	.6	.8	2.6	10.0	7.9	17.9	.4	4.3
3S61-- PUMPS AND COMPRESSORS											
ESTABLISHMENTS, TOTAL . . . . .	660	78.3	591.7	49.8	104.6	335.3	1 210.2	1 032.0	2 207.5	62.3	587.5
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	189	.3	2.3	.3	.5	1.2	5.3	5.2	10.4	.1	2.1
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	79	.5	4.0	.4	.7	2.2	10.0	7.3	17.3	.4	3.1
10 TO 19 EMPLOYEES . . . . .	93	1.3	9.2	.9	1.9	5.4	18.2	16.3	34.1	.5	6.8
20 TO 49 EMPLOYEES . . . . .	97	3.0	21.1	2.0	4.2	12.4	43.3	45.2	88.0	1.0	16.3
50 TO 99 EMPLOYEES . . . . .	60	4.3	31.2	3.0	6.3	18.5	67.7	63.2	128.8	3.0	27.8
100 TO 249 EMPLOYEES . . . . .	62	9.9	71.0	6.1	12.5	36.8	157.0	136.3	286.0	10.1	75.5
250 TO 499 EMPLOYEES . . . . .	43	15.0	114.2	9.7	20.6	66.3	218.5	208.5	422.1	10.7	106.9
500 TO 999 EMPLOYEES . . . . .	22	15.8	123.9	9.6	20.3	66.7	247.8	199.0	437.8	17.6	141.8
1,000 TO 2,499 EMPLOYEES . . . . .	13	28.0	214.9	17.8	37.6	125.7	442.4	351.1	782.9	19.0	207.4
2,500 EMPLOYEES OR MORE . . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	170	.4	2.5	.4	.5	1.3	6.3	6.2	12.3	.1	2.9

See footnotes at end of table.



TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					
3562-- BALL AND ROLLER BEARINGS											
ESTABLISHMENTS: TOTAL . . . . .	124	58.8	456.0	47.5	100.9	343.5	833.3	510.8	1 328.6	107.1	318.0
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	9	(2)	.1	(2)	(2)	.1	.3	.2	.5	(2)	.1
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	7	(2)	.2	(2)	.1	.2	.1	.5	.6	.1	.1
10 TO 19 EMPLOYEES . . . . .	11	.2	1.1	.1	.3	.8	2.1	1.3	3.4	.2	.6
20 TO 49 EMPLOYEES . . . . .	12	.4	3.0	.3	.6	1.8	4.9	3.2	9.5	2.6	3.1
50 TO 99 EMPLOYEES . . . . .	15	1.1	7.3	.9	1.9	5.3	15.5	8.3	22.2	1.9	5.7
100 TO 249 EMPLOYEES . . . . .	24	3.9	26.8	3.1	6.6	18.8	54.3	45.5	100.2	6.8	24.2
250 TO 499 EMPLOYEES . . . . .	15	5.3	37.2	4.3	9.1	27.2	87.1	44.9	131.0	5.4	28.6
500 TO 999 EMPLOYEES . . . . .	15	11.5	84.1	9.1	18.6	63.0	173.7	102.6	269.0	13.8	73.2
1 000 TO 2 499 EMPLOYEES . . . . .	11	18.3	145.3	14.7	31.2	111.4	262.2	152.2	408.1	41.5	85.9
2 500 EMPLOYEES OR MORE . . . . .	5	18.1	150.7	14.9	32.5	114.9	232.9	152.2	384.0	34.9	96.6
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup>	11	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
3564-- BLOWERS AND FANS											
ESTABLISHMENTS: TOTAL . . . . .	287	21.0	149.2	14.9	31.5	93.2	302.2	222.6	525.2	14.5	84.7
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	77	.1	1.0	.1	.2	.7	2.1	1.6	3.7	.2	.5
5 TO 9 EMPLOYEES . . . . .	38	.3	2.1	.2	.4	1.3	4.3	3.5	7.8	.2	.9
10 TO 19 EMPLOYEES . . . . .	43	.6	4.4	.4	.8	2.6	8.1	6.1	14.1	.5	1.9
20 TO 49 EMPLOYEES . . . . .	55	1.7	10.7	1.3	2.7	6.6	21.4	16.7	38.0	.8	4.6
50 TO 99 EMPLOYEES . . . . .	24	1.8	12.6	1.2	2.5	7.6	27.9	19.8	47.6	1.1	7.5
100 TO 249 EMPLOYEES . . . . .	28	4.1	28.3	3.0	6.4	16.7	63.6	43.3	106.4	2.5	15.6
250 TO 499 EMPLOYEES . . . . .	12	4.3	31.9	2.7	5.4	17.3	62.3	46.0	109.0	3.6	19.7
500 TO 999 EMPLOYEES . . . . .	9	8.1	58.2	5.8	13.2	40.4	112.3	85.6	198.4	5.6	33.9
1 000 TO 2 499 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	73	.2	1.4	.2	.3	.9	2.8	2.1	4.8	.2	.7
3565-- INDUSTRIAL PATTERNS											
ESTABLISHMENTS: TOTAL . . . . .	1 163	10.9	106.0	9.5	19.4	86.7	165.5	37.0	201.8	8.1	12.7
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	659	1.0	9.4	1.0	2.0	7.9	21.5	5.6	27.2	.8	1.2
5 TO 9 EMPLOYEES . . . . .	190	1.3	11.6	1.1	2.3	9.9	17.6	4.3	21.8	.7	.9
10 TO 19 EMPLOYEES . . . . .	173	2.3	21.1	2.0	4.0	18.0	32.8	7.2	39.8	1.3	2.1
20 TO 49 EMPLOYEES . . . . .	108	3.1	28.8	2.6	5.4	23.1	43.0	10.9	53.4	2.3	3.3
50 TO 99 EMPLOYEES . . . . .	24	1.7	18.6	1.5	3.1	14.9	26.3	5.3	32.0	2.5	2.2
100 TO 249 EMPLOYEES . . . . .	8	1.4	16.5	1.2	2.7	12.8	24.3	2.6	27.6	.5	2.9
250 TO 499 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	588	.9	8.2	.9	1.8	6.9	19.0	5.1	24.0	.8	1.2
3566-- POWER TRANSMISSION EQUIPMENT											
ESTABLISHMENTS: TOTAL . . . . .	513	54.8	409.4	40.6	83.4	273.6	800.7	483.9	1 263.4	57.3	289.3
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	105	.2	1.6	.2	.3	1.0	4.3	3.5	7.8	.1	1.3
5 TO 9 EMPLOYEES . . . . .	32	.2	1.7	.2	.3	1.1	3.4	2.1	5.5	.2	.6
10 TO 19 EMPLOYEES . . . . .	73	1.0	7.9	.8	1.6	5.1	15.7	10.5	25.8	1.1	2.8
20 TO 49 EMPLOYEES . . . . .	113	3.7	27.5	2.9	5.9	18.1	53.8	36.8	89.8	2.8	10.3
50 TO 99 EMPLOYEES . . . . .	78	5.5	38.1	4.4	9.0	26.7	73.8	49.4	120.9	5.3	19.2
100 TO 249 EMPLOYEES . . . . .	56	8.6	64.8	6.2	13.4	41.9	127.6	85.8	209.8	8.5	43.9
250 TO 499 EMPLOYEES . . . . .	30	10.0	73.1	7.4	15.7	50.2	147.3	81.2	220.8	9.8	57.4
500 TO 999 EMPLOYEES . . . . .	20	13.7	105.7	10.0	20.2	70.3	214.8	135.6	346.1	16.1	84.5
1 000 TO 2 499 EMPLOYEES . . . . .	4	11.7	89.0	8.6	16.9	59.3	160.1	79.1	237.0	13.5	69.2
2 500 EMPLOYEES OR MORE . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	98	.2	1.6	.2	.3	1.1	3.5	2.2	5.7	.1	1.1
3567-- INDUSTRIAL FURNACES AND OVENS											
ESTABLISHMENTS: TOTAL . . . . .	255	16.1	129.3	8.9	18.3	58.2	259.4	236.1	495.7	11.6	66.5
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	83	.1	1.0	.1	.2	.5	2.1	1.9	4.0	1.1	.5
5 TO 9 EMPLOYEES . . . . .	22	.1	1.3	.1	.2	.7	2.2	2.0	4.2	.1	.4
10 TO 19 EMPLOYEES . . . . .	33	.5	4.0	.3	.6	2.2	7.1	6.1	13.2	.4	1.5
20 TO 49 EMPLOYEES . . . . .	56	1.6	13.1	1.1	2.2	7.2	26.7	20.8	46.2	1.2	7.9
50 TO 99 EMPLOYEES . . . . .	23	1.6	11.9	1.1	2.1	6.5	21.4	19.3	40.7	.7	6.7
100 TO 249 EMPLOYEES . . . . .	25	4.1	31.4	2.4	5.0	15.6	60.0	49.7	109.8	1.8	14.8
250 TO 499 EMPLOYEES . . . . .	6	1.9	14.5	1.0	2.2	6.8	27.4	36.2	64.4	3.6	12.9
500 TO 999 EMPLOYEES . . . . .	4	6.1	52.1	2.9	6.0	18.7	112.4	100.2	213.2	2.7	21.8
1 000 TO 2 499 EMPLOYEES . . . . .	3	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	75	.1	1.1	.1	.2	.5	2.0	2.0	4.0	.2	.6

See footnotes at end of table.

TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number	Payroll	Number	Man-hours	Wages					
		(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					
3569-- GENERAL INDUSTRIAL MACHINERY, NEC											
ESTABLISHMENTS, TOTAL . . . . .	758	39.4	295.4	25.4	52.3	163.2	535.9	379.8	901.2	30.5	195.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	206	.4	2.7	.3	.4	1.3	6.4	4.3	10.6	1.2	1.8
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	92	.6	5.1	.4	.8	2.5	11.3	7.0	18.2	.6	2.3
10 TO 19 EMPLOYEES <sup>e</sup> . . . . .	114	1.6	11.6	1.1	2.1	6.7	21.9	15.7	37.2	1.0	5.1
20 TO 49 EMPLOYEES <sup>e</sup> . . . . .	160	4.9	35.2	3.4	6.9	21.4	62.6	46.7	109.3	2.9	18.1
50 TO 99 EMPLOYEES <sup>e</sup> . . . . .	94	6.7	48.3	4.6	9.3	28.3	96.4	74.9	169.7	3.9	33.1
100 TO 249 EMPLOYEES <sup>e</sup> . . . . .	62	9.6	70.9	6.2	12.9	38.9	132.4	94.1	223.2	6.3	49.0
250 TO 499 EMPLOYEES <sup>e</sup> . . . . .	19	6.4	48.3	4.2	9.0	27.3	90.0	63.4	147.9	6.2	34.3
500 TO 999 EMPLOYEES <sup>e</sup> . . . . .	9	9.2	73.2	5.4	11.0	36.9	114.9	73.8	185.0	8.4	51.3
1,000 TO 2,499 EMPLOYEES <sup>e</sup> . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN.RECORDS <sup>1 e</sup>	187	.4	2.9	.3	.5	1.4	7.4	4.7	12.2	.4	2.1
3572-- TYPEWRITERS											
ESTABLISHMENTS, TOTAL . . . . .	25	26.0	172.1	19.9	39.3	116.6	454.7	155.2	595.5	20.1	113.8
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	4	(2)	(2)	(2)	(2)	(2)	.2	(2)	.2	(2)	(2)
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
10 TO 19 EMPLOYEES <sup>e</sup> . . . . .	3	.1	.8	.1	.2	.5	1.1	.2	1.3	(2)	.3
20 TO 49 EMPLOYEES <sup>e</sup> . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
50 TO 99 EMPLOYEES <sup>e</sup> . . . . .	1	.4	1.8	.3	.7	1.5	3.1	.7	3.7	.4	.6
100 TO 249 EMPLOYEES <sup>e</sup> . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
250 TO 499 EMPLOYEES <sup>e</sup> . . . . .	1	1.9	12.1	1.3	2.4	6.6	35.3	8.7	44.9	.5	6.9
500 TO 999 EMPLOYEES <sup>e</sup> . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1,000 TO 2,499 EMPLOYEES <sup>e</sup> . . . . .	7	23.6	157.4	18.2	35.9	107.9	414.8	145.4	545.4	19.2	105.9
2,500 EMPLOYEES OR MORE <sup>e</sup> . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN.RECORDS <sup>1</sup>	4	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
3573-- ELECTRONIC COMPUTING EQUIPMENT											
ESTABLISHMENTS, TOTAL . . . . .	178	98.9	803.5	50.7	104.2	314.5	1 926.4	1 875.6	3 770.9	117.1	985.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	9	(2)	.1	(2)	(2)	.1	.2	.2	.4	2.2	.1
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	6	(2)	.4	(2)	(2)	.1	1.1	.3	1.2	.1	.4
10 TO 19 EMPLOYEES <sup>e</sup> . . . . .	23	.4	2.6	.2	.3	1.1	4.7	2.6	7.3	.3	1.0
20 TO 49 EMPLOYEES <sup>e</sup> . . . . .	28	.9	7.4	.5	1.0	4.0	14.6	9.3	23.3	.9	3.7
50 TO 99 EMPLOYEES <sup>e</sup> . . . . .	22	1.5	11.2	1.0	2.1	5.9	19.5	9.5	27.0	1.3	8.2
100 TO 249 EMPLOYEES <sup>e</sup> . . . . .	25	3.9	22.7	2.6	5.2	12.7	31.1	20.1	58.8	5.1	13.1
250 TO 499 EMPLOYEES <sup>e</sup> . . . . .	21	7.4	54.8	4.2	8.3	22.6	150.0	90.6	223.9	5.8	71.2
500 TO 999 EMPLOYEES <sup>e</sup> . . . . .	18	12.4	85.7	8.4	17.0	46.2	172.4	86.7	252.0	8.8	66.6
1,000 TO 2,499 EMPLOYEES <sup>e</sup> . . . . .	13	18.8	141.1	10.6	21.8	61.9	439.2	221.7	650.1	20.4	179.2
2,500 EMPLOYEES OR MORE <sup>e</sup> . . . . .	13	53.5	477.6	23.2	48.4	159.8	1 093.6	1 434.7	2 526.9	72.2	642.0
3574-- CALCULATING & ACCOUNTING MACHINES											
ESTABLISHMENTS, TOTAL . . . . .	138	38.4	294.4	31.3	58.6	219.8	518.2	198.2	707.8	32.6	206.8
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	58	.1	.8	.1	.1	.4	2.4	1.5	3.9	3.2	.9
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	13	.1	.6	.1	.1	.3	1.5	.9	2.4	(0)	.6
10 TO 19 EMPLOYEES <sup>e</sup> . . . . .	16	.2	1.3	.1	.3	.7	3.0	2.0	4.9	(0)	1.2
20 TO 49 EMPLOYEES <sup>e</sup> . . . . .	23	.8	4.8	.5	.9	2.4	12.7	4.9	17.2	.8	3.9
50 TO 99 EMPLOYEES <sup>e</sup> . . . . .	8	.6	3.8	.4	.9	2.4	7.9	5.2	12.9	.4	3.6
100 TO 249 EMPLOYEES <sup>e</sup> . . . . .	7	1.2	6.6	.7	1.4	3.3	4.5	7.1	10.9	.3	8.0
250 TO 499 EMPLOYEES <sup>e</sup> . . . . .	4	1.4	8.2	1.2	2.1	5.3	23.9	9.1	31.8	1.1	6.8
500 TO 999 EMPLOYEES <sup>e</sup> . . . . .	3	2.0	14.5	1.6	3.3	8.7	24.1	11.3	31.5	1.5	15.1
1,000 TO 2,499 EMPLOYEES <sup>e</sup> . . . . .	4	32.0	253.8	26.6	49.4	196.2	438.1	156.2	592.4	25.3	166.9
2,500 EMPLOYEES OR MORE <sup>e</sup> . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN.RECORDS <sup>1 e</sup>	57	.2	1.7	.2	.3	.8	5.0	2.7	7.6	.2	1.8
3576-- SCALES AND BALANCES											
ESTABLISHMENTS, TOTAL . . . . .	76	6.5	45.6	4.3	8.5	24.0	90.0	51.3	140.2	5.1	36.1
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	26	(2)	.3	(2)	.1	.2	.7	.4	1.1	(2)	.3
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	8	.1	.5	(2)	.1	.2	.7	.5	1.2	(2)	.3
10 TO 19 EMPLOYEES <sup>e</sup> . . . . .	8	.1	.8	.1	.2	.6	1.4	1.1	2.5	.1	.5
20 TO 49 EMPLOYEES <sup>e</sup> . . . . .	13	.4	3.3	.3	.6	1.9	7.0	4.6	11.4	.2	2.2
50 TO 99 EMPLOYEES <sup>e</sup> . . . . .	4	.3	2.1	.2	.5	1.2	3.7	2.9	6.5	.2	1.1
100 TO 249 EMPLOYEES <sup>e</sup> . . . . .	11	2.5	16.5	1.7	3.2	8.3	39.7	22.3	61.3	2.5	13.2
250 TO 499 EMPLOYEES <sup>e</sup> . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
500 TO 999 EMPLOYEES <sup>e</sup> . . . . .	3	3.1	22.1	2.0	4.0	11.7	36.8	19.7	56.3	2.0	18.7
1,000 TO 2,499 EMPLOYEES <sup>e</sup> . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN.RECORDS <sup>1</sup>	26	.1	.4	.1	.1	.2	.9	.5	1.4	.1	.3

See footnotes at end of table.



TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)											
Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number	Payroll	Number	Man-hours	Wages					
		(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					
3579-- OFFICE MACHINES, NEC											
ESTABLISHMENTS, TOTAL . . . . .	177	20.7	146.6	13.5	26.6	82.1	342.5	192.5	516.6	17.8	138.1
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>1</sup> . . . . .	66	.1	.7	.1	.2	.5	1.9	1.1	3.0	.1	.7
5 TO 9 EMPLOYEES <sup>1</sup> . . . . .	13	.1	.5	.1	.1	.3	1.2	.8	2.0	(2)	.3
10 TO 19 EMPLOYEES . . . . .	21	.3	1.8	.2	.4	1.1	3.0	1.8	4.9	.2	1.1
20 TO 49 EMPLOYEES . . . . .	28	.9	5.3	.6	1.2	3.3	9.5	6.7	15.8	.7	3.7
50 TO 99 EMPLOYEES . . . . .	14	1.0	6.6	.7	1.5	4.1	14.2	5.7	19.1	2.4	5.0
100 TO 249 EMPLOYEES . . . . .	16	2.5	15.1	1.8	3.6	9.0	31.9	24.0	54.3	1.2	16.4
250 TO 499 EMPLOYEES . . . . .	11	3.9	24.7	2.7	5.3	13.6	48.0	23.4	67.7	2.3	17.2
500 TO 999 EMPLOYEES . . . . .	5	3.7	22.7	2.4	5.0	13.8	43.6	19.0	61.4	1.0	17.6
1,000 TO 2,499 EMPLOYEES . . . . .	1	8.1	69.0	4.9	9.3	36.5	189.2	110.0	288.5	10.0	76.2
2,500 EMPLOYEES OR MORE . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> . . . . .	59	.1	.8	.1	.2	.5	1.9	1.1	3.0	.1	.7
3581-- AUTOMATIC MERCHANDISING MACHINES											
ESTABLISHMENTS, TOTAL . . . . .	150	10.0	59.2	7.8	14.8	39.6	140.8	122.5	248.0	5.5	77.8
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>1</sup> . . . . .	53	.1	.5	.1	.1	.4	1.1	1.0	2.1	(2)	.5
5 TO 9 EMPLOYEES <sup>1</sup> . . . . .	22	.1	.9	.1	.2	.6	1.6	1.2	2.8	.1	.5
10 TO 19 EMPLOYEES . . . . .	19	.3	1.4	.2	.4	.9	3.0	3.9	6.8	.1	.9
20 TO 49 EMPLOYEES . . . . .	18	.6	3.3	.4	.9	2.3	6.2	5.3	11.0	.3	2.6
50 TO 99 EMPLOYEES . . . . .	15	1.0	5.5	.8	1.5	3.6	9.5	6.2	15.7	.9	4.0
100 TO 249 EMPLOYEES . . . . .	12	1.9	10.8	1.5	3.0	7.2	23.4	22.4	43.1	.3	13.7
250 TO 499 EMPLOYEES . . . . .	7	2.6	15.5	1.9	3.6	8.5	34.8	40.7	73.9	2.3	19.8
500 TO 999 EMPLOYEES . . . . .	3	3.4	21.3	2.7	5.1	16.1	61.4	41.7	92.6	1.4	35.9
1,000 TO 2,499 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> . . . . .	57	.1	.7	.1	.2	.5	1.4	1.2	2.6	.1	.6
3582-- COMMERCIAL LAUNDRY EQUIPMENT											
ESTABLISHMENTS, TOTAL . . . . .	117	7.5	50.9	5.4	11.2	32.5	96.4	85.9	183.1	4.9	41.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>1</sup> . . . . .	37	.1	.4	.1	.1	.2	1.2	1.0	2.2	(2)	.5
5 TO 9 EMPLOYEES <sup>1</sup> . . . . .	11	.1	.6	.1	.1	.3	1.2	1.0	2.2	(2)	.3
10 TO 19 EMPLOYEES . . . . .	15	.2	1.5	.1	.3	.8	3.0	2.6	5.5	(2)	.7
20 TO 49 EMPLOYEES . . . . .	22	.7	4.9	.5	1.1	3.1	9.5	11.1	20.6	.4	3.7
50 TO 99 EMPLOYEES . . . . .	13	.9	5.0	.7	1.4	3.5	9.7	10.5	19.9	.3	3.2
100 TO 249 EMPLOYEES . . . . .	12	1.8	12.6	1.3	2.7	7.6	24.0	26.7	50.6	1.3	9.7
250 TO 499 EMPLOYEES . . . . .	4	3.7	26.0	2.5	5.5	16.9	48.0	33.0	82.2	2.9	23.6
500 TO 999 EMPLOYEES . . . . .	3	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> . . . . .	34	.1	.4	.1	.1	.3	1.2	1.1	2.2	.1	.5
3585-- REFRIGERATION MACHINERY											
ESTABLISHMENTS, TOTAL . . . . .	682	94.8	640.4	69.6	141.0	423.9	1 479.8	1 682.1	3 101.1	109.3	713.9
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>1</sup> . . . . .	163	.3	1.8	.3	.4	1.1	4.3	5.0	9.4	8.2	1.9
5 TO 9 EMPLOYEES <sup>1</sup> . . . . .	67	.4	2.8	.4	.6	1.7	5.6	7.3	12.8	(0)	2.4
10 TO 19 EMPLOYEES . . . . .	92	1.3	9.4	.9	1.9	5.8	20.4	20.5	40.6	(0)	6.3
20 TO 49 EMPLOYEES . . . . .	116	3.8	25.2	2.8	5.7	15.6	53.2	54.6	107.7	2.4	16.9
50 TO 99 EMPLOYEES . . . . .	77	5.2	33.0	3.6	7.4	19.4	60.8	79.5	140.4	3.1	26.8
100 TO 249 EMPLOYEES . . . . .	78	12.3	78.1	8.9	17.7	46.8	158.8	164.8	320.1	7.9	77.1
250 TO 499 EMPLOYEES . . . . .	42	14.5	95.3	10.0	20.4	59.0	188.5	206.4	391.7	11.7	97.5
500 TO 999 EMPLOYEES . . . . .	33	24.3	161.0	17.4	34.7	102.0	370.5	466.0	812.1	25.4	211.0
1,000 TO 2,499 EMPLOYEES . . . . .	9	14.2	88.1	11.3	22.6	67.3	209.0	307.8	513.2	27.4	92.2
2,500 EMPLOYEES OR MORE . . . . .	5	18.5	145.8	14.0	29.6	105.1	408.8	370.1	753.1	23.3	181.9
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> . . . . .	172	.4	2.7	.4	.6	1.7	6.3	7.7	13.9	.3	2.9
3586-- MEASURING AND DISPENSING PUMPS											
ESTABLISHMENTS, TOTAL . . . . .	49	6.4	45.6	4.3	8.9	25.1	94.8	81.0	174.7	3.8	43.7
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>1</sup> . . . . .	12	(2)	.1	(2)	(2)	.1	.4	.3	.7	(2)	.2
5 TO 9 EMPLOYEES <sup>1</sup> . . . . .	8	.1	.5	(2)	.1	.3	.9	.9	1.8	(2)	.2
10 TO 19 EMPLOYEES . . . . .	6	.1	.6	.1	.1	.3	1.4	.9	2.2	.1	.4
20 TO 49 EMPLOYEES . . . . .	7	.4	2.4	.3	.6	1.7	4.9	4.3	9.3	.3	1.6
50 TO 99 EMPLOYEES . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
100 TO 249 EMPLOYEES . . . . .	7	1.8	11.1	1.2	2.4	6.7	25.2	21.2	46.0	1.0	10.9
250 TO 499 EMPLOYEES . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
500 TO 999 EMPLOYEES . . . . .	5	4.2	30.8	2.8	5.6	16.0	62.0	53.3	114.8	2.4	30.5
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> . . . . .	9	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

See footnotes at end of table.

TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)											
Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					
3589-- SERVICE INDUSTRY MACHINES, NEC											
ESTABLISHMENTS, TOTAL . . . . .	575	20.9	150.7	13.5	27.2	82.4	313.3	290.7	598.1	10.6	114.7
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>1</sup> . . . . .	228	.4	2.5	.4	.5	1.3	6.2	5.9	12.1	(2)	2.1
5 TO 9 EMPLOYEES <sup>1</sup> . . . . .	71	.5	3.2	.3	.6	1.8	6.5	6.4	12.8	.1	2.1
10 TO 19 EMPLOYEES <sup>1</sup> . . . . .	89	1.2	8.4	.8	1.6	4.8	16.6	18.1	34.4	.6	5.4
20 TO 49 EMPLOYEES <sup>1</sup> . . . . .	83	2.6	18.3	1.7	3.5	10.4	39.3	36.4	74.5	1.4	11.5
50 TO 99 EMPLOYEES <sup>1</sup> . . . . .	49	3.3	23.0	2.2	4.3	12.2	48.6	41.4	89.2	1.9	16.5
100 TO 249 EMPLOYEES <sup>1</sup> . . . . .	38	5.8	41.4	3.7	7.5	22.1	85.0	89.9	173.4	3.8	33.3
250 TO 499 EMPLOYEES <sup>1</sup> . . . . .	13	4.7	34.5	2.7	5.4	17.6	76.9	68.1	143.4	2.2	34.7
500 TO 999 EMPLOYEES <sup>1</sup> . . . . .	4	2.5	19.4	1.7	3.9	12.2	34.2	24.5	58.3	.5	9.1
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	228	.5	3.3	.5	.7	1.7	7.5	7.2	14.7	.1	2.7
3599-- MISC. MACHINERY, EXCEPT ELECTRICAL											
ESTABLISHMENTS, TOTAL . . . . .	15 109	202.5	1 443.1	168.8	346.2	1 092.8	2 531.2	1 198.9	3 712.0	179.1	368.6
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>1</sup> . . . . .	7 893	13.3	75.5	13.2	22.8	64.3	187.7	85.3	272.9	<sup>2</sup> 8.4	20.2
5 TO 9 EMPLOYEES <sup>1</sup> . . . . .	2 563	17.2	115.0	15.4	30.0	96.0	214.0	81.9	294.9	15.4	16.2
10 TO 19 EMPLOYEES <sup>1</sup> . . . . .	2 404	33.0	229.7	27.6	56.1	179.0	390.2	151.6	538.6	28.9	29.6
20 TO 49 EMPLOYEES <sup>1</sup> . . . . .	1 630	48.9	355.7	40.9	85.5	268.1	596.6	256.1	847.0	44.3	58.7
50 TO 99 EMPLOYEES <sup>1</sup> . . . . .	413	28.0	208.2	23.1	50.1	156.9	352.2	168.4	518.1	26.3	48.8
100 TO 249 EMPLOYEES <sup>1</sup> . . . . .	150	22.6	160.9	18.1	38.7	116.9	295.6	164.9	455.4	21.8	59.3
250 TO 499 EMPLOYEES <sup>1</sup> . . . . .	33	11.6	82.1	9.6	20.3	60.8	132.9	80.1	213.2	9.2	35.9
500 TO 999 EMPLOYEES <sup>1</sup> . . . . .	12	7.9	57.9	5.1	10.4	35.1	96.1	63.0	162.9	4.7	31.5
1 000 TO 2 499 EMPLOYEES <sup>1</sup> . . . . .	9	20.1	158.2	15.8	32.4	115.8	265.8	147.8	409.2	20.1	68.6
2 500 EMPLOYEES OR MORE <sup>1</sup> . . . . .	2	(D)	(O)	(O)	(O)	(D)	(O)	(O)	(O)	(O)	(O)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	7 568	15.1	80.7	15.1	25.5	67.8	192.7	90.3	283.1	8.9	22.8
3611-- ELECTRIC MEASURING INSTRUMENTS											
ESTABLISHMENTS, TOTAL . . . . .	546	61.5	423.9	40.4	78.7	222.3	799.7	397.0	1 184.0	53.7	283.9
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>1</sup> . . . . .	162	.3	1.6	.3	.4	1.1	3.4	2.1	5.4	5.2	1.3
5 TO 9 EMPLOYEES <sup>1</sup> . . . . .	53	.4	2.4	.3	.5	1.5	4.1	2.2	6.3	.2	1.2
10 TO 19 EMPLOYEES <sup>1</sup> . . . . .	57	.8	5.4	.6	1.2	3.4	8.8	5.5	14.1	.3	2.4
20 TO 49 EMPLOYEES <sup>1</sup> . . . . .	95	3.1	19.9	2.2	4.3	11.6	36.8	25.3	61.0	1.9	11.8
50 TO 99 EMPLOYEES <sup>1</sup> . . . . .	61	4.3	29.6	2.9	5.8	15.6	56.5	32.3	88.0	2.7	18.9
100 TO 249 EMPLOYEES <sup>1</sup> . . . . .	63	10.4	64.8	7.0	13.8	34.1	114.5	79.2	191.8	7.0	43.6
250 TO 499 EMPLOYEES <sup>1</sup> . . . . .	26	8.5	57.4	5.4	11.0	29.4	99.4	41.1	141.8	4.4	38.4
500 TO 999 EMPLOYEES <sup>1</sup> . . . . .	19	13.0	90.1	8.9	17.4	47.4	163.4	76.2	232.3	7.9	66.0
1 000 TO 2 499 EMPLOYEES <sup>1</sup> . . . . .	8	20.7	152.7	12.9	24.2	78.4	312.8	133.0	443.2	24.2	100.3
2 500 EMPLOYEES OR MORE <sup>1</sup> . . . . .	2	(D)	(O)	(O)	(D)	(O)	(O)	(D)	(O)	(D)	(O)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	156	.4	2.1	.4	.5	1.4	3.9	2.3	6.2	.1	1.5
3612-- TRANSFORMERS											
ESTABLISHMENTS, TOTAL . . . . .	190	45.6	317.6	34.0	68.5	210.1	678.9	531.8	1 188.4	52.8	240.3
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>1</sup> . . . . .	35	.1	.4	.1	.1	.2	.8	.7	1.5	2.8	.3
5 TO 9 EMPLOYEES <sup>1</sup> . . . . .	16	.1	.7	.1	.2	.4	1.2	1.1	2.3	.1	.4
10 TO 19 EMPLOYEES <sup>1</sup> . . . . .	17	.2	1.3	.2	.3	.8	2.7	2.6	5.2	(2)	.8
20 TO 49 EMPLOYEES <sup>1</sup> . . . . .	43	1.5	8.2	1.2	2.4	5.5	16.1	15.5	31.3	.8	5.7
50 TO 99 EMPLOYEES <sup>1</sup> . . . . .	27	1.8	11.0	1.5	3.0	7.3	26.9	24.7	50.2	.6	11.1
100 TO 249 EMPLOYEES <sup>1</sup> . . . . .	20	3.1	17.9	2.4	5.1	12.5	44.4	41.0	84.2	1.4	16.0
250 TO 499 EMPLOYEES <sup>1</sup> . . . . .	11	4.2	26.5	3.2	6.2	17.2	63.8	58.2	118.2	4.5	29.3
500 TO 999 EMPLOYEES <sup>1</sup> . . . . .	6	4.4	26.4	3.2	6.1	17.6	74.7	74.3	147.1	3.1	29.8
1 000 TO 2 499 EMPLOYEES <sup>1</sup> . . . . .	11	15.9	106.0	12.2	24.1	71.5	205.9	172.1	371.7	14.7	69.2
2 500 EMPLOYEES OR MORE <sup>1</sup> . . . . .	4	14.3	119.2	9.9	21.0	77.0	242.5	141.7	376.7	24.9	77.7
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	33	.1	.7	.1	.1	.4	1.3	1.1	2.4	.1	.5
3613-- SWITCHGEAR & SWITCHBOARD APPARATUS											
ESTABLISHMENTS, TOTAL . . . . .	482	68.5	488.0	49.7	100.5	304.9	1 030.4	669.7	1 690.0	39.1	338.2
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>1</sup> . . . . .	95	.2	1.0	.2	.2	.6	2.8	2.1	4.9	(2)	1.0
5 TO 9 EMPLOYEES <sup>1</sup> . . . . .	51	.3	2.2	.3	.4	1.3	5.1	4.5	9.4	.1	1.3
10 TO 19 EMPLOYEES <sup>1</sup> . . . . .	53	.7	5.2	.5	1.1	3.3	9.4	8.8	18.0	.3	2.7
20 TO 49 EMPLOYEES <sup>1</sup> . . . . .	105	3.2	23.2	2.3	4.7	14.1	46.5	42.9	88.7	4.7	13.1
50 TO 99 EMPLOYEES <sup>1</sup> . . . . .	62	4.4	29.8	3.3	6.8	18.9	56.2	55.4	110.6	1.8	19.0
100 TO 249 EMPLOYEES <sup>1</sup> . . . . .	56	8.9	55.4	6.5	13.2	35.4	126.4	115.2	236.6	6.4	47.4
250 TO 499 EMPLOYEES <sup>1</sup> . . . . .	22	8.0	51.9	5.8	11.6	32.3	122.1	85.4	208.8	4.0	41.4
500 TO 999 EMPLOYEES <sup>1</sup> . . . . .	26	18.0	112.5	13.3	26.8	71.3	228.5	119.4	348.6	6.0	79.2
1 000 TO 2 499 EMPLOYEES <sup>1</sup> . . . . .	8	11.8	92.4	8.6	18.6	59.8	207.4	126.7	329.4	8.8	60.3
2 500 EMPLOYEES OR MORE <sup>1</sup> . . . . .	4	13.0	114.4	8.9	17.1	67.9	226.0	109.4	334.9	7.0	72.9
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	102	.3	1.7	.3	.4	1.1	3.6	2.5	6.2	.1	1.2

See footnotes at end of table.



TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number	Payroll	Number	Man-hours	Wages					
		(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					
3621-- MOTORS AND GENERATORS											
ESTABLISHMENTS: TOTAL . . . . .	409	112.8	764.6	85.3	172.3	514.4	1 430.8	977.5	2 402.3	102.5	457.4
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	68	.1	.6	.1	.2	.4	1.5	1.1	2.6	2.5	.4
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	26	.2	1.0	.1	.3	.7	1.7	1.7	3.4	.1	.7
10 TO 19 EMPLOYEES . . . . .	36	.5	3.4	.4	.7	2.1	6.5	4.6	11.2	.4	1.8
20 TO 49 EMPLOYEES . . . . .	47	1.5	9.0	1.2	2.3	5.8	17.6	16.4	33.6	.6	5.3
50 TO 99 EMPLOYEES . . . . .	50	3.6	21.4	2.8	5.3	13.6	41.4	40.8	77.7	1.9	20.0
100 TO 249 EMPLOYEES . . . . .	70	11.5	68.5	9.1	18.3	45.9	126.9	91.7	218.3	5.2	45.3
250 TO 499 EMPLOYEES . . . . .	55	20.4	114.5	16.3	33.0	80.6	232.9	194.6	422.6	17.7	76.9
500 TO 999 EMPLOYEES . . . . .	32	24.2	152.0	18.6	37.5	103.9	274.7	176.5	454.5	18.1	90.1
1,000 TO 2,499 EMPLOYEES . . . . .	20	29.6	213.3	20.7	41.6	135.9	381.6	243.5	615.3	21.8	130.5
2,500 EMPLOYEES OR MORE . . . . .	5	21.1	181.0	15.9	33.2	125.5	346.1	206.7	563.2	35.2	86.5
ESTABS. COVERED BY ADMIN.RECORDS <sup>1 e</sup>	70	.2	.9	.2	.2	.7	1.6	1.2	2.8	(2)	.5
3622-- INDUSTRIAL CONTROLS											
ESTABLISHMENTS: TOTAL . . . . .	476	50.4	350.9	34.8	69.6	210.7	720.9	388.6	1 102.8	34.3	224.2
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	150	.3	1.8	.3	.4	1.0	5.2	2.1	7.3	2.4	1.1
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	66	.4	3.3	.3	.6	1.8	6.5	4.3	10.7	.4	1.6
10 TO 19 EMPLOYEES . . . . .	91	1.2	8.9	.8	1.6	4.7	18.0	13.8	31.2	.9	4.5
20 TO 49 EMPLOYEES . . . . .	69	2.1	14.3	1.5	2.8	8.2	27.6	19.2	46.6	1.1	7.3
50 TO 99 EMPLOYEES . . . . .	36	2.5	17.1	1.7	3.4	9.1	31.6	20.5	51.4	2.7	9.0
100 TO 249 EMPLOYEES . . . . .	30	4.4	30.7	2.9	5.9	16.8	60.6	47.0	107.0	1.8	19.2
250 TO 499 EMPLOYEES . . . . .	14	4.5	28.3	3.1	6.3	16.1	58.4	38.5	94.3	1.7	23.3
500 TO 999 EMPLOYEES . . . . .	10	7.7	53.9	4.9	9.8	30.3	104.4	54.5	158.4	3.5	38.6
1,000 TO 2,499 EMPLOYEES . . . . .	5	8.4	57.0	5.7	11.5	34.9	105.6	69.2	177.3	4.6	34.5
2,500 EMPLOYEES OR MORE . . . . .	5	18.9	135.6	13.5	27.4	87.9	302.8	119.7	418.6	17.3	84.9
ESTABS. COVERED BY ADMIN.RECORDS <sup>1 e</sup>	156	.4	2.6	.4	.5	1.5	6.2	2.9	9.1	.3	1.4
3623-- WEAVING APPARATUS											
ESTABLISHMENTS: TOTAL . . . . .	147	13.7	118.4	9.4	19.8	72.9	265.3	237.8	493.3	18.1	98.5
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	32	.1	.4	.1	.1	.3	1.0	1.1	2.1	2.0	.3
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	13	.1	.8	.1	.1	.5	1.7	1.6	3.3	(D)	.5
10 TO 19 EMPLOYEES . . . . .	10	.1	.9	.1	.2	.6	1.9	1.7	3.6	(D)	.5
20 TO 49 EMPLOYEES . . . . .	32	1.0	7.9	.7	1.6	4.8	14.3	12.4	26.3	(D)	5.1
50 TO 99 EMPLOYEES . . . . .	25	1.8	15.2	1.2	2.5	8.1	36.1	31.7	66.3	(D)	11.0
100 TO 249 EMPLOYEES . . . . .	26	4.3	31.4	3.0	6.5	20.4	82.7	83.8	162.2	2.5	35.1
250 TO 499 EMPLOYEES . . . . .	5	1.7	15.9	.9	2.1	7.4	29.4	26.1	53.5	1.8	10.1
500 TO 999 EMPLOYEES . . . . .	2	4.5	45.9	3.3	6.9	30.9	98.3	79.4	176.1	5.8	36.0
1,000 TO 2,499 EMPLOYEES . . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2,500 EMPLOYEES OR MORE . . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN.RECORDS <sup>1 e</sup>	26	.1	.4	.1	.1	.3	1.0	1.1	2.1	.1	.4
3624-- CARBON AND GRAPHITE PRODUCTS											
ESTABLISHMENTS: TOTAL . . . . .	65	11.9	82.8	9.1	18.5	57.8	186.3	117.8	296.4	41.3	69.4
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	11	(Z)	.2	(Z)	(Z)	.1	.4	.2	.6	(Z)	.1
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	5	(Z)	.2	(Z)	.1	.2	.5	.2	.7	(Z)	.2
10 TO 19 EMPLOYEES . . . . .	7	.1	.7	.1	.2	.5	1.2	.8	2.0	(Z)	.2
20 TO 49 EMPLOYEES . . . . .	13	.4	2.6	.3	.6	1.4	4.5	1.8	6.1	.2	1.0
50 TO 99 EMPLOYEES . . . . .	4	.3	2.6	.2	.4	1.4	5.0	2.2	6.9	.5	1.6
100 TO 249 EMPLOYEES . . . . .	12	3.0	18.6	2.3	4.7	12.2	31.5	35.9	64.5	16.0	16.6
250 TO 499 EMPLOYEES . . . . .	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
500 TO 999 EMPLOYEES . . . . .	9	8.0	58.0	6.2	12.6	42.0	143.4	76.6	215.7	49.7	49.7
1,000 TO 2,499 EMPLOYEES . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2,500 EMPLOYEES OR MORE . . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN.RECORDS <sup>1 e</sup>	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3629-- ELECTRICAL INDUST. APPARATUS, NEC											
ESTABLISHMENTS: TOTAL . . . . .	219	17.9	103.7	14.0	27.4	69.2	188.3	141.3	328.8	12.3	71.3
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	53	.1	.6	.1	.1	.4	1.3	1.4	2.7	(Z)	.4
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	22	.1	.9	.1	.2	.6	1.7	1.3	3.0	.1	.5
10 TO 19 EMPLOYEES . . . . .	21	.3	1.9	.2	.5	1.2	3.4	2.3	5.6	.3	.8
20 TO 49 EMPLOYEES . . . . .	46	1.5	9.3	1.1	2.1	5.6	18.2	13.5	31.4	.6	4.7
50 TO 99 EMPLOYEES . . . . .	27	2.0	10.9	1.6	3.0	7.1	18.9	16.0	33.8	1.0	6.4
100 TO 249 EMPLOYEES . . . . .	33	5.3	30.2	4.3	8.3	20.5	53.6	34.6	88.2	2.7	17.7
250 TO 499 EMPLOYEES . . . . .	12	4.2	21.5	3.2	6.5	14.8	38.3	28.7	66.4	1.7	17.5
500 TO 999 EMPLOYEES . . . . .	4	4.3	28.5	3.4	6.7	19.1	52.9	43.6	97.8	6.0	23.3
1,000 TO 2,499 EMPLOYEES . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2,500 EMPLOYEES OR MORE . . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN.RECORDS <sup>1 e</sup>	49	.1	.8	.1	.2	.6	1.7	1.2	2.8	.1	.5

<sup>1</sup>See footnotes at end of table.

TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number	Payroll	Number	Man-hours	Wages					
		(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					
3631-- HOUSEHOLD COOKING EQUIPMENT											
ESTABLISHMENTS, TOTAL . . . . .	73	20.4	128.4	16.0	31.3	88.7	254.2	293.6	551.9	8.6	107.9
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	15	(Z)	.3	(Z)	(Z)	.2	.6	.8	1.4	(Z)	.2
5 TO 9 EMPLOYEES . . . . .	2	(D)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
10 TO 19 EMPLOYEES . . . . .	7	.1	.6	.1	.1	.3	1.4	1.6	3.0	(Z)	.6
20 TO 49 EMPLOYEES . . . . .	6	.2	1.1	.1	.3	.7	2.5	3.9	6.3	.1	1.0
50 TO 99 EMPLOYEES . . . . .	7	.5	2.9	.4	.9	2.0	4.4	6.5	11.6	.2	1.7
100 TO 249 EMPLOYEES . . . . .	17	2.7	14.7	2.1	4.1	10.0	24.2	43.1	68.5	.6	15.1
250 TO 499 EMPLOYEES . . . . .	5	2.0	13.2	1.5	3.0	9.0	23.8	24.1	48.1	.4	8.9
500 TO 999 EMPLOYEES . . . . .	9	6.3	34.7	5.2	10.1	24.8	61.6	80.7	140.5	2.6	34.6
1,000 TO 2,499 EMPLOYEES . . . . .	5	8.6	61.0	6.5	12.6	41.8	135.7	133.0	272.5	4.7	45.7
ESTABLS. COVERED BY ADMIN. RECORDS <sup>1</sup>	10	(D)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
3632-- HOUSEHOLD REFRIGERATORS & FREEZERS											
ESTABLISHMENTS, TOTAL . . . . .	36	53.0	377.8	43.9	84.5	290.2	796.9	1 029.4	1 791.9	37.3	336.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	10	.1	.4	.1	.1	.4	1.0	1.0	2.1	1.9	.4
5 TO 9 EMPLOYEES . . . . .	1	(D)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
10 TO 19 EMPLOYEES . . . . .	2	(D)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
20 TO 49 EMPLOYEES . . . . .	4	.3	2.0	.2	.5	1.3	3.9	4.3	8.3	(D)	1.2
50 TO 99 EMPLOYEES . . . . .	3	.5	3.1	.4	.8	2.2	6.0	5.2	10.8	(D)	2.7
100 TO 249 EMPLOYEES . . . . .	3	1.1	7.5	.9	1.9	5.7	13.8	18.8	31.8	(D)	3.5
250 TO 499 EMPLOYEES . . . . .	6	9.4	59.9	7.6	14.4	43.2	139.5	197.2	326.0	4.6	64.3
1,000 TO 2,499 EMPLOYEES . . . . .	7	41.5	304.9	34.7	66.7	237.4	632.7	802.8	1 412.8	30.8	264.0
2,500 EMPLOYEES OR MORE . . . . .											
ESTABLS. COVERED BY ADMIN. RECORDS <sup>1</sup>	9	(D)	(0)	(0)	(0)	(D)	(0)	(0)	(0)	(0)	(0)
3633-- HOUSEHOLD LAUNDRY EQUIPMENT											
ESTABLISHMENTS, TOTAL . . . . .	35	22.2	154.2	17.8	33.7	113.8	408.4	562.3	982.5	31.8	138.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	2	.1	1.0	(Z)	.1	.4	1.1	3.7	4.7	12.4	1.0
5 TO 9 EMPLOYEES . . . . .	4	(D)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
10 TO 19 EMPLOYEES . . . . .	1	(D)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
20 TO 49 EMPLOYEES . . . . .	2	(D)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
50 TO 99 EMPLOYEES . . . . .	6	.5	3.3	.4	.8	2.4	6.5	11.1	17.4	(D)	1.9
100 TO 249 EMPLOYEES . . . . .	5	.9	5.2	.6	1.3	3.5	6.4	10.3	16.7	(D)	2.4
250 TO 499 EMPLOYEES . . . . .	4	2.6	16.9	1.9	4.0	11.7	31.9	55.8	90.1	(D)	15.9
500 TO 999 EMPLOYEES . . . . .	2	(D)	(0)	(0)	(0)	(0)	(D)	(0)	(0)	(0)	(0)
1,000 TO 2,499 EMPLOYEES . . . . .	7	18.1	127.7	14.8	27.5	95.8	362.5	481.3	853.5	19.2	117.4
2,500 EMPLOYEES OR MORE . . . . .	2	(D)	(0)	(0)	(0)	(D)	(0)	(0)	(0)	(0)	(0)
ESTABLS. COVERED BY ADMIN. RECORDS <sup>1</sup>	4	(D)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
3634-- ELECTRIC HOUSEWARES AND FANS											
ESTABLISHMENTS, TOTAL . . . . .	290	44.6	241.1	35.5	69.1	161.0	590.4	518.5	1 112.0	24.6	236.2
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	94	.1	.8	.1	.2	.5	2.2	1.9	4.1	(Z)	.7
5 TO 9 EMPLOYEES . . . . .	30	.2	1.0	.2	.3	.6	2.2	1.7	3.9	.2	.6
10 TO 19 EMPLOYEES . . . . .	23	.3	1.5	.3	.5	1.0	3.9	3.8	7.7	.2	1.3
20 TO 49 EMPLOYEES . . . . .	29	1.0	4.7	.7	1.4	2.8	10.6	9.1	20.2	.6	2.8
50 TO 99 EMPLOYEES . . . . .	28	2.0	9.0	1.6	3.3	6.0	21.0	24.0	47.0	.9	8.4
100 TO 249 EMPLOYEES . . . . .	33	5.1	25.4	4.3	8.5	16.9	66.0	76.1	140.2	2.1	30.5
250 TO 499 EMPLOYEES . . . . .	23	8.4	37.5	7.2	14.2	27.0	110.2	95.3	206.1	3.8	46.1
500 TO 999 EMPLOYEES . . . . .	21	13.8	69.8	11.1	22.3	50.5	158.6	156.0	319.0	6.8	70.2
1,000 TO 2,499 EMPLOYEES . . . . .	8	13.6	91.4	9.9	18.4	55.7	215.6	150.6	363.9	10.1	75.6
2,500 EMPLOYEES OR MORE . . . . .	1	(D)	(0)	(0)	(0)	(D)	(0)	(0)	(0)	(0)	(0)
ESTABLS. COVERED BY ADMIN. RECORDS <sup>1</sup>	96	.2	1.2	.2	.4	.8	3.1	2.7	5.8	.1	1.0
3635-- HOUSEHOLD VACUUM CLEANERS											
ESTABLISHMENTS, TOTAL . . . . .	34	9.2	58.8	7.1	13.2	39.6	181.4	116.5	293.2	6.5	56.5
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	8	(Z)	.1	(Z)	(Z)	.1	.4	.2	.6	(Z)	.1
5 TO 9 EMPLOYEES . . . . .	3	(Z)	.1	(Z)	(Z)	.1	.3	.2	.5	(D)	.1
10 TO 19 EMPLOYEES . . . . .	6	.1	.5	.1	.1	.4	1.2	.8	2.0	(Z)	.2
20 TO 49 EMPLOYEES . . . . .	5	.1	.7	.1	.2	.4	1.6	1.9	3.4	(Z)	.7
50 TO 99 EMPLOYEES . . . . .	3	.2	1.1	.2	.3	.7	1.4	3.2	4.7	(D)	.5
100 TO 249 EMPLOYEES . . . . .	3	1.5	10.9	1.3	2.3	7.2	30.6	32.9	63.6	1.0	11.5
250 TO 499 EMPLOYEES . . . . .	1	(D)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
500 TO 999 EMPLOYEES . . . . .	1	(D)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1,000 TO 2,499 EMPLOYEES . . . . .	3	7.2	45.5	5.5	10.2	30.8	145.9	77.3	218.5	5.4	43.4
2,500 EMPLOYEES OR MORE . . . . .	1	(D)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABLS. COVERED BY ADMIN. RECORDS <sup>1</sup>	9	(D)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

See footnotes at end of table.



TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number	Payroll	Number	Man-hours	Wages					
		(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					
3636-- SEWING MACHINES											
ESTABLISHMENTS, TOTAL . . . . .	86	6.4	49.3	4.9	9.7	34.7	94.1	31.2	123.6	5.6	51.2
ESTABLISHMENTS WITH AN AVERAGE DF-1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	48	.1	.5	.1	.1	.4	1.7	.6	2.3	(Z)	1.1
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	8	.1	.4	(Z)	.1	.3	.7	.2	.9	(Z)	.3
10 TO 19 EMPLOYEES <sup>e</sup> . . . . .	9	.1	.7	.1	.2	.5	1.3	.6	1.9	(Z)	.2
20 TO 49 EMPLOYEES <sup>e</sup> . . . . .	10	.3	2.1	.2	.5	1.4	3.1	1.8	4.7	.3	1.1
50 TO 99 EMPLOYEES <sup>e</sup> . . . . .	4	.6	4.0	.5	.9	2.9	10.5	8.8	17.7	.6	7.3
100 TO 249 EMPLOYEES <sup>e</sup> . . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
250 TO 499 EMPLOYEES <sup>e</sup> . . . . .	2	5.3	41.7	4.0	7.9	29.3	76.8	19.4	96.0	4.6	41.2
500 TO 999 EMPLOYEES <sup>e</sup> . . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2,500 EMPLOYEES OR MORE <sup>e</sup> . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	46	.1	.5	.1	.1	.4	1.8	.6	2.4	(Z)	1.2
3639-- HOUSEHOLD APPLIANCES, NEC											
ESTABLISHMENTS, TOTAL . . . . .	83	13.4	90.9	10.0	20.6	60.1	217.7	265.6	479.9	10.7	75.5
ESTABLISHMENTS WITH AN AVERAGE DF-1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	17	(Z)	.1	(Z)	(Z)	.1	.5	.5	1.0	(Z)	.1
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	8	.1	.4	(Z)	.1	.2	.9	.9	1.9	(Z)	.3
10 TO 19 EMPLOYEES <sup>e</sup> . . . . .	4	.1	.5	(Z)	.1	.2	.8	.8	1.6	(Z)	.3
20 TO 49 EMPLOYEES <sup>e</sup> . . . . .	14	.5	2.8	.3	.7	1.7	9.5	20.4	28.3	.8	3.5
50 TO 99 EMPLOYEES <sup>e</sup> . . . . .	11	.7	4.2	.5	1.1	2.9	9.1	18.2	27.1	.3	4.6
100 TO 249 EMPLOYEES <sup>e</sup> . . . . .	13	1.8	9.9	1.3	2.9	6.6	25.4	36.5	58.9	3.2	12.2
250 TO 499 EMPLOYEES <sup>e</sup> . . . . .	7	2.5	17.1	1.8	3.7	11.1	39.9	42.3	82.1	2.0	13.4
500 TO 999 EMPLOYEES <sup>e</sup> . . . . .	6	4.3	30.1	3.3	6.7	20.2	63.8	76.3	141.9	2.3	18.4
1,000 TO 2,499 EMPLOYEES <sup>e</sup> . . . . .	3	3.6	25.7	2.6	5.4	17.2	68.0	69.6	137.1	2.0	22.6
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	18	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3641-- ELECTRIC LAMPS											
ESTABLISHMENTS, TOTAL . . . . .	106	29.5	169.9	25.8	49.9	136.0	533.4	252.6	781.8	48.2	83.7
ESTABLISHMENTS WITH AN AVERAGE DF-1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	25	(Z)	.2	(Z)	.1	.2	.6	.3	.9	25.0	.1
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	12	.1	.4	.1	.1	.4	1.1	.5	1.6	(D)	.2
10 TO 19 EMPLOYEES <sup>e</sup> . . . . .	4	.1	.4	(Z)	.1	.3	.6	.6	1.2	(D)	.1
20 TO 49 EMPLOYEES <sup>e</sup> . . . . .	12	.4	1.9	.3	.6	1.5	4.2	2.3	6.5	(D)	.5
50 TO 99 EMPLOYEES <sup>e</sup> . . . . .	5	.3	1.6	.3	.6	1.3	4.6	6.1	10.5	(D)	1.7
100 TO 249 EMPLOYEES <sup>e</sup> . . . . .	10	1.6	7.4	1.3	2.7	5.5	27.5	20.2	48.1	(D)	5.2
250 TO 499 EMPLOYEES <sup>e</sup> . . . . .	16	5.7	32.2	4.9	9.3	25.0	95.1	60.7	155.5	(D)	13.9
500 TO 999 EMPLOYEES <sup>e</sup> . . . . .	16	11.4	62.3	10.3	19.5	52.1	224.1	104.5	325.4	13.6	28.8
1,000 TO 2,499 EMPLOYEES <sup>e</sup> . . . . .	5	9.9	63.3	8.5	16.9	49.9	175.6	57.3	232.1	9.6	33.7
2,500 EMPLOYEES OR MORE <sup>e</sup> . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	31	.1	.4	.1	.1	.4	1.1	.6	1.7	(Z)	.2
3642-- LIGHTING FIXTURES											
ESTABLISHMENTS, TOTAL . . . . .	1 213	64.6	388.0	50.0	98.8	252.6	828.6	769.3	1 593.6	32.7	246.5
ESTABLISHMENTS WITH AN AVERAGE DF-1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	395	.7	3.7	.7	1.0	2.5	10.1	10.2	20.3	.2	2.7
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	134	.9	5.2	.8	1.4	3.5	12.9	12.2	25.1	.4	3.3
10 TO 19 EMPLOYEES <sup>e</sup> . . . . .	160	2.2	12.5	1.7	3.3	8.1	27.7	28.3	55.6	.7	6.3
20 TO 49 EMPLOYEES <sup>e</sup> . . . . .	243	7.9	43.6	6.2	12.0	27.9	92.8	97.4	189.1	2.0	22.6
50 TO 99 EMPLOYEES <sup>e</sup> . . . . .	130	9.3	51.9	7.2	14.1	31.6	107.5	111.6	217.3	3.7	34.6
100 TO 249 EMPLOYEES <sup>e</sup> . . . . .	97	14.7	84.5	11.2	22.1	53.5	180.5	180.0	357.3	6.1	62.2
250 TO 499 EMPLOYEES <sup>e</sup> . . . . .	35	11.4	68.6	8.6	17.2	43.4	137.5	118.9	256.7	6.7	44.2
500 TO 999 EMPLOYEES <sup>e</sup> . . . . .	16	17.5	118.0	13.5	27.7	82.2	259.7	210.6	472.2	13.0	70.6
1,000 TO 2,499 EMPLOYEES <sup>e</sup> . . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2,500 EMPLOYEES OR MORE <sup>e</sup> . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	427	1.1	5.7	1.1	1.6	3.9	15.0	15.1	30.0	.4	4.2
3643-- CURRENT-CARRYING WIRING DEVICES											
ESTABLISHMENTS, TOTAL . . . . .	375	40.1	234.4	30.5	60.1	151.3	507.4	330.0	837.0	29.8	162.5
ESTABLISHMENTS WITH AN AVERAGE DF-1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	98	.2	1.0	.2	.3	.7	3.7	2.8	6.5	(Z)	.8
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	42	.3	1.5	.3	.4	1.0	4.0	3.4	7.3	.2	1.2
10 TO 19 EMPLOYEES <sup>e</sup> . . . . .	50	.7	3.9	.5	1.1	2.3	8.2	6.7	14.8	1.7	1.8
20 TO 49 EMPLOYEES <sup>e</sup> . . . . .	71	2.3	11.7	1.8	3.5	7.4	27.0	21.9	48.1	1.3	7.6
50 TO 99 EMPLOYEES <sup>e</sup> . . . . .	42	3.2	18.9	2.5	5.1	12.3	39.8	33.4	74.2	1.9	11.0
100 TO 249 EMPLOYEES <sup>e</sup> . . . . .	37	5.8	31.8	4.5	9.0	21.0	69.9	42.2	111.6	4.3	18.3
250 TO 499 EMPLOYEES <sup>e</sup> . . . . .	19	6.9	42.8	5.3	10.5	26.3	86.2	55.3	141.5	5.8	36.3
500 TO 999 EMPLOYEES <sup>e</sup> . . . . .	8	5.8	40.4	4.2	8.1	24.2	103.3	66.1	170.1	3.0	32.3
1,000 TO 2,499 EMPLOYEES <sup>e</sup> . . . . .	7	14.9	82.3	11.3	22.2	56.2	165.4	98.4	263.0	11.6	53.1
2,500 EMPLOYEES OR MORE <sup>e</sup> . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	115	.4	1.7	.3	.5	1.1	4.6	3.3	8.0	.1	1.3

See footnotes at end of table.

TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments  (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					
<b>3644-- NONCURRENT-CARRYING WIRING DEVICES</b>											
ESTABLISHMENTS, TOTAL . . . . .	174	22.9	158.1	16.8	33.5	102.0	344.7	297.4	637.9	20.2	134.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	30	.1	.5	.1	.1	.3	1.4	.8	2.2	(2)	.3
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	19	.1	.8	.1	.2	.5	1.9	2.4	4.4	.1	.7
10 TO 19 EMPLOYEES <sup>e</sup> . . . . .	20	.3	1.9	.2	.4	1.1	3.9	4.0	7.9	(2)	1.1
20 TO 49 EMPLOYEES <sup>e</sup> . . . . .	25	.7	4.5	.6	1.2	3.3	8.8	7.3	15.5	1.3	3.0
50 TO 99 EMPLOYEES <sup>e</sup> . . . . .	33	2.4	14.5	1.9	3.9	10.2	35.8	32.9	68.0	1.0	13.3
100 TO 249 EMPLOYEES <sup>e</sup> . . . . .	19	3.0	21.0	2.3	4.7	14.7	47.2	59.0	107.0	3.1	19.6
250 TO 499 EMPLOYEES <sup>e</sup> . . . . .	18	6.1	41.3	4.6	8.7	28.0	89.2	83.4	169.1	4.4	32.2
500 TO 999 EMPLOYEES <sup>e</sup> . . . . .	6	4.1	28.4	3.1	6.3	17.9	52.4	57.8	110.4	2.8	23.4
1,000 TO 2,499 EMPLOYEES <sup>e</sup> . . . . .	4	6.1	45.3	3.9	8.0	26.1	104.0	49.8	153.4	7.5	41.0
2,500 EMPLOYEES OR MORE <sup>e</sup> . . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN. RECORDS <sup>1e</sup>	29	.1	.5	.1	.1	.3	1.0	.9	1.9	(2)	.4
<b>3651-- RADIO AND TV RECEIVING SETS</b>											
ESTABLISHMENTS, TOTAL . . . . .	340	116.7	643.6	96.2	183.4	462.6	1 404.5	2 486.0	3 846.3	86.1	726.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	100	.2	.8	.2	.2	.6	1.9	2.1	4.0	.1	.8
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	31	.2	1.1	.2	.3	.7	1.7	1.8	3.6	.1	.7
10 TO 19 EMPLOYEES <sup>e</sup> . . . . .	22	.3	1.6	.2	.5	1.0	2.7	2.4	5.1	.1	.9
20 TO 49 EMPLOYEES <sup>e</sup> . . . . .	44	1.3	6.3	1.1	2.1	4.3	12.8	13.0	25.2	.4	4.4
50 TO 99 EMPLOYEES <sup>e</sup> . . . . .	26	1.8	9.1	1.4	2.9	5.7	19.0	25.4	43.1	.7	6.5
100 TO 249 EMPLOYEES <sup>e</sup> . . . . .	36	6.5	30.7	5.3	9.9	20.4	55.5	74.8	129.7	1.3	29.9
250 TO 499 EMPLOYEES <sup>e</sup> . . . . .	31	10.8	54.1	8.3	16.2	33.8	102.7	153.8	252.4	11.6	71.8
500 TO 999 EMPLOYEES <sup>e</sup> . . . . .	19	13.2	69.8	10.8	21.5	47.1	147.5	145.8	292.5	3.2	85.6
1,000 TO 2,499 EMPLOYEES <sup>e</sup> . . . . .	20	29.1	158.1	23.1	44.5	105.9	269.5	524.0	799.2	30.3	226.4
2,500 EMPLOYEES OR MORE <sup>e</sup> . . . . .	11	53.3	311.9	45.7	85.4	243.0	791.0	1 542.8	2 291.6	38.3	298.9
ESTABS. COVERED BY ADMIN. RECORDS <sup>1e</sup>	107	.2	1.3	.2	.4	.9	2.6	2.8	5.4	.1	1.1
<b>3652-- PHONOGRAPH RECORDS</b>											
ESTABLISHMENTS, TOTAL . . . . .	321	13.6	76.6	11.0	22.2	54.0	182.3	95.2	276.4	7.1	38.7
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	195	.3	1.5	.3	.4	1.1	6.1	2.8	8.8	.1	.7
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	34	.2	1.2	.2	.4	.9	3.8	2.5	6.4	.1	.7
10 TO 19 EMPLOYEES <sup>e</sup> . . . . .	19	.3	1.8	.2	.4	1.2	5.1	4.2	9.4	.2	.8
20 TO 49 EMPLOYEES <sup>e</sup> . . . . .	33	1.1	5.9	.9	1.8	4.2	17.6	9.5	26.4	.5	3.1
50 TO 99 EMPLOYEES <sup>e</sup> . . . . .	17	1.3	7.5	1.2	2.3	5.8	13.6	8.4	22.0	1.2	.9
100 TO 249 EMPLOYEES <sup>e</sup> . . . . .	9	1.5	7.0	1.2	2.4	5.5	14.1	12.8	26.7	.7	2.3
250 TO 499 EMPLOYEES <sup>e</sup> . . . . .	7	2.1	12.1	1.8	3.9	8.9	33.8	19.5	50.9	1.2	7.5
500 TO 999 EMPLOYEES <sup>e</sup> . . . . .	4	6.8	39.5	5.2	10.6	26.5	88.2	35.5	125.7	3.1	22.8
1,000 TO 2,499 EMPLOYEES <sup>e</sup> . . . . .	3	(D)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1e</sup>	192	.4	2.2	.4	.6	1.3	6.5	3.2	9.7	.2	1.2
<b>3661-- TELEPHONE AND TELEGRAPH APPARATUS</b>											
ESTABLISHMENTS, TOTAL . . . . .	106	115.4	827.9	83.2	158.8	534.4	1 536.7	1 082.7	2 591.2	110.9	536.4
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	28	(2)	.2	(2)	(2)	.1	.6	.4	1.0	.6	.3
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	9	.1	.4	(2)	.1	.2	1.1	.8	1.9	(O)	.4
10 TO 19 EMPLOYEES <sup>e</sup> . . . . .	6	.1	.5	.1	.1	.2	.8	.6	1.3	(2)	.3
20 TO 49 EMPLOYEES <sup>e</sup> . . . . .	16	.5	2.9	.4	.8	1.8	10.3	5.9	15.7	1.9	2.1
50 TO 99 EMPLOYEES <sup>e</sup> . . . . .	5	.3	1.9	.2	.4	.9	2.9	3.4	6.2	.1	1.1
100 TO 249 EMPLOYEES <sup>e</sup> . . . . .	7	1.4	9.4	1.0	2.0	5.7	19.7	15.3	46.6	.5	5.3
250 TO 499 EMPLOYEES <sup>e</sup> . . . . .	5	1.6	8.3	1.2	2.1	5.0	15.0	14.3	28.9	.5	8.7
500 TO 999 EMPLOYEES <sup>e</sup> . . . . .	11	111.4	804.2	80.3	153.3	520.4	1 486.3	1 041.9	2 489.5	107.3	518.3
1,000 TO 2,499 EMPLOYEES <sup>e</sup> . . . . .	4	(D)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
2,500 EMPLOYEES OR MORE <sup>e</sup> . . . . .	15	(D)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1e</sup>	27	.1	.3	.1	.1	.2	.9	.6	1.5	.1	.4
<b>3662-- RADIO &amp; TV COMMUNICATION EQUIPMENT</b>											
ESTABLISHMENTS, TOTAL . . . . .	1 296	409.5	3 568.8	221.3	447.6	1 515.6	5 455.8	3 433.4	8 555.8	246.0	2 114.9
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	267	.4	3.5	.4	.5	1.5	8.1	4.8	12.7	1.0	2.3
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	98	.6	5.1	.4	.7	2.2	9.1	6.6	15.5	.5	2.2
10 TO 19 EMPLOYEES <sup>e</sup> . . . . .	149	2.1	14.5	1.4	2.6	7.3	25.1	18.3	43.4	.9	7.8
20 TO 49 EMPLOYEES <sup>e</sup> . . . . .	239	8.2	53.4	5.4	10.4	27.4	97.2	63.7	156.5	3.9	31.2
50 TO 99 EMPLOYEES <sup>e</sup> . . . . .	154	11.2	73.9	7.8	15.9	41.8	140.3	89.7	224.8	6.1	46.6
100 TO 249 EMPLOYEES <sup>e</sup> . . . . .	157	23.6	165.2	15.2	30.4	82.6	302.2	186.2	483.8	17.3	101.8
250 TO 499 EMPLOYEES <sup>e</sup> . . . . .	84	29.3	214.8	18.8	37.3	107.2	380.0	266.2	623.6	21.9	155.1
500 TO 999 EMPLOYEES <sup>e</sup> . . . . .	55	36.8	273.0	22.8	45.6	134.8	431.0	320.7	740.0	22.0	211.8
1,000 TO 2,499 EMPLOYEES <sup>e</sup> . . . . .	54	90.0	812.8	50.7	100.8	389.3	1 284.2	766.0	1 972.6	51.6	448.8
2,500 EMPLOYEES OR MORE <sup>e</sup> . . . . .	39	207.5	1 952.6	98.5	203.3	721.5	2 778.6	1 710.9	4 283.0	120.8	1 107.1
ESTABS. COVERED BY ADMIN. RECORDS <sup>1e</sup>	254	.6	4.1	.5	.7	1.9	7.8	5.2	13.0	.2	2.4

See footnotes at end of table.



TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number	Payroll	Number	Man-hours	Wages					
		(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					
3671-- ELECTRON TUBES, RECEIVING TYPE											
ESTABLISHMENTS, TOTAL . . . . .	39	21.0	118.3	18.0	32.4	85.9	224.7	72.8	300.6	7.0	27.9
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	10	(2)	.1	(2)	(2)	(2)	.1	.1	.2	.1	(2)
5 TO 9 EMPLOYEES . . . . .	5	.1	.6	.1	.1	.4	1.2	.2	1.3	.1	.3
10 TO 19 EMPLOYEES . . . . .	5	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
20 TO 49 EMPLOYEES . . . . .	3	.1	.6	.1	.2	.4	1.2	.4	1.6	.1	.4
50 TO 99 EMPLOYEES . . . . .	1	.4	1.4	.3	.5	1.2	3.0	.8	3.7	.9	.2
100 TO 249 EMPLOYEES . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
250 TO 499 EMPLOYEES . . . . .	3	2.5	11.1	2.3	4.2	9.6	20.9	6.7	27.5	.1	3.1
500 TO 999 EMPLOYEES . . . . .	2	1.4	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1,000 TO 2,499 EMPLOYEES . . . . .	6	17.9	104.4	15.2	27.4	74.3	198.1	64.7	266.3	6.1	22.8
2,500 EMPLOYEES OR MORE . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1e</sup>	14	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
3672-- CATHODE RAY PICTURE TUBES											
ESTABLISHMENTS, TOTAL . . . . .	99	27.6	172.5	19.9	40.0	107.4	462.5	357.6	832.3	46.0	85.3
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	62	.1	.5	.1	.1	.3	1.1	1.1	2.2	.1	.2
5 TO 9 EMPLOYEES . . . . .	7	(2)	.3	(2)	.1	.2	.5	.4	.9	.1	.1
10 TO 19 EMPLOYEES . . . . .	7	.1	.5	.1	.2	.4	.9	.5	1.4	(0)	.2
20 TO 49 EMPLOYEES . . . . .	9	.5	2.4	.3	.8	1.8	5.2	3.1	8.2	(2)	.8
50 TO 99 EMPLOYEES . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
100 TO 249 EMPLOYEES . . . . .	2	2.0	11.9	1.4	2.5	6.4	33.3	30.2	63.1	7.9	5.2
250 TO 499 EMPLOYEES . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
500 TO 999 EMPLOYEES . . . . .	5	24.9	156.9	17.9	36.4	98.3	421.6	322.3	756.5	38.0	78.9
1,000 TO 2,499 EMPLOYEES . . . . .	3	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2,500 EMPLOYEES OR MORE . . . . .	3	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1e</sup>	62	.1	.6	.1	.1	.4	1.2	1.4	2.6	(2)	.2
3673-- ELECTRON TUBES, TRANSMITTING											
ESTABLISHMENTS, TOTAL . . . . .	56	18.2	145.8	12.6	26.1	84.0	239.6	128.5	369.4	13.1	84.7
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	10	(2)	.1	(2)	(2)	.1	.2	.1	.4	.5	.1
5 TO 9 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
10 TO 19 EMPLOYEES . . . . .	7	.1	.7	.1	.2	.5	1.2	.6	1.8	(0)	.3
20 TO 49 EMPLOYEES . . . . .	4	.4	1.5	.2	.5	1.1	3.0	1.4	4.4	(2)	.8
50 TO 99 EMPLOYEES . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
100 TO 249 EMPLOYEES . . . . .	13	1.9	13.9	1.4	2.9	9.0	22.7	10.1	33.1	.9	7.9
250 TO 499 EMPLOYEES . . . . .	10	3.9	28.3	2.9	5.9	17.4	54.1	21.7	76.9	2.6	16.7
500 TO 999 EMPLOYEES . . . . .	5	11.9	101.1	8.0	16.6	55.9	159.3	94.6	252.6	9.0	59.0
1,000 TO 2,499 EMPLOYEES . . . . .	3	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2,500 EMPLOYEES OR MORE . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup>	7	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
3674-- SEMICONDUCTORS											
ESTABLISHMENTS, TOTAL . . . . .	177	85.4	545.1	58.0	118.1	307.3	820.2	337.6	1 141.0	131.1	214.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	31	.1	.4	.1	.1	.2	.6	.2	.8	3.1	.2
5 TO 9 EMPLOYEES . . . . .	20	.1	1.0	.1	.2	.4	1.5	.9	2.4	(0)	.3
10 TO 19 EMPLOYEES . . . . .	9	.1	.7	.1	.1	.3	1.1	.6	1.7	(0)	.2
20 TO 49 EMPLOYEES . . . . .	17	.5	3.0	.4	.7	1.7	5.5	3.0	8.3	(0)	1.2
50 TO 99 EMPLOYEES . . . . .	21	1.4	8.5	1.0	2.1	5.1	17.2	4.8	21.6	2.0	3.0
100 TO 249 EMPLOYEES . . . . .	22	3.3	17.4	2.5	4.7	9.8	32.2	16.2	47.3	4.4	9.2
250 TO 499 EMPLOYEES . . . . .	18	6.0	34.8	4.3	8.7	18.2	67.7	27.2	94.4	7.4	17.9
500 TO 999 EMPLOYEES . . . . .	20	15.4	93.5	11.0	21.7	53.1	143.5	61.2	194.2	25.5	52.4
1,000 TO 2,499 EMPLOYEES . . . . .	14	21.1	135.7	15.4	30.5	82.1	201.2	83.2	278.1	44.0	62.4
2,500 EMPLOYEES OR MORE . . . . .	5	37.3	250.3	23.3	49.3	136.5	349.8	140.3	492.3	44.7	67.3
ESTABS. COVERED BY ADMIN. RECORDS <sup>1e</sup>	31	.1	.5	.1	.1	.2	.7	.3	1.0	.1	.2
3679-- ELECTRONIC COMPONENTS, NEC											
ESTABLISHMENTS, TOTAL . . . . .	2 068	251.3	1 453.6	185.0	359.6	864.3	2 612.2	2 234.1	4 809.4	176.1	873.8
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	413	.7	3.7	.7	1.0	2.3	8.6	5.3	13.9	1.1	2.3
5 TO 9 EMPLOYEES . . . . .	211	1.4	8.5	1.2	2.1	5.2	15.6	9.0	24.4	1.0	3.3
10 TO 19 EMPLOYEES . . . . .	231	3.3	19.3	2.5	4.9	12.0	35.7	21.9	57.3	2.2	6.5
20 TO 49 EMPLOYEES . . . . .	405	12.8	68.9	10.2	19.3	44.7	129.4	77.9	206.2	8.2	25.4
50 TO 99 EMPLOYEES . . . . .	274	19.5	102.7	15.6	30.5	67.5	183.7	110.7	291.1	11.0	43.8
100 TO 249 EMPLOYEES . . . . .	287	46.3	236.6	36.5	70.8	149.4	450.7	252.1	689.6	31.8	118.3
250 TO 499 EMPLOYEES . . . . .	142	49.5	269.9	38.1	75.4	171.5	469.0	262.1	717.8	28.1	138.5
500 TO 999 EMPLOYEES . . . . .	77	52.5	292.8	40.5	80.1	193.2	563.5	299.5	863.5	37.3	149.6
1,000 TO 2,499 EMPLOYEES . . . . .	20	26.8	156.9	18.6	35.3	91.1	312.6	113.2	419.9	21.3	82.4
2,500 EMPLOYEES OR MORE . . . . .	8	38.5	294.2	21.1	40.1	126.8	442.9	1 082.4	1 525.9	33.9	303.5
ESTABS. COVERED BY ADMIN. RECORDS <sup>1e</sup>	445	1.3	6.6	1.2	1.9	4.1	13.1	8.0	21.1	.6	3.6

See footnotes at end of table.

TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					
3691-- STORAGE BATTERIES											
ESTABLISHMENTS, TOTAL. . . . .	232	19.3	133.3	15.2	30.6	97.7	259.2	313.7	577.5	14.8	92.1
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	64	.1	.6	.1	.2	.5	1.6	2.2	4.0	.6	.6
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	28	.2	1.3	.2	.3	.9	2.5	3.0	5.5	.1	.7
10 TO 19 EMPLOYEES <sup>e</sup> . . . . .	20	.3	1.6	.2	.4	1.1	3.2	4.5	7.6	.1	.9
20 TO 49 EMPLOYEES. . . . .	31	.9	5.4	.6	1.3	3.4	10.8	17.9	28.7	.7	4.8
50 TO 99 EMPLOYEES. . . . .	31	2.1	12.3	1.7	3.4	9.3	25.6	39.3	66.2	.9	10.3
100 TO 249 EMPLOYEES. . . . .	41	6.0	41.6	4.9	9.9	31.7	83.9	123.9	209.4	4.1	31.4
250 TO 499 EMPLOYEES. . . . .	9	3.4	23.5	2.6	5.2	16.0	46.8	49.7	96.5	5.7	16.8
500 TO 999 EMPLOYEES. . . . .	6	6.3	47.1	4.9	9.8	34.8	84.8	72.2	159.6	2.6	26.5
1,000 TO 2,499 EMPLOYEES. . . . .	2	(D)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
ESTABS. COVERED BY ADMIN.RECORDS <sup>1</sup> <sup>e</sup>	70	.2	1.1	.2	.3	.8	2.6	3.1	5.7	.1	.8
3692-- PRIMARY BATTERIES, DRY AND WET											
ESTABLISHMENTS, TOTAL. . . . .	49	11.0	61.0	8.9	17.6	43.2	188.7	122.0	307.6	20.2	45.4
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES. . . . .	10	(Z)	.1	(Z)	(Z)	.1	.4	.1	.6	29.2	.1
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	2	(Z)	.2	(Z)	(Z)	.2	.4	.3	.5	(D)	.1
10 TO 19 EMPLOYEES <sup>e</sup> . . . . .	1	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
20 TO 49 EMPLOYEES. . . . .	6	.2	1.0	.1	.3	.6	2.0	1.6	3.5	(D)	.4
50 TO 99 EMPLOYEES. . . . .	7	.6	3.0	.6	1.1	2.6	6.6	4.0	10.5	(D)	1.2
100 TO 249 EMPLOYEES. . . . .	7	1.3	7.3	1.1	2.2	5.4	24.0	17.6	41.5	(D)	4.6
250 TO 499 EMPLOYEES. . . . .	9	3.5	18.0	2.9	5.7	13.3	59.3	35.7	94.4	11.0	12.8
500 TO 999 EMPLOYEES. . . . .	6	5.3	31.5	4.3	8.2	21.1	96.1	62.7	156.5	(D)	26.4
1,000 TO 2,499 EMPLOYEES. . . . .	1	(O)	(O)	(O)	(D)	(O)	(O)	(O)	(O)	(O)	(O)
ESTABS. COVERED BY ADMIN.RECORDS <sup>1</sup> <sup>e</sup>	8	(D)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
3693-- X-RAY APPARATUS AND TUBES											
ESTABLISHMENTS, TOTAL. . . . .	82	7.9	63.3	4.3	8.7	26.3	135.7	104.0	233.2	11.2	56.1
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	30	(Z)	.3	(Z)	(Z)	.1	.6	.4	1.0	(Z)	.2
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	5	(Z)	.3	(Z)	(Z)	.1	.5	.3	.8	(Z)	.2
10 TO 19 EMPLOYEES. . . . .	6	.1	.6	.1	.1	.3	1.4	.6	2.0	(Z)	.5
20 TO 49 EMPLOYEES. . . . .	14	.5	2.8	.3	.7	1.8	5.1	3.7	8.8	.2	1.4
50 TO 99 EMPLOYEES. . . . .	10	.7	4.7	.4	.9	2.3	10.2	6.9	17.1	.7	2.5
100 TO 249 EMPLOYEES. . . . .	10	1.5	11.3	.9	1.9	4.8	25.7	9.9	34.7	2.1	9.9
250 TO 499 EMPLOYEES. . . . .	3	1.0	7.2	.5	1.1	3.0	16.6	12.3	26.4	.2	9.5
500 TO 999 EMPLOYEES. . . . .	2	4.2	36.1	2.0	4.0	13.8	75.6	69.7	142.4	7.9	31.9
1,000 TO 2,499 EMPLOYEES. . . . .	2	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
ESTABS. COVERED BY ADMIN.RECORDS <sup>1</sup> <sup>e</sup>	30	.1	.4	(Z)	.1	.2	.8	.6	1.4	(Z)	.3
3694-- ENGINE ELECTRICAL EQUIPMENT											
ESTABLISHMENTS, TOTAL. . . . .	264	55.4	387.4	44.2	86.3	286.8	766.0	598.7	1,364.7	46.0	177.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	66	.1	.6	.1	.2	.5	1.7	1.3	3.0	(Z)	.4
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	25	.2	1.2	.2	.4	.9	2.2	2.0	4.2	.1	.5
10 TO 19 EMPLOYEES <sup>e</sup> . . . . .	41	.6	3.2	.5	.9	2.1	5.9	4.5	10.6	.2	1.2
20 TO 49 EMPLOYEES. . . . .	40	1.3	6.7	1.1	2.2	4.9	12.3	8.8	20.9	.7	2.0
50 TO 99 EMPLOYEES. . . . .	30	2.1	10.1	1.8	3.4	7.2	18.1	16.8	34.9	.4	4.8
100 TO 249 EMPLOYEES. . . . .	28	4.6	22.9	3.6	7.0	15.4	48.5	54.6	102.3	1.4	14.9
250 TO 499 EMPLOYEES. . . . .	16	5.4	28.7	4.4	8.8	20.8	55.3	50.1	104.6	1.5	18.4
500 TO 999 EMPLOYEES. . . . .	8	5.3	32.2	3.9	7.9	20.0	63.5	42.4	106.6	2.5	23.1
1,000 TO 2,499 EMPLOYEES. . . . .	6	35.8	281.9	28.8	55.7	215.0	558.6	418.3	977.5	39.1	111.7
2,500 EMPLOYEES OR MORE. . . . .	4	(D)	(O)	(O)	(O)	(D)	(O)	(O)	(O)	(O)	(O)
ESTABS. COVERED BY ADMIN.RECORDS <sup>1</sup> <sup>e</sup>	66	.2	1.0	.2	.3	.7	2.2	1.7	3.9	.1	.5
3699-- ELECTRICAL EQUIPMENT, NEC											
ESTABLISHMENTS, TOTAL. . . . .	538	13.6	70.0	11.1	20.2	45.2	144.4	147.0	290.8	11.5	41.8
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	291	.5	2.5	.5	.7	1.7	5.6	4.8	10.4	.1	1.3
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	69	.5	2.3	.4	.7	1.5	4.7	4.6	9.3	.2	1.2
10 TO 19 EMPLOYEES <sup>e</sup> . . . . .	50	.7	3.7	.5	1.0	2.3	7.3	6.9	14.1	.3	1.7
20 TO 49 EMPLOYEES. . . . .	61	2.1	9.9	1.7	3.1	6.4	20.3	21.3	41.3	.5	6.4
50 TO 99 EMPLOYEES. . . . .	35	2.4	12.3	2.0	3.8	7.9	24.7	33.4	57.7	2.5	8.0
100 TO 249 EMPLOYEES. . . . .	19	2.7	14.2	2.1	3.9	9.3	31.0	31.5	62.3	1.9	8.9
250 TO 499 EMPLOYEES. . . . .	10	3.3	14.5	2.7	4.9	9.8	30.1	29.9	60.6	1.3	10.4
500 TO 999 EMPLOYEES. . . . .	3	1.5	10.7	1.2	2.2	6.3	20.6	14.7	35.2	4.7	3.9
ESTABS. COVERED BY ADMIN.RECORDS <sup>1</sup> <sup>e</sup>	321	.8	4.2	.8	1.3	2.8	8.7	7.7	16.4	.3	2.2

See footnotes at end of table.



TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number	Payroll	Number	Man-hours	Wages					
		(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					
3711--- MOTOR VEHICLES											
ESTABLISHMENTS, TOTAL . . . . .	181	321.2	2 699.9	262.3	524.4	2 098.4	7 353.6	19 964.7	27 296.0	263.2	1 802.3
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	33	(2)	.3	(2)	.1	.3	.8	1.5	2.4	3.0	.3
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	6	(2)	.3	(2)	.1	.2	.4	.8	1.2	(D)	.2
10 TO 19 EMPLOYEES . . . . .	12	.2	1.1	.1	.3	.8	2.9	2.9	5.7	(D)	.5
20 TO 49 EMPLOYEES . . . . .	19	.6	4.0	.4	.9	2.8	6.8	6.3	13.0	.6	1.6
50 TO 99 EMPLOYEES . . . . .	8	.6	4.3	.5	1.1	3.0	14.0	25.7	38.9	1.4	6.4
100 TO 249 EMPLOYEES . . . . .	11	1.6	10.5	1.3	2.5	7.3	15.4	37.6	55.8	.5	16.8
250 TO 499 EMPLOYEES . . . . .	10	3.5	23.2	2.7	5.4	16.4	65.6	139.3	201.9	1.2	35.5
500 TO 999 EMPLOYEES . . . . .	10	7.5	54.1	5.5	11.2	37.9	85.4	207.2	296.4	5.3	58.9
1,000 TO 2,499 EMPLOYEES . . . . .	19	31.5	255.4	24.8	50.1	193.1	746.7	2 529.9	3 257.7	36.1	244.2
2,500 EMPLOYEES OR MORE . . . . .	53	275.6	2 346.7	226.8	452.8	1 836.6	6 415.6	17 013.4	23 422.9	215.2	1 437.9
ESTAB5. COVERED BY ADMIN. RECORDS <sup>1</sup>	21	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3713--- TRUCK AND BUS BODIES											
ESTABLISHMENTS, TOTAL . . . . .	641	30.4	192.2	24.6	49.4	138.5	331.7	376.4	706.1	13.0	126.9
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	175	.3	1.7	.3	.5	1.4	3.6	3.8	7.3	.7	1.1
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	102	.7	3.8	.6	1.1	3.0	6.8	8.2	15.0	(D)	2.0
10 TO 19 EMPLOYEES . . . . .	106	1.5	8.7	1.2	2.4	6.5	13.8	19.1	32.3	.4	4.3
20 TO 49 EMPLOYEES . . . . .	125	3.9	24.8	3.1	6.2	17.8	41.8	50.3	91.9	1.7	11.8
50 TO 99 EMPLOYEES . . . . .	68	4.8	29.6	3.9	8.0	20.9	54.0	63.7	116.7	2.0	16.7
100 TO 249 EMPLOYEES . . . . .	41	5.9	34.7	4.6	9.5	24.6	54.6	70.1	126.7	2.0	28.1
250 TO 499 EMPLOYEES . . . . .	12	4.4	26.5	3.7	7.5	19.0	50.0	49.6	98.8	1.4	16.8
500 TO 999 EMPLOYEES . . . . .	10	8.9	62.5	7.1	14.2	45.3	107.0	111.8	217.3	4.9	46.3
1,000 TO 2,499 EMPLOYEES . . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTAB5. COVERED BY ADMIN. RECORDS <sup>1</sup> <sup>e</sup>	220	.7	3.7	.7	1.1	2.9	7.5	8.2	15.8	.2	2.4
3714--- MOTOR VEHICLE PARTS & ACCESSORIES											
ESTABLISHMENTS, TOTAL . . . . .	1 674	364.9	2 890.8	300.0	609.0	2 244.3	5 712.0	5 943.3	11 623.8	572.0	1 468.5
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	579	.9	7.0	.9	1.6	5.6	11.2	20.2	31.3	24.3	5.5
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	138	.9	6.6	.8	1.5	5.0	11.5	14.1	26.2	2.4	3.9
10 TO 19 EMPLOYEES . . . . .	172	2.5	15.7	2.0	4.2	11.7	31.3	28.6	59.3	3.1	7.5
20 TO 49 EMPLOYEES . . . . .	262	8.3	52.7	6.5	13.6	37.0	105.8	100.1	206.2	9.9	27.8
50 TO 99 EMPLOYEES . . . . .	148	10.6	67.4	8.6	17.7	47.6	141.1	142.2	278.7	16.1	45.0
100 TO 249 EMPLOYEES . . . . .	153	24.0	145.9	19.6	39.9	106.9	304.2	306.3	601.4	17.5	94.9
250 TO 499 EMPLOYEES . . . . .	87	30.0	188.3	24.2	49.3	137.3	398.4	375.5	757.5	23.6	148.3
500 TO 999 EMPLOYEES . . . . .	55	37.6	266.0	31.1	63.9	205.3	568.0	508.0	1 074.5	36.6	187.0
1,000 TO 2,499 EMPLOYEES . . . . .	40	60.2	500.5	47.7	96.3	379.3	879.4	997.7	1 877.0	108.0	275.2
2,500 EMPLOYEES OR MORE . . . . .	40	190.0	1 640.6	158.8	321.0	1 308.7	3 260.9	3 450.4	6 711.6	330.4	673.2
ESTAB5. COVERED BY ADMIN. RECORDS <sup>1</sup> <sup>e</sup>	543	1.0	7.9	1.0	1.8	6.3	11.0	21.1	32.0	5.1	6.3
3715--- TRUCK TRAILERS											
ESTABLISHMENTS, TOTAL . . . . .	179	22.9	147.1	18.3	35.5	105.1	268.8	445.8	713.9	22.3	129.7
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	37	.1	.4	.1	.1	.3	.8	1.5	2.4	.2	.3
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	17	.1	.8	.1	.2	.6	1.5	2.1	3.6	(D)	.5
10 TO 19 EMPLOYEES . . . . .	17	.2	1.5	.2	.4	1.1	2.4	3.4	5.7	.1	1.0
20 TO 49 EMPLOYEES . . . . .	35	1.2	7.2	.9	1.8	5.1	11.7	16.2	27.7	.5	5.0
50 TO 99 EMPLOYEES . . . . .	19	1.4	9.3	1.1	2.2	6.5	16.7	22.1	37.8	.6	8.2
100 TO 249 EMPLOYEES . . . . .	24	3.5	22.7	2.7	5.6	15.5	35.2	61.4	97.5	8.8	20.7
250 TO 499 EMPLOYEES . . . . .	21	7.4	47.7	5.9	11.9	34.5	97.5	173.8	271.0	8.3	49.0
500 TO 999 EMPLOYEES . . . . .	6	4.3	27.5	3.5	6.9	20.1	49.9	88.2	137.0	2.7	28.0
1,000 TO 2,499 EMPLOYEES . . . . .	3	4.7	30.0	3.7	6.3	21.6	53.1	77.1	131.3	1.1	17.0
ESTAB5. COVERED BY ADMIN. RECORDS <sup>1</sup> <sup>e</sup>	34	.1	.6	.1	.2	.4	1.0	1.4	2.4	(2)	.5
3721--- AIRCRAFT											
ESTABLISHMENTS, TOTAL . . . . .	125	386.8	3 569.0	230.6	489.9	1 806.7	5 447.6	5 632.2	11 079.8	408.2	5 253.3
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	22	(2)	.2	(2)	(2)	.1	.4	.2	.6	.7	.1
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	12	.1	.6	.1	.1	.4	1.0	.5	1.5	(D)	.3
10 TO 19 EMPLOYEES . . . . .	12	.1	.7	.1	.2	.5	1.4	1.0	2.5	(D)	.4
20 TO 49 EMPLOYEES . . . . .	8	.4	2.8	.3	.5	1.7	4.5	5.6	10.0	.4	6.5
50 TO 99 EMPLOYEES . . . . .	17	1.1	8.8	.8	1.6	5.3	15.2	8.8	23.9	1.6	4.9
100 TO 249 EMPLOYEES <sup>e</sup> . . . . .	7	1.0	8.3	.8	1.6	5.2	15.4	5.7	21.1	(D)	3.4
250 TO 499 EMPLOYEES . . . . .	10	3.7	29.3	2.4	4.9	15.6	43.4	20.8	64.2	1.0	11.8
500 TO 999 EMPLOYEES . . . . .	9	6.4	43.7	4.8	9.1	26.9	70.0	40.3	110.3	1.6	32.0
1,000 TO 2,499 EMPLOYEES . . . . .	5	8.1	59.5	5.6	11.8	37.2	82.1	61.0	143.2	4.5	75.9
2,500 EMPLOYEES OR MORE . . . . .	23	365.9	3 415.0	215.7	460.0	1 713.7	5 214.2	5 488.2	10 702.5	398.5	5 118.1
ESTAB5. COVERED BY ADMIN. RECORDS <sup>1</sup> <sup>2 e</sup>	26	.3	3.2	.2	.4	1.5	4.2	2.5	6.7	1.2	1.4

See footnotes at end of table.

TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)											
Item	Establish- ments  (number)	All employees		Production workers			Value added by manufac- ture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expendi- tures, new (million dollars)	End-of- year inventories (million dollars)
		Number	Payroll	Number	Man-hours	Wages					
		(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					
3722-- AIRCRAFT ENGINES AND ENGINE PARTS											
ESTABLISHMENTS, TOTAL . . . . .	255	195.4	1 778.5	112.6	245.8	875.2	2 922.1	2 390.6	5 289.7	224.4	1 056.7
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>a</sup> . . . . .	24	(2)	.4	(2)	.1	.2	.9	.6	1.5	(2)	.2
5 TO 9 EMPLOYEES <sup>a</sup> . . . . .	9	.1	.6	(2)	.1	.3	.9	.5	1.4	(2)	.2
10 TO 19 EMPLOYEES . . . . .	20	.3	2.3	.2	.4	1.4	3.8	2.5	6.0	.4	.5
20 TO 49 EMPLOYEES . . . . .	53	1.8	14.9	1.4	3.1	9.7	25.8	8.6	33.7	2.5	3.4
50 TO 99 EMPLOYEES . . . . .	31	2.1	17.0	1.7	3.8	11.5	30.5	12.7	42.5	1.8	4.2
100 TO 249 EMPLOYEES . . . . .	49	7.9	63.6	5.9	13.0	41.4	102.6	57.1	158.7	6.7	23.3
250 TO 499 EMPLOYEES . . . . .	17	5.9	47.6	4.3	9.5	29.2	75.8	47.2	117.2	8.1	24.4
500 TO 999 EMPLOYEES . . . . .	16	10.4	86.1	7.0	14.3	50.6	128.4	92.2	209.7	4.7	45.7
1,000 TO 2,499 EMPLOYEES . . . . .	22	33.3	297.9	19.0	40.9	147.3	497.7	264.2	754.4	34.4	122.9
2,500 EMPLOYEES OR MORE . . . . .	14	133.6	1 248.2	73.0	160.7	583.7	2 055.8	1 905.1	3 964.7	165.7	832.1
ESTABS. COVERED BY ADMIN. RECORDS <sup>a</sup> . . . . .	19	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
3729-- AIRCRAFT EQUIPMENT, NEC											
ESTABLISHMENTS, TOTAL . . . . .	893	219.8	1 861.9	146.1	311.9	1 111.0	2 957.3	1 761.5	4 694.4	166.3	966.7
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>a</sup> . . . . .	176	.3	2.2	.3	.5	1.2	4.9	2.5	7.4	.4	2.5
5 TO 9 EMPLOYEES <sup>a</sup> . . . . .	76	.5	3.8	.4	.8	2.6	7.7	3.1	10.7	.5	2.0
10 TO 19 EMPLOYEES . . . . .	94	1.3	9.9	1.0	2.2	7.2	19.0	6.4	24.6	1.2	2.9
20 TO 49 EMPLOYEES . . . . .	160	4.8	36.6	3.8	7.9	25.1	67.7	37.4	102.9	3.7	13.1
50 TO 99 EMPLOYEES . . . . .	122	8.7	67.2	6.7	14.6	45.2	117.9	69.1	182.2	8.8	29.3
100 TO 249 EMPLOYEES . . . . .	137	21.7	169.1	15.9	35.2	109.9	298.6	199.4	485.0	13.7	101.3
250 TO 499 EMPLOYEES . . . . .	58	20.4	156.6	15.1	33.5	104.3	295.2	165.6	442.3	16.7	100.1
500 TO 999 EMPLOYEES . . . . .	30	21.4	164.3	15.3	31.4	103.0	313.7	200.2	510.0	20.4	105.8
1,000 TO 2,499 EMPLOYEES . . . . .	22	33.5	279.5	22.1	47.1	168.3	446.5	252.4	680.4	21.4	186.8
2,500 EMPLOYEES OR MORE . . . . .	18	107.1	972.7	65.5	138.8	544.3	1 386.2	825.3	2 248.9	79.6	422.9
ESTABS. COVERED BY ADMIN. RECORDS <sup>a</sup> . . . . .	170	.4	2.8	.4	.6	1.5	6.2	3.3	9.6	.3	3.4
3731-- SHIP BUILDING AND REPAIRING											
ESTABLISHMENTS, TOTAL . . . . .	415	138.8	1 076.0	114.2	231.0	819.4	1 430.4	1 087.8	2 518.2	70.3	800.3
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>a</sup> . . . . .	72	.1	.9	.1	.2	.7	1.7	1.1	2.8	(2)	.4
5 TO 9 EMPLOYEES <sup>a</sup> . . . . .	37	.3	1.8	.2	.6	1.5	3.1	2.0	5.1	(2)	.4
10 TO 19 EMPLOYEES . . . . .	53	.7	4.6	.6	1.2	3.6	7.5	5.0	12.4	.3	1.2
20 TO 49 EMPLOYEES . . . . .	85	2.7	17.0	2.3	4.4	13.5	26.9	16.7	43.6	1.1	4.6
50 TO 99 EMPLOYEES . . . . .	51	3.5	24.8	3.0	6.1	20.2	37.6	26.6	64.1	1.6	7.5
100 TO 249 EMPLOYEES . . . . .	42	6.2	41.1	5.4	11.2	33.8	68.7	47.4	116.1	3.3	15.4
250 TO 499 EMPLOYEES . . . . .	28	10.0	69.4	8.9	17.9	58.3	112.5	89.2	201.8	4.8	36.2
500 TO 999 EMPLOYEES . . . . .	19	13.3	100.0	11.8	23.8	84.1	158.1	92.3	250.5	5.0	37.7
1,000 TO 2,499 EMPLOYEES . . . . .	17	24.8	196.7	20.7	41.6	154.8	279.7	237.0	516.7	11.9	87.4
2,500 EMPLOYEES OR MORE . . . . .	11	77.2	619.7	61.0	124.1	449.0	734.6	570.5	1 305.1	42.2	609.6
ESTABS. COVERED BY ADMIN. RECORDS <sup>a</sup> . . . . .	78	.2	1.5	.2	.4	1.2	2.5	1.6	4.0	(2)	.6
3732-- BOAT BUILDING AND REPAIRING											
ESTABLISHMENTS, TOTAL . . . . .	1 596	30.5	163.0	26.2	51.8	128.1	274.8	298.4	571.4	15.8	115.5
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>a</sup> . . . . .	913	1.4	6.4	1.4	2.6	5.8	15.6	15.2	30.8	1.0	5.1
5 TO 9 EMPLOYEES <sup>a</sup> . . . . .	220	1.5	6.8	1.4	2.6	6.0	11.6	10.6	22.1	1.0	3.4
10 TO 19 EMPLOYEES . . . . .	176	2.4	12.6	2.2	4.1	10.6	20.8	16.5	37.1	1.5	5.2
20 TO 49 EMPLOYEES . . . . .	145	4.6	24.1	4.0	7.9	19.6	39.4	37.5	76.2	2.3	11.1
50 TO 99 EMPLOYEES . . . . .	68	4.7	27.3	4.0	8.2	20.6	49.3	49.9	99.7	2.7	14.1
100 TO 249 EMPLOYEES . . . . .	55	8.0	41.4	6.7	13.5	32.1	67.6	73.4	139.6	3.5	32.1
250 TO 499 EMPLOYEES . . . . .	12	3.9	21.6	3.3	6.5	16.5	40.5	51.2	89.5	2.5	22.8
500 TO 999 EMPLOYEES . . . . .	7	3.9	22.8	3.2	6.4	16.9	30.0	44.0	76.6	1.2	21.8
1,000 TO 2,499 EMPLOYEES . . . . .	-	-	-	-	-	-	-	-	-	-	-
2,500 EMPLOYEES OR MORE . . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN. RECORDS <sup>a</sup> . . . . .	1 018	2.5	10.9	2.5	4.6	9.8	21.3	20.9	42.2	1.6	7.6
3741-- LOCOMOTIVES AND PARTS											
ESTABLISHMENTS, TOTAL . . . . .	27	16.0	132.5	11.7	23.5	90.8	345.2	346.0	689.6	10.8	119.7
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	4	16.0	132.5	11.7	23.5	90.8	345.2	346.0	689.6	10.8	119.7
5 TO 9 EMPLOYEES . . . . .	3	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
10 TO 19 EMPLOYEES . . . . .	5	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
20 TO 49 EMPLOYEES . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
50 TO 99 EMPLOYEES . . . . .	8	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
100 TO 249 EMPLOYEES . . . . .	-	-	-	-	-	-	-	-	-	-	-
250 TO 499 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
500 TO 999 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1,000 TO 2,499 EMPLOYEES . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2,500 EMPLOYEES OR MORE . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>a</sup> . . . . .	3	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

See footnotes at end of table.



TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number	Payroll	Number	Man-hours	Wages					
		(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					
3742-- RAILROAD AND STREET CARS											
ESTABLISHMENTS, TOTAL . . . . .	96	40.6	294.2	32.7	62.8	223.1	442.7	942.2	1 420.9	29.6	269.5
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	10	(2)	.2	(2)	(2)	.1	.3	.4	.8	(2)	.1
5 TO 9 EMPLOYEES . . . . .	7	(2)	.3	(2)	.1	.2	.6	2.0	2.6	.1	.2
10 TO 19 EMPLOYEES . . . . .	9	.1	1.1	.1	.3	.7	2.0	2.5	4.5	(0)	.6
20 TO 49 EMPLOYEES . . . . .	13	.4	2.8	.4	.7	2.1	7.7	10.1	17.8	.4	1.7
50 TO 99 EMPLOYEES . . . . .	10	.6	4.0	.5	1.0	3.0	11.4	14.0	25.5	.3	3.1
100 TO 249 EMPLOYEES . . . . .	14	2.4	15.5	2.0	3.8	12.0	18.3	75.8	95.6	1.9	19.2
250 TO 499 EMPLOYEES . . . . .	9	3.1	19.8	2.5	4.9	14.9	39.8	45.5	84.3	2.8	13.6
500 TO 999 EMPLOYEES . . . . .	9	7.3	53.8	5.6	11.2	38.5	57.7	166.5	224.8	5.6	84.5
1,000 TO 2,499 EMPLOYEES . . . . .	13	26.6	196.6	21.5	40.7	151.6	304.9	625.4	965.1	18.5	146.4
2,500 EMPLOYEES OR MORE . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> . . . . .	8	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
3751-- MOTORCYCLES, BICYCLES, AND PARTS											
ESTABLISHMENTS, TOTAL . . . . .	91	12.0	70.3	10.1	19.1	53.4	136.2	170.6	299.6	5.4	60.3
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	39	.1	.3	.1	.1	.3	.7	1.0	1.7	.2	.3
5 TO 9 EMPLOYEES . . . . .	11	.1	.4	.1	.1	.3	.5	.6	1.1	(0)	.2
10 TO 19 EMPLOYEES . . . . .	8	.7	4.4	.6	1.2	3.1	8.5	10.7	18.9	(0)	3.1
20 TO 49 EMPLOYEES . . . . .	8	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
50 TO 99 EMPLOYEES . . . . .	5	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
100 TO 249 EMPLOYEES . . . . .	7	1.1	5.5	.9	1.7	3.8	11.7	19.5	30.5	.2	4.8
250 TO 499 EMPLOYEES . . . . .	6	2.1	11.0	1.8	3.6	8.6	18.5	24.2	41.6	1.0	9.0
500 TO 999 EMPLOYEES . . . . .	4	2.3	13.6	1.9	3.7	10.2	30.5	35.1	65.6	.6	11.7
1,000 TO 2,499 EMPLOYEES . . . . .	2	5.6	35.2	4.7	8.7	27.2	65.7	79.6	140.2	3.4	31.3
2,500 EMPLOYEES OR MORE . . . . .	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> . . . . .	40	.1	.5	.1	.2	.4	.9	1.3	2.3	(2)	.4
3791-- TRAILER COACHES											
ESTABLISHMENTS, TOTAL . . . . .	856	43.6	237.9	37.4	73.1	180.3	434.6	890.4	1 324.5	14.6	112.9
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	270	.4	2.3	.4	.7	1.8	4.3	8.4	12.6	.4	1.5
5 TO 9 EMPLOYEES . . . . .	61	.4	2.1	.4	.7	1.7	3.7	6.9	10.5	.2	1.2
10 TO 19 EMPLOYEES . . . . .	83	1.1	5.8	1.0	1.9	4.8	10.3	18.4	28.2	1.1	3.4
20 TO 49 EMPLOYEES . . . . .	123	3.9	18.8	3.4	6.4	14.7	31.9	61.0	92.4	1.3	9.4
50 TO 99 EMPLOYEES . . . . .	177	12.9	71.6	11.1	21.3	54.3	128.9	268.6	398.3	5.1	30.9
100 TO 249 EMPLOYEES . . . . .	117	16.5	91.0	14.0	27.7	67.9	165.2	353.4	519.4	3.5	44.8
250 TO 499 EMPLOYEES . . . . .	23	8.3	46.3	7.2	14.5	35.1	90.4	173.8	263.1	3.0	21.6
500 TO 999 EMPLOYEES . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1,000 TO 2,499 EMPLOYEES . . . . .	-	-	-	-	-	-	-	-	-	-	-
2,500 EMPLOYEES OR MORE . . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> . . . . .	244	.6	2.8	.6	.9	2.2	5.0	10.5	15.5	.2	1.9
3799-- TRANSPORTATION EQUIPMENT, NEC											
ESTABLISHMENTS, TOTAL . . . . .	454	11.2	60.5	9.4	18.4	43.8	116.9	170.1	284.4	6.4	41.1
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	165	.3	1.4	.3	.5	1.0	2.5	3.8	6.5	.1	1.1
5 TO 9 EMPLOYEES . . . . .	83	.5	2.6	.5	.9	2.0	4.5	6.9	11.0	.3	2.2
10 TO 19 EMPLOYEES . . . . .	65	.9	4.4	.7	1.4	3.2	8.2	10.7	18.8	.4	2.5
20 TO 49 EMPLOYEES . . . . .	72	2.3	11.7	1.9	3.7	8.6	21.4	31.7	53.2	1.2	6.3
50 TO 99 EMPLOYEES . . . . .	45	2.9	16.0	2.5	4.9	11.5	33.0	54.3	85.4	1.4	12.3
100 TO 249 EMPLOYEES . . . . .	21	3.2	17.2	2.7	5.5	13.0	35.4	45.8	80.4	2.4	13.0
250 TO 499 EMPLOYEES . . . . .	3	1.0	7.2	.8	1.6	4.6	11.9	17.0	29.3	.6	3.6
500 TO 999 EMPLOYEES . . . . .	-	-	-	-	-	-	-	-	-	-	-
1,000 TO 2,499 EMPLOYEES . . . . .	-	-	-	-	-	-	-	-	-	-	-
2,500 EMPLOYEES OR MORE . . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> . . . . .	186	.6	2.7	.6	1.0	2.1	4.9	7.0	11.9	.3	2.2
3811-- ENGINEERING, SCIENTIFIC INSTRUMENTS											
ESTABLISHMENTS, TOTAL . . . . .	677	46.1	327.1	31.4	64.0	191.2	617.4	405.5	1 000.8	21.8	218.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	217	.4	2.1	.4	.5	1.5	5.6	3.2	8.8	.3	1.4
5 TO 9 EMPLOYEES . . . . .	84	.6	4.2	.5	.8	2.6	8.7	4.7	13.2	.4	2.0
10 TO 19 EMPLOYEES . . . . .	94	1.3	9.2	.9	2.0	5.6	16.6	9.4	25.8	1.0	4.0
20 TO 49 EMPLOYEES . . . . .	113	3.6	23.7	2.6	5.0	14.5	42.1	27.9	68.4	1.9	12.4
50 TO 99 EMPLOYEES . . . . .	73	5.2	35.3	3.6	7.3	20.8	65.3	49.8	112.4	2.1	21.6
100 TO 249 EMPLOYEES . . . . .	57	8.6	59.4	5.8	11.7	32.3	112.7	79.5	185.7	4.5	35.4
250 TO 499 EMPLOYEES . . . . .	23	8.1	56.5	5.5	11.2	32.9	104.9	77.6	176.4	4.6	43.2
500 TO 999 EMPLOYEES . . . . .	10	6.3	43.1	4.4	9.6	27.7	79.8	51.5	128.6	3.3	32.2
1,000 TO 2,499 EMPLOYEES . . . . .	4	12.1	93.7	7.6	15.9	53.5	181.4	101.9	278.3	3.7	66.4
2,500 EMPLOYEES OR MORE . . . . .	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> . . . . .	202	.5	2.7	.5	.7	1.9	6.1	3.3	9.4	.2	1.7

See footnotes at end of table.

TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number	Payroll	Number	Man-hours	Wages					
		(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					
3821-- MECHANICAL MEASURING DEVICES											
ESTABLISHMENTS, TOTAL . . . . .	661	72.9	520.8	45.9	89.9	268.9	972.0	497.3	1 455.1	45.1	390.0
ESTABLISHMENTS WITH AN AVERAGE DF--											
1 TO 4 EMPLOYEES . . . . .	213	.3	2.0	.3	.5	1.5	4.7	2.7	7.4	.1	1.4
5 TO 9 EMPLOYEES . . . . .	71	.5	3.3	.4	.7	2.2	6.1	3.6	9.7	.3	1.4
10 TO 19 EMPLOYEES . . . . .	92	1.3	8.7	.9	1.7	5.3	23.5	14.1	36.2	.9	6.0
20 TO 49 EMPLOYEES . . . . .	111	3.5	24.0	2.5	4.7	14.5	58.3	31.7	87.3	2.6	14.2
50 TO 99 EMPLOYEES . . . . .	49	3.3	21.0	2.2	4.4	12.2	36.9	21.0	57.9	1.2	11.5
100 TO 249 EMPLOYEES . . . . .	68	10.7	73.2	7.0	14.1	38.8	146.5	86.5	231.7	5.3	53.5
250 TO 499 EMPLOYEES . . . . .	24	8.2	59.6	5.2	10.1	28.7	112.2	67.2	181.2	6.5	44.9
500 TO 999 EMPLOYEES . . . . .	18	12.4	89.0	7.2	14.3	42.0	196.1	92.5	280.3	7.0	69.4
1,000 TO 2,499 EMPLOYEES . . . . .	11	17.3	128.7	11.4	22.3	74.1	225.8	106.2	330.1	13.1	111.8
2,500 EMPLOYEES OR MORE . . . . .	4	15.4	111.3	8.8	17.0	49.7	161.9	71.7	233.3	8.1	75.9
ESTABLS. COVERED BY ADMIN. RECORDS <sup>1</sup> . . . . .	224	.5	2.9	.5	.8	2.2	6.4	3.7	10.1	.2	1.9
3822-- AUTOMATIC TEMPERATURE CONTROLS											
ESTABLISHMENTS, TOTAL . . . . .	105	31.4	210.8	22.6	45.2	131.1	419.7	193.9	618.0	13.2	124.6
ESTABLISHMENTS WITH AN AVERAGE DF--											
1 TO 4 EMPLOYEES . . . . .	22	(Z)	.3	(Z)	(Z)	.1	.7	.3	1.0	(Z)	.2
5 TO 9 EMPLOYEES . . . . .	11	.1	.4	.1	.1	.3	.8	.5	1.2	(D)	.3
10 TO 19 EMPLOYEES . . . . .	18	.2	1.6	.2	.3	.9	2.9	2.0	4.9	.1	.7
20 TO 49 EMPLOYEES . . . . .	8	.2	1.2	.2	.3	.9	1.8	.7	2.7	(Z)	.4
50 TO 99 EMPLOYEES . . . . .	11	.8	4.5	.6	1.2	2.8	9.7	5.1	14.6	.2	2.7
100 TO 249 EMPLOYEES . . . . .	9	1.4	8.0	1.2	2.3	6.0	21.9	12.7	35.8	.4	5.9
250 TO 499 EMPLOYEES . . . . .	3	1.2	7.8	.8	1.7	5.0	27.0	6.6	32.8	1.0	5.2
500 TO 999 EMPLOYEES . . . . .	13	8.7	56.0	6.8	14.3	38.3	97.4	48.6	145.9	4.0	30.6
1,000 TO 2,499 EMPLOYEES . . . . .	8	18.8	130.9	12.8	24.9	76.8	257.4	117.3	379.2	7.5	78.8
2,500 EMPLOYEES OR MORE . . . . .	2	(D)	(O)	(D)	(O)	(O)	(O)	(O)	(O)	(O)	(D)
ESTABLS. COVERED BY ADMIN. RECORDS <sup>1</sup> . . . . .	19	(D)	(D)	(O)	(O)	(D)	(D)	(D)	(O)	(O)	(O)
3831-- OPTICAL INSTRUMENTS AND LENSES											
ESTABLISHMENTS, TOTAL . . . . .	303	20.8	163.0	13.2	27.6	86.1	283.7	130.3	406.9	15.8	91.9
ESTABLISHMENTS WITH AN AVERAGE DF--											
1 TO 4 EMPLOYEES . . . . .	104	.2	1.1	.2	.3	.8	2.8	1.3	4.1	.1	.6
5 TO 9 EMPLOYEES . . . . .	47	.3	2.0	.3	.5	1.5	4.0	1.9	5.8	.3	.7
10 TO 19 EMPLOYEES . . . . .	43	.6	4.0	.5	1.0	2.8	7.6	4.3	11.8	.5	1.3
20 TO 49 EMPLOYEES . . . . .	46	1.5	10.6	1.0	2.1	6.7	22.1	12.3	34.0	2.5	4.0
50 TO 99 EMPLOYEES . . . . .	22	1.5	11.6	1.1	2.3	7.5	17.7	10.6	28.2	1.3	4.7
100 TO 249 EMPLOYEES . . . . .	24	3.4	24.2	2.3	4.5	14.1	42.7	18.8	59.6	5.0	10.5
250 TO 499 EMPLOYEES . . . . .	10	3.9	29.3	2.4	5.1	15.0	58.7	23.7	78.5	2.8	20.6
500 TO 999 EMPLOYEES . . . . .	4	2.3	15.2	1.3	2.5	6.4	23.6	13.3	37.9	.8	9.9
1,000 TO 2,499 EMPLOYEES . . . . .	1	7.2	65.0	4.2	9.3	31.2	104.4	44.1	147.4	2.6	39.4
2,500 EMPLOYEES OR MORE . . . . .	2	(D)	(O)	(D)	(O)	(O)	(O)	(D)	(O)	(D)	(D)
ESTABLS. COVERED BY ADMIN. RECORDS <sup>1</sup> . . . . .	100	.2	1.3	.2	.3	1.0	3.3	1.5	4.9	.1	.8
3841-- SURGICAL AND MEDICAL INSTRUMENTS											
ESTABLISHMENTS, TOTAL . . . . .	321	22.0	139.6	16.4	32.8	83.5	297.4	192.1	475.4	18.5	101.6
ESTABLISHMENTS WITH AN AVERAGE DF--											
1 TO 4 EMPLOYEES . . . . .	109	.2	1.1	.2	.3	.8	3.0	1.7	4.7	(Z)	.8
5 TO 9 EMPLOYEES . . . . .	34	.2	1.4	.2	.3	.9	2.8	2.2	5.0	.1	.8
10 TO 19 EMPLOYEES . . . . .	40	.6	3.6	.4	.9	2.4	7.8	4.3	12.0	.8	1.5
20 TO 49 EMPLOYEES . . . . .	56	1.8	10.7	1.4	2.6	6.9	18.2	13.5	31.5	1.0	4.3
50 TO 99 EMPLOYEES . . . . .	24	1.6	8.3	1.3	2.6	5.6	14.3	11.3	26.3	3.6	5.4
100 TO 249 EMPLOYEES . . . . .	33	5.3	31.8	3.8	7.7	18.9	63.6	44.7	103.8	3.6	26.6
250 TO 499 EMPLOYEES . . . . .	17	5.8	35.9	4.2	8.7	22.4	88.7	48.0	131.6	4.5	27.7
500 TO 999 EMPLOYEES . . . . .	7	6.6	46.8	4.8	9.7	25.7	99.1	66.4	160.6	4.7	38.5
1,000 TO 2,499 EMPLOYEES . . . . .	1	(D)	(D)	(O)	(D)	(D)	(D)	(O)	(O)	(O)	(D)
ESTABLS. COVERED BY ADMIN. RECORDS <sup>1</sup> . . . . .	114	.3	1.4	.3	.4	1.0	3.3	2.3	5.5	(Z)	.9
3842-- SURGICAL APPLIANCES AND SUPPLIES											
ESTABLISHMENTS, TOTAL . . . . .	811	35.2	220.3	24.6	48.0	125.7	527.2	324.5	837.9	30.5	154.0
ESTABLISHMENTS WITH AN AVERAGE DF--											
1 TO 4 EMPLOYEES . . . . .	359	.6	3.5	.6	.9	2.0	8.4	4.8	13.2	.4	1.9
5 TO 9 EMPLOYEES . . . . .	136	.9	5.6	.7	1.3	3.3	10.8	6.2	17.0	.4	2.1
10 TO 19 EMPLOYEES . . . . .	105	1.4	8.9	1.0	2.0	5.4	17.6	9.8	27.3	.9	3.0
20 TO 49 EMPLOYEES . . . . .	100	3.0	16.8	2.3	4.5	10.4	34.1	23.7	57.2	1.6	7.4
50 TO 99 EMPLOYEES . . . . .	49	3.5	19.6	2.7	5.1	11.7	40.1	29.0	68.0	1.3	12.2
100 TO 249 EMPLOYEES . . . . .	30	4.8	27.2	3.6	6.9	16.2	56.8	48.5	103.2	1.9	18.7
250 TO 499 EMPLOYEES . . . . .	17	5.8	35.3	4.0	7.8	19.5	76.6	41.1	114.8	2.1	19.7
500 TO 999 EMPLOYEES . . . . .	8	5.0	30.2	3.4	6.8	17.5	69.7	54.9	121.8	9.0	27.3
1,000 TO 2,499 EMPLOYEES . . . . .	7	10.1	73.2	6.1	12.9	39.5	213.2	106.5	315.5	12.9	61.7
ESTABLS. COVERED BY ADMIN. RECORDS <sup>1</sup> . . . . .	369	.9	4.6	.9	1.3	2.5	10.4	5.9	16.3	.3	2.6

See footnotes at end of table.



TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967-Continued

(See Appendix, Explanation of Terms)

Item	Establish- ments (number)	All employees		Production workers			Value added by manufac- ture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expendi- tures, new (million dollars)	End-of- year inventories (million dollars)
		Number	Payroll	Number	Man-hours	Wages					
		(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					
3843-- DENTAL EQUIPMENT AND SUPPLIES											
ESTABLISHMENTS, TOTAL . . . . .	334	10.2	67.4	7.3	14.3	38.3	141.0	82.8	220.5	4.5	45.9
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	170	.3	1.4	.3	.4	.8	4.1	2.2	6.3	.1	.9
5 TO 9 EMPLOYEES . . . . .	50	.3	2.0	.3	.4	1.1	4.6	3.6	8.1	(D)	.9
10 TO 19 EMPLOYEES . . . . .	38	.5	3.3	.4	.7	1.9	6.6	4.4	10.9	.3	1.3
20 TO 49 EMPLOYEES . . . . .	33	1.0	6.3	.7	1.3	3.6	11.0	7.5	18.4	.3	1.9
50 TO 99 EMPLOYEES . . . . .	16	1.2	8.7	.7	1.5	4.0	19.8	17.8	37.2	.7	6.7
100 TO 249 EMPLOYEES . . . . .	17	2.5	16.3	1.7	3.4	8.7	30.3	15.7	45.6	.8	9.0
250 TO 499 EMPLOYEES . . . . .	7	2.1	14.4	1.5	3.0	8.2	32.0	16.5	47.4	.7	9.6
500 TO 999 EMPLOYEES . . . . .	3	2.3	15.1	1.8	3.7	10.1	32.6	15.1	46.5	1.6	15.6
ESTABLS. COVERED BY ADMIN. RECORDS <sup>1</sup> . . . . .	176	.4	1.9	.4	.5	1.1	5.1	2.7	7.7	(Z)	1.2
3851-- OPHTHALMIC GOODS											
ESTABLISHMENTS, TOTAL . . . . .	461	25.6	143.4	20.7	41.1	103.4	286.4	144.1	426.0	14.5	97.8
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	184	.3	1.6	.3	.5	1.2	3.6	2.1	5.8	(Z)	.8
5 TO 9 EMPLOYEES . . . . .	68	.5	2.6	.4	.7	2.0	4.6	2.7	7.2	.1	.9
10 TO 19 EMPLOYEES . . . . .	67	.9	5.5	.7	1.5	3.9	9.2	6.3	15.5	.3	1.5
20 TO 49 EMPLOYEES . . . . .	62	1.9	10.4	1.5	3.1	7.8	17.0	13.3	29.9	.7	2.9
50 TO 99 EMPLOYEES . . . . .	36	2.6	12.7	2.1	4.3	9.1	22.2	16.0	37.9	.7	5.2
100 TO 249 EMPLOYEES . . . . .	25	3.7	17.8	3.1	6.2	13.2	39.7	25.1	64.5	1.0	10.7
250 TO 499 EMPLOYEES . . . . .	16	15.6	92.6	12.5	24.8	66.3	190.1	78.7	265.3	11.7	75.7
500 TO 999 EMPLOYEES . . . . .	1	(D)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
2,500 EMPLOYEES OR MORE . . . . .	2	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
ESTABLS. COVERED BY ADMIN. RECORDS <sup>1</sup> . . . . .	201	.6	2.9	.6	.9	2.3	5.7	3.7	9.4	.1	1.5
3861-- PHOTOGRAPHIC EQUIPMENT & SUPPLIES											
ESTABLISHMENTS, TOTAL . . . . .	557	94.9	820.2	56.2	112.1	401.3	2 480.7	1 203.3	3 664.6	217.8	568.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	193	.3	2.0	.3	.5	1.3	4.7	3.5	8.2	.1	1.4
5 TO 9 EMPLOYEES . . . . .	71	.5	3.5	.4	.6	1.9	6.5	4.8	11.2	.2	1.6
10 TO 19 EMPLOYEES . . . . .	79	1.1	7.0	.8	1.5	4.5	14.9	11.5	26.4	.6	3.0
20 TO 49 EMPLOYEES . . . . .	81	2.6	17.6	1.9	3.8	10.4	35.2	28.5	64.8	2.9	9.8
50 TO 99 EMPLOYEES . . . . .	52	3.7	25.9	2.6	5.3	14.5	61.1	52.6	111.6	2.0	17.5
100 TO 249 EMPLOYEES . . . . .	35	5.5	38.1	3.6	7.6	21.0	79.7	81.8	160.5	4.7	33.7
250 TO 499 EMPLOYEES . . . . .	20	7.3	45.5	4.8	9.4	25.3	100.4	84.2	183.8	7.4	39.1
500 TO 999 EMPLOYEES . . . . .	10	6.5	48.8	3.6	7.3	22.4	197.3	137.6	325.8	23.8	58.0
1,000 TO 2,499 EMPLOYEES . . . . .	9	13.4	106.9	7.8	15.5	56.8	172.4	145.1	320.3	15.1	88.4
2,500 EMPLOYEES OR MORE . . . . .	7	54.0	525.0	30.4	60.7	243.2	1 808.5	653.7	2 452.0	161.0	316.0
ESTABLS. COVERED BY ADMIN. RECORDS <sup>1</sup> . . . . .	194	.4	2.4	.4	.6	1.6	5.4	3.8	9.2	.1	1.7
3871-- WATCHES AND CLOCKS											
ESTABLISHMENTS, TOTAL . . . . .	176	31.5	187.9	24.5	49.6	122.9	361.6	393.7	746.5	9.5	176.8
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	62	.1	.6	.1	.2	.4	1.7	1.1	2.8	.1	.5
5 TO 9 EMPLOYEES . . . . .	17	.1	.9	.1	.2	.4	3.4	6.6	9.7	.7	2.1
10 TO 19 EMPLOYEES . . . . .	13	.2	1.1	.1	.3	.8	2.7	4.8	7.3	(O)	1.6
20 TO 49 EMPLOYEES . . . . .	25	.8	5.0	.6	1.1	2.9	9.2	19.1	28.8	(O)	6.2
50 TO 99 EMPLOYEES . . . . .	13	1.0	4.9	.8	1.5	3.2	12.8	12.0	24.7	1.1	4.1
100 TO 249 EMPLOYEES . . . . .	16	2.9	15.8	2.1	4.1	8.8	31.3	33.2	64.1	(O)	16.7
250 TO 499 EMPLOYEES . . . . .	16	6.0	37.4	4.3	9.4	21.3	69.3	82.4	151.5	2.4	42.2
500 TO 999 EMPLOYEES . . . . .	8	6.0	30.0	4.8	10.2	22.4	104.2	60.3	161.0	2.0	22.6
1,000 TO 2,499 EMPLOYEES . . . . .	3	5.4	33.6	4.4	8.7	24.6	40.7	40.9	86.2	1.4	24.8
2,500 EMPLOYEES OR MORE . . . . .	3	9.0	58.6	7.2	13.9	38.1	86.3	133.5	210.5	1.8	55.9
ESTABLS. COVERED BY ADMIN. RECORDS <sup>1</sup> . . . . .	61	.1	.6	.1	.2	.4	1.6	1.2	2.7	.1	.6
3872-- WATCHCASES											
ESTABLISHMENTS, TOTAL . . . . .	47	3.7	21.1	3.1	5.6	16.6	31.3	23.8	55.6	.9	8.3
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	16	(Z)	.1	(Z)	(Z)	.1	.2	.2	.4	-	.1
5 TO 9 EMPLOYEES . . . . .	6	(Z)	.3	(Z)	(Z)	.2	.5	.8	1.4	(Z)	.1
10 TO 19 EMPLOYEES . . . . .	6	.1	.4	.1	.1	.3	.7	.6	1.3	(O)	.1
20 TO 49 EMPLOYEES . . . . .	4	.1	.9	.1	.3	.7	1.5	1.1	2.6	(O)	.3
50 TO 99 EMPLOYEES . . . . .	8	.6	4.2	.5	.9	3.0	6.4	4.8	11.1	.3	1.3
100 TO 249 EMPLOYEES . . . . .	3	.5	2.4	.4	.8	2.1	3.8	1.8	5.6	(O)	.9
250 TO 499 EMPLOYEES . . . . .	3	2.3	12.9	2.0	3.5	10.2	18.2	14.5	33.2	.7	5.4
1,000 TO 2,499 EMPLOYEES . . . . .	1	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
ESTABLS. COVERED BY ADMIN. RECORDS <sup>1</sup> . . . . .	16	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)

See footnotes at end of table.

TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)											
Item	Establish- ments	All employees		Production workers			Value added by manufac- ture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expendi- tures, new (million dollars)	End-of- year invent- ories (million dollars)
		Number	Payroll	Number	Man-hours	Wages					
		(number)	(1,000)	(million dollars)	(1,000)	(millions)					
3911-- JEWELRY, PRECIOUS METAL											
ESTABLISHMENTS, TOTAL . . . . .	1 489	29.9	182.6	22.8	44.1	113.6	352.7	397.7	741.8	5.9	148.1
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	692	1.2	6.5	1.2	1.8	4.9	18.4	20.3	38.7	.1	7.7
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	255	1.7	11.0	1.4	2.5	7.6	23.2	24.6	47.4	.2	8.2
10 TO 19 EMPLOYEES . . . . .	236	3.2	20.0	2.4	4.6	13.2	35.4	45.8	80.4	.4	12.5
20 TO 49 EMPLOYEES . . . . .	190	5.9	36.4	4.6	9.0	23.9	66.2	85.8	150.7	1.0	24.4
50 TO 99 EMPLOYEES . . . . .	71	4.8	28.3	3.8	7.3	17.7	52.2	58.9	110.0	.7	15.7
100 TO 249 EMPLOYEES . . . . .	27	3.9	24.1	3.1	6.0	14.8	53.8	102.1	150.7	.4	43.9
250 TO 499 EMPLOYEES . . . . .	12	3.6	20.6	2.7	5.7	12.9	37.3	29.1	65.9	2.2	15.5
500 TO 999 EMPLOYEES . . . . .	5	5.5	35.7	3.7	7.2	18.7	66.1	31.0	98.1	.9	20.1
1,000 TO 2,499 EMPLOYEES . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2,500 EMPLOYEES OR MORE . . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABLS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	707	1.6	7.8	1.5	2.3	6.0	21.3	21.5	42.8	.1	9.0
3912-- JEWELERS' FINDINGS AND MATERIALS <sup>e</sup>											
ESTABLISHMENTS, TOTAL . . . . .	232	5.5	29.7	4.6	8.6	18.9	57.8	72.0	128.6	1.9	19.9
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	100	.2	.8	.2	.3	.5	2.4	1.5	3.9	(Z)	.4
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	30	.2	.9	.2	.3	.6	2.2	2.3	4.6	.1	.4
10 TO 19 EMPLOYEES . . . . .	40	.6	2.9	.5	.9	1.9	4.7	5.8	10.4	.2	.7
20 TO 49 EMPLOYEES . . . . .	34	1.1	6.3	.9	1.8	4.1	11.5	14.3	25.7	.3	2.3
50 TO 99 EMPLOYEES . . . . .	18	1.2	6.2	1.0	2.0	3.9	12.7	12.6	25.2	.5	2.2
100 TO 249 EMPLOYEES . . . . .	7	1.0	6.3	.8	1.4	3.6	11.9	23.7	35.3	.1	6.8
250 TO 499 EMPLOYEES . . . . .	2	1.2	6.3	1.0	1.9	4.2	12.4	11.7	23.4	.6	7.1
500 TO 999 EMPLOYEES . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1,000 TO 2,499 EMPLOYEES . . . . .	-	-	-	-	-	-	-	-	-	-	-
2,500 EMPLOYEES OR MORE . . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABLS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	110	.3	1.2	.3	.5	.8	3.3	2.2	5.5	.1	.6
3913-- LAPIOARY WORK											
ESTABLISHMENTS, TOTAL . . . . .	296	1.9	11.8	1.7	3.0	7.9	32.4	59.8	89.5	.6	19.4
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	221	.3	2.1	.3	.6	1.6	6.9	12.1	19.1	.1	4.2
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	45	.3	1.8	.3	.4	1.3	6.8	13.0	19.6	(D)	3.3
10 TO 19 EMPLOYEES . . . . .	8	.1	.7	.1	.2	.5	1.9	5.9	7.6	(D)	1.2
20 TO 49 EMPLOYEES . . . . .	13	.4	2.4	.3	.5	1.4	6.6	12.8	17.4	.1	5.2
50 TO 99 EMPLOYEES . . . . .	5	.3	1.9	.3	.5	1.2	3.7	10.0	13.7	.5	2.6
100 TO 249 EMPLOYEES . . . . .	4	.5	2.9	.4	.8	1.9	6.5	5.9	12.2	(D)	2.8
250 TO 499 EMPLOYEES . . . . .	-	-	-	-	-	-	-	-	-	-	-
500 TO 999 EMPLOYEES . . . . .	-	-	-	-	-	-	-	-	-	-	-
1,000 TO 2,499 EMPLOYEES . . . . .	-	-	-	-	-	-	-	-	-	-	-
2,500 EMPLOYEES OR MORE . . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABLS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	218	.4	1.9	.4	.7	1.4	6.4	4.0	10.4	-	3.9
3914-- SILVERWARE AND PLATEO WARE											
ESTABLISHMENTS, TOTAL . . . . .	195	14.9	95.8	12.6	26.4	76.5	198.0	148.2	339.1	5.7	83.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	61	.1	.5	.1	.2	.4	1.3	1.0	2.2	(Z)	.4
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	29	.2	1.1	.2	.3	.9	2.1	2.0	4.1	(D)	.8
10 TO 19 EMPLOYEES . . . . .	23	.3	2.0	.3	.5	1.5	3.7	2.8	6.4	.1	.8
20 TO 49 EMPLOYEES . . . . .	39	1.2	6.4	1.0	1.9	4.5	11.6	11.8	23.8	.2	4.1
50 TO 99 EMPLOYEES . . . . .	12	.9	4.9	.7	1.5	3.5	9.8	7.4	17.1	.2	3.2
100 TO 249 EMPLOYEES . . . . .	18	3.0	16.8	2.4	4.9	12.2	36.8	22.1	59.1	.8	13.6
250 TO 499 EMPLOYEES . . . . .	6	1.8	11.3	1.6	3.3	8.9	26.6	18.7	45.7	.8	10.5
500 TO 999 EMPLOYEES . . . . .	5	7.4	52.7	6.4	13.7	44.6	106.2	82.5	180.7	3.6	49.5
1,000 TO 2,499 EMPLOYEES . . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2,500 EMPLOYEES OR MORE . . . . .	-	-	-	-	-	-	-	-	-	-	-
ESTABLS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	68	.1	.7	.1	.2	.6	1.8	1.3	3.1	(Z)	.6
3931-- MUSICAL INSTRUMENTS ANO PARTS											
ESTABLISHMENTS, TOTAL . . . . .	343	24.9	143.7	20.8	39.9	106.0	237.8	202.4	434.3	10.6	123.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	130	.2	.9	.2	.3	.8	2.0	1.5	3.5	<sup>2</sup> 2.9	.7
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	51	.4	1.9	.3	.6	1.5	3.6	2.5	6.1	.1	.8
10 TO 19 EMPLOYEES . . . . .	41	.5	2.9	.4	.8	2.1	4.4	4.1	8.2	.2	1.5
20 TO 49 EMPLOYEES . . . . .	31	1.0	5.9	.9	1.8	4.4	10.0	6.9	17.0	.3	3.0
50 TO 99 EMPLOYEES . . . . .	32	2.3	13.3	2.0	3.9	10.0	24.1	16.8	40.7	.8	7.2
100 TO 249 EMPLOYEES . . . . .	29	4.4	23.4	3.7	7.2	17.4	38.7	34.5	72.9	1.9	19.1
250 TO 499 EMPLOYEES . . . . .	18	6.5	40.8	5.4	10.4	30.7	60.6	50.6	109.4	1.7	32.9
500 TO 999 EMPLOYEES . . . . .	9	9.5	54.6	7.9	14.9	39.1	94.4	85.5	176.6	2.5	58.4
1,000 TO 2,499 EMPLOYEES . . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABLS. COVERED BY ADMIN. RECORO <sup>1 e</sup>	129	.3	1.2	.3	.4	1.0	2.4	1.8	4.2	.1	.9

See footnotes at end of table.



TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establish- ments	All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new	End-of- year inventories
		Number	Payroll	Number	Man-hours	Wages					
		(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
3941-- GAMES AND TOYS											
ESTABLISHMENTS, TOTAL. . . . .	68.4	55.1	264.9	46.1	86.6	178.1	614.3	490.6	1 113.5	33.7	159.4
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	221	.4	1.5	.4	.6	1.2	5.1	6.7	11.7	.3	1.4
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	66	.4	1.9	.4	.7	1.4	4.9	5.1	9.9	.3	1.3
10 TO 19 EMPLOYEES. . . . .	67	.9	4.2	.7	1.4	3.0	8.5	6.3	14.8	.4	1.6
20 TO 49 EMPLOYEES. . . . .	127	4.2	18.4	3.6	6.8	13.0	37.7	34.2	71.7	1.6	8.2
50 TO 99 EMPLOYEES. . . . .	94	6.6	28.8	5.7	10.5	20.0	63.6	52.7	116.2	4.4	15.6
100 TO 249 EMPLOYEES. . . . .	62	9.6	40.9	8.1	15.6	29.3	93.0	75.6	166.3	3.7	28.0
250 TO 499 EMPLOYEES. . . . .	27	9.5	45.8	8.1	15.4	32.8	98.9	76.3	176.1	6.0	32.4
500 TO 999 EMPLOYEES. . . . .	10	6.1	31.0	5.2	10.2	22.1	63.6	59.2	125.4	4.0	25.0
1,000 TO 2,499 EMPLOYEES. . . . .	9	17.4	92.5	14.0	25.3	55.2	239.0	174.6	421.5	13.0	45.8
2,500 EMPLOYEES OR MORE. . . . .	1	(D)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
ESTABS. COVERED BY ADMIN. RECORD <sup>1 e</sup>	223	.6	2.3	.6	.9	1.8	5.1	3.9	9.0	.3	1.5
3942-- DOLLS											
ESTABLISHMENTS, TOTAL. . . . .	340	11.9	46.4	10.7	18.4	34.3	82.8	80.0	162.8	2.4	16.4
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	102	.2	.7	.2	.3	.5	1.5	1.3	2.7	.1	.4
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	45	.3	1.0	.3	.4	.7	2.1	1.6	3.7	.2	.4
10 TO 19 EMPLOYEES. . . . .	55	.8	2.9	.7	1.2	2.1	5.0	5.1	10.2	.3	1.1
20 TO 49 EMPLOYEES. . . . .	75	2.4	8.8	2.2	3.8	6.7	14.6	11.9	26.3	.5	2.4
50 TO 99 EMPLOYEES. . . . .	37	2.7	11.1	2.4	4.5	8.1	18.2	19.3	37.5	.6	3.5
100 TO 249 EMPLOYEES. . . . .	19	2.9	12.5	2.6	4.5	9.2	21.0	23.4	44.4	.5	6.1
250 TO 499 EMPLOYEES. . . . .	6	2.5	9.5	2.3	3.7	7.1	20.5	17.5	38.0	.2	2.7
500 TO 999 EMPLOYEES. . . . .	1	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
ESTABS. COVERED BY ADMIN. RECORD <sup>1 e</sup>	131	.4	1.5	.4	.7	1.1	3.1	2.2	5.3	.3	.6
3943-- CHILDREN'S VEHICLES, EXC. BICYCLES											
ESTABLISHMENTS, TOTAL. . . . .	45	3.7	19.4	3.1	6.4	13.9	38.7	40.9	78.7	3.5	13.9
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	15	.6	3.2	.5	1.2	2.4	5.9	6.4	12.2	.2	1.9
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	5	(D)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
10 TO 19 EMPLOYEES. . . . .	2	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
20 TO 49 EMPLOYEES. . . . .	4	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
50 TO 99 EMPLOYEES. . . . .	7	(D)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
100 TO 249 EMPLOYEES. . . . .	7	1.2	5.8	1.0	2.1	4.2	12.7	11.8	23.5	.2	5.3
250 TO 499 EMPLOYEES. . . . .	4	1.8	10.5	1.4	3.0	7.2	20.1	22.9	43.1	3.1	6.7
500 TO 999 EMPLOYEES. . . . .	1	(D)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
ESTABS. COVERED BY ADMIN. RECORD <sup>1 e</sup>	19	(D)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
3949-- SPORTING AND ATHLETIC GOODS, NEC											
ESTABLISHMENTS, TOTAL. . . . .	1 366	45.2	228.3	37.2	72.0	160.0	469.5	406.5	853.3	22.5	218.1
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	656	1.1	4.2	1.1	1.7	3.0	10.5	10.0	20.5	.1	4.4
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	152	1.1	4.7	1.0	1.8	3.4	9.6	9.2	18.6	.4	3.0
10 TO 19 EMPLOYEES. . . . .	175	2.5	11.5	2.1	3.9	8.0	25.0	21.2	45.9	.8	7.9
20 TO 49 EMPLOYEES. . . . .	192	5.9	27.6	5.0	9.3	19.4	52.1	53.8	105.2	2.2	18.7
50 TO 99 EMPLOYEES. . . . .	92	6.4	28.8	5.4	10.2	20.7	60.8	52.0	110.3	4.4	23.5
100 TO 249 EMPLOYEES. . . . .	62	10.1	48.9	8.3	16.0	34.8	95.1	93.9	183.6	4.2	48.7
250 TO 499 EMPLOYEES. . . . .	27	9.3	46.4	7.9	16.1	35.7	97.2	82.2	174.2	6.3	50.0
500 TO 999 EMPLOYEES. . . . .	6	4.3	24.6	3.1	6.0	15.1	48.6	32.1	79.1	1.9	25.3
1,000 TO 2,499 EMPLOYEES. . . . .	4	4.7	31.6	3.3	7.0	19.9	70.5	52.2	116.0	2.2	36.7
ESTABS. COVERED BY ADMIN. RECORD <sup>1 e</sup>	689	1.6	6.0	1.6	2.6	4.2	13.6	13.2	26.8	.2	5.8
3951-- PENS AND MECHANICAL PENCILS											
ESTABLISHMENTS, TOTAL. . . . .	119	11.8	62.8	9.2	18.1	38.6	140.5	74.2	211.8	6.8	37.7
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES. . . . .	36	.1	.3	.1	.1	.2	.7	.7	1.4	(Z)	.2
5 TO 9 EMPLOYEES. . . . .	12	.1	.6	.1	.1	.5	1.2	1.4	2.7	(O)	.1
10 TO 19 EMPLOYEES. . . . .	10	.1	.6	.1	.2	.4	5.5	2.2	7.6	.1	.3
20 TO 49 EMPLOYEES. . . . .	20	.7	3.1	.6	1.1	2.2	5.4	5.1	10.5	.4	1.3
50 TO 99 EMPLOYEES. . . . .	16	1.1	5.7	1.0	1.8	3.8	13.4	11.1	24.5	.5	3.3
100 TO 249 EMPLOYEES. . . . .	14	2.2	11.0	1.8	3.8	7.9	18.1	18.3	37.0	1.0	5.0
250 TO 499 EMPLOYEES. . . . .	5	1.8	7.5	1.6	2.9	5.5	15.6	10.8	26.0	.6	4.6
500 TO 999 EMPLOYEES. . . . .	3	1.7	8.4	1.4	2.8	5.3	30.3	9.3	38.1	2.5	7.8
1,000 TO 2,499 EMPLOYEES. . . . .	3	4.0	25.5	2.7	5.3	12.9	50.1	15.3	63.9	1.7	15.2
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	38	.1	.3	.1	.1	.3	.8	.9	1.7	(Z)	.2

See footnotes at end of table.

TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					
39S2-- LEAO PENCILS AND ART GOODS											
ESTABLISHMENTS, TOTAL . . . . .	131	7.9	42.2	6.0	12.0	24.7	79.8	80.5	158.9	4.6	36.4
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	38	.1	.3	.1	.1	.2	.8	.7	1.4	(Z)	.2
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	15	.1	.7	.1	.1	.4	1.3	1.3	2.6	(Z)	.2
10 TO 19 EMPLOYEES . . . . .	19	.3	1.5	.2	.4	.9	2.9	3.2	6.1	(O)	.7
20 TO 49 EMPLOYEES . . . . .	21	.7	3.5	.5	1.0	2.0	7.5	6.3	13.7	.1	2.1
50 TO 99 EMPLOYEES . . . . .	19	1.3	6.2	1.1	2.2	4.2	12.1	14.7	26.7	2.7	6.1
100 TO 249 EMPLOYEES . . . . .	9	1.3	5.5	1.1	2.2	3.9	10.7	11.3	21.9	.3	4.6
250 TO 499 EMPLOYEES . . . . .	6	2.0	11.9	1.3	2.6	5.7	19.9	25.0	44.5	.6	9.5
500 TO 999 EMPLOYEES . . . . .	4	2.2	12.7	1.7	3.4	7.5	24.6	17.9	42.0	.8	13.0
ESTABS. COVERED BY ADMIN.RECORDS <sup>1 e</sup>	41	.1	.4	.1	.1	.3	1.1	.9	2.0	(Z)	.4
3953-- MARKING DEVICES											
ESTABLISHMENTS, TOTAL . . . . .	602	8.5	53.3	5.8	11.1	29.2	98.1	50.4	146.3	6.4	17.8
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	299	.5	2.5	.5	.7	1.5	7.0	3.2	10.2	(Z)	.8
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	97	.6	3.7	.5	.8	2.3	7.1	3.0	10.0	.2	.6
10 TO 19 EMPLOYEES . . . . .	97	1.3	8.2	.9	1.7	4.8	13.8	6.2	19.8	.6	1.5
20 TO 49 EMPLOYEES . . . . .	73	2.1	13.4	1.4	2.8	7.6	23.4	9.9	33.1	.6	2.7
50 TO 99 EMPLOYEES . . . . .	22	1.5	8.7	1.0	1.9	5.2	15.2	8.4	23.4	.4	2.7
100 TO 249 EMPLOYEES . . . . .	12	2.5	16.8	1.7	3.2	7.8	31.7	19.8	49.9	4.6	9.6
250 TO 499 EMPLOYEES . . . . .	2	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
ESTABS. COVERED BY ADMIN.RECORDS <sup>1 e</sup>	315	.7	3.3	.7	.9	2.0	8.4	3.9	12.3	(Z)	1.0
39S5-- CARBON PAPER AND INKED RIBBONS											
ESTABLISHMENTS, TOTAL . . . . .	107	6.5	41.8	4.4	9.0	23.8	93.8	113.2	206.8	5.3	30.9
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	26	.1	.4	.1	.1	.2	.6	.9	1.6	(Z)	.2
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	7	(Z)	.3	(Z)	.1	.2	.6	.9	1.5	(O)	.2
10 TO 19 EMPLOYEES . . . . .	11	.1	.8	.1	.2	.6	2.0	2.6	4.6	.4	.5
20 TO 49 EMPLOYEES . . . . .	25	.9	5.8	.7	1.3	3.4	12.0	17.7	29.4	2.1	3.4
50 TO 99 EMPLOYEES . . . . .	19	1.3	8.8	.9	2.0	5.0	20.3	27.0	46.5	1.1	3.8
100 TO 249 EMPLOYEES . . . . .	12	1.7	10.5	1.2	2.3	6.0	28.2	27.7	55.8	.6	9.5
250 TO 499 EMPLOYEES . . . . .	6	2.3	15.3	1.4	3.1	8.4	30.1	36.5	67.5	1.0	11.3
500 TO 999 EMPLOYEES . . . . .	1	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
ESTABS. COVERED BY ADMIN.RECORDS <sup>1 e</sup>	18	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
3961-- COSTUME JEWELRY											
ESTABLISHMENTS, TOTAL . . . . .	764	22.4	106.9	19.4	36.7	73.8	220.5	160.5	376.5	4.4	48.5
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	318	.6	2.3	.6	.9	1.8	8.1	6.5	14.5	.2	1.3
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	115	.8	3.1	.7	1.2	2.4	6.8	6.2	13.0	.2	1.0
10 TO 19 EMPLOYEES . . . . .	125	1.7	7.6	1.4	2.7	5.5	14.3	13.9	28.0	.4	2.3
20 TO 49 EMPLOYEES . . . . .	106	3.2	13.3	2.7	5.0	10.0	29.4	31.4	60.2	.7	5.4
50 TO 99 EMPLOYEES . . . . .	55	4.0	16.5	3.4	6.7	11.8	30.4	24.5	54.0	.7	5.6
100 TO 249 EMPLOYEES . . . . .	30	4.5	19.1	3.9	7.5	13.7	37.4	26.7	63.6	1.2	7.0
250 TO 499 EMPLOYEES . . . . .	9	3.0	16.1	2.4	4.6	10.7	26.2	17.2	43.7	.3	6.2
500 TO 999 EMPLOYEES . . . . .	4	4.8	28.9	4.2	8.0	18.0	67.8	34.2	99.5	.7	19.6
1,000 TO 2,499 EMPLOYEES . . . . .	2	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
ESTABS. COVERED BY ADMIN.RECORDS <sup>1 e</sup>	377	1.1	4.2	1.1	1.8	3.3	11.8	9.5	21.3	.4	1.9
3962-- ARTIFICIAL FLOWERS											
ESTABLISHMENTS, TOTAL . . . . .	321	5.2	20.2	4.6	7.9	14.8	43.3	41.4	84.7	.7	11.2
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	152	.2	.9	.2	.4	.7	2.3	2.3	4.6	(Z)	.6
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	51	.4	1.5	.3	.5	1.1	2.8	2.4	5.2	(O)	.6
10 TO 19 EMPLOYEES . . . . .	39	.5	2.1	.4	.8	1.4	5.4	4.0	9.3	(Z)	.8
20 TO 49 EMPLOYEES . . . . .	55	1.7	6.8	1.5	2.6	5.0	14.0	14.1	28.3	.4	3.6
50 TO 99 EMPLOYEES . . . . .	19	1.4	5.7	1.2	2.2	4.2	10.5	11.2	21.6	.1	3.1
100 TO 249 EMPLOYEES . . . . .	3	1.0	3.2	.9	1.4	2.4	8.4	7.5	15.8	.1	2.4
250 TO 499 EMPLOYEES . . . . .	2	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
ESTABS. COVERED BY ADMIN.RECORDS <sup>1 e</sup>	171	.4	1.4	.4	.6	1.0	3.3	2.8	6.1	(Z)	.8

See footnotes at end of table.



TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number	Payroll	Number	Man-hours	Wages					
		(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					
3963-- BUTTONS											
ESTABLISHMENTS, TOTAL. . . . .	234	4.8	23.7	4.1	8.0	16.8	46.1	35.5	80.8	1.2	12.2
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	80	.1	.6	.1	.2	.4	1.6	1.1	2.7	(Z)	.3
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	52	.3	1.7	.3	.6	1.2	3.7	2.8	6.5	(D)	.6
10 TO 19 EMPLOYEES . . . . .	40	.6	2.6	.5	.9	1.9	4.9	3.1	8.0	.1	1.1
20 TO 49 EMPLOYEES . . . . .	34	1.1	4.8	.9	1.7	3.4	8.3	7.0	15.9	.2	1.8
50 TO 99 EMPLOYEES . . . . .	19	1.3	6.1	1.1	2.2	4.6	11.9	9.3	20.4	.4	3.5
100 TO 249 EMPLOYEES . . . . .	9	1.5	8.0	1.2	2.4	5.3	15.7	12.2	27.4	.6	4.9
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	102	.3	1.3	.3	.5	.9	2.9	1.8	4.7	(Z)	.6
3964-- NEEDLES, PINS, AND FASTENERS											
ESTABLISHMENTS, TOTAL. . . . .	289	19.2	101.1	15.9	31.8	70.5	218.1	168.5	385.3	15.3	61.4
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	75	.1	.6	.1	.2	.5	1.2	1.9	3.1	(Z)	.4
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	34	.2	1.1	.2	.4	.8	2.4	2.5	4.9	.1	.5
10 TO 19 EMPLOYEES . . . . .	42	.6	2.5	.5	1.0	1.8	4.7	5.7	10.3	.9	.8
20 TO 49 EMPLOYEES . . . . .	61	1.9	9.6	1.7	3.4	7.0	18.0	21.8	39.9	1.0	3.9
50 TO 99 EMPLOYEES . . . . .	30	2.1	11.1	1.8	3.7	8.0	22.3	18.6	40.4	1.1	5.9
100 TO 249 EMPLOYEES . . . . .	27	4.5	24.3	3.7	7.6	17.1	49.6	42.1	90.2	5.8	16.7
250 TO 499 EMPLOYEES . . . . .	13	4.4	20.5	3.7	7.4	14.8	71.1	49.6	120.8	2.7	13.4
500 TO 999 EMPLOYEES . . . . .	6	5.3	31.3	4.0	8.1	20.5	48.8	26.2	75.7	3.7	19.7
1,000 TO 2,499 EMPLOYEES . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	88	.3	1.1	.3	.4	.8	2.8	2.5	5.2	(Z)	.6
3991-- BROOMS AND BRUSHES											
ESTABLISHMENTS, TOTAL. . . . .	533	17.3	88.3	14.1	26.8	61.3	192.9	177.0	371.8	10.7	69.5
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	260	.4	2.1	.4	.7	1.6	5.2	5.9	11.1	(Z)	2.1
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	45	.3	1.7	.3	.5	1.2	3.7	5.7	9.4	(Z)	1.5
10 TO 19 EMPLOYEES . . . . .	59	.8	3.7	.7	1.2	2.8	7.2	7.1	14.3	.2	2.2
20 TO 49 EMPLOYEES . . . . .	80	2.5	11.1	2.0	3.8	7.7	21.4	22.3	43.6	1.0	7.7
50 TO 99 EMPLOYEES . . . . .	50	3.5	16.7	2.9	5.6	11.6	30.0	29.4	60.2	1.8	11.9
100 TO 249 EMPLOYEES . . . . .	27	4.0	19.2	3.2	6.2	12.7	37.6	34.8	72.3	2.0	14.3
250 TO 499 EMPLOYEES . . . . .	11	5.8	33.9	4.6	8.8	23.7	87.7	71.8	160.9	5.7	29.9
1,000 TO 2,499 EMPLOYEES . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	252	.5	2.3	.5	.7	1.7	5.4	6.2	11.6	(Z)	2.3
3993-- SIGNS AND ADVERTISING DISPLAYS <sup>9</sup>											
ESTABLISHMENTS, TOTAL. . . . .	3 188	47.8	309.3	36.8	70.6	198.8	546.6	330.8	875.1	23.0	87.3
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	1 634	2.6	14.9	2.6	4.2	10.1	38.4	21.9	60.3	.6	5.1
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	468	3.2	20.3	2.7	4.9	13.9	37.8	20.6	58.3	1.4	3.8
10 TO 19 EMPLOYEES . . . . .	463	6.4	41.8	4.8	9.3	28.1	72.9	38.8	111.4	2.3	7.5
20 TO 49 EMPLOYEES . . . . .	397	12.1	79.2	9.2	18.0	51.5	132.7	74.7	206.8	5.2	15.9
50 TO 99 EMPLOYEES . . . . .	152	10.2	63.2	7.8	15.1	40.3	105.1	69.6	174.1	3.5	16.0
100 TO 249 EMPLOYEES . . . . .	60	8.9	60.9	6.5	12.9	37.3	106.1	62.1	167.8	8.3	21.8
250 TO 499 EMPLOYEES . . . . .	13	4.5	29.1	3.2	6.1	17.5	53.6	43.1	96.5	1.7	17.3
500 TO 999 EMPLOYEES . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	1 636	3.2	17.3	3.2	5.2	11.8	41.4	24.2	65.6	.9	5.8
3994-- MORTICIANS' GOODS											
ESTABLISHMENTS, TOTAL. . . . .	563	16.1	90.9	13.0	26.4	60.6	161.7	144.2	306.1	4.2	51.4
ESTABLISHMENTS WITH AN AVERAGE OF--											
1 TO 4 EMPLOYEES <sup>e</sup> . . . . .	180	.3	1.7	.3	.5	1.1	3.8	4.0	8.0	.1	1.3
5 TO 9 EMPLOYEES <sup>e</sup> . . . . .	73	.5	2.8	.4	.8	1.9	5.5	5.7	11.2	.1	1.5
10 TO 19 EMPLOYEES . . . . .	99	1.4	7.4	1.1	2.2	4.9	15.2	17.8	32.9	.4	4.6
20 TO 49 EMPLOYEES . . . . .	133	4.1	21.7	3.3	6.6	14.4	38.5	41.5	79.9	1.1	12.6
50 TO 99 EMPLOYEES . . . . .	50	3.2	16.1	2.7	5.4	11.1	26.8	28.8	55.4	.7	8.5
100 TO 249 EMPLOYEES . . . . .	24	4.0	24.1	3.4	6.9	17.0	38.6	28.1	66.6	1.8	12.7
250 TO 499 EMPLOYEES . . . . .	3	2.5	17.1	1.9	4.1	10.3	33.4	18.3	52.0	.1	10.2
1,000 TO 2,499 EMPLOYEES . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1 e</sup>	197	.5	2.4	.5	.7	1.6	5.5	5.7	11.1	.1	1.8

See footnotes at end of table.

TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments  (number)	All employees		Production workers			Value added by manufacture  (million dollars)	Cost of materials  (million dollars)	Value of shipments  (million dollars)	Capital expenditures, new  (million dollars)	End-of-year inventories  (million dollars)
		Number  (1,000)	Payroll  (million dollars)	Number  (1,000)	Man-hours  (millions)	Wages  (million dollars)					
3996-- HARD-SURFACE FLOOR COVERINGS											
ESTABLISHMENTS, TOTAL. . . . .	20	6.0	43.5	4.9	10.1	33.2	133.4	90.4	221.7	20.6	41.8
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	6	(Z)	.1	(Z)	(Z)	.1	.3	.3	.6	<sup>3</sup> 20.6	.1
5 TO 9 EMPLOYEES . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
10 TO 19 EMPLOYEES . . . . .	1	.1	.5	.1	.1	.5	2.2	.8	2.9	(D)	.4
20 TO 49 EMPLOYEES . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
50 TO 99 EMPLOYEES . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
100 TO 249 EMPLOYEES . . . . .	4	.6	4.1	.5	1.2	3.2	6.8	7.8	13.0	(D)	4.3
250 TO 499 EMPLOYEES . . . . .	3	<u>5.3</u>	<u>38.8</u>	<u>4.2</u>	<u>8.7</u>	<u>29.5</u>	<u>124.1</u>	<u>81.6</u>	<u>205.2</u>	(D)	<u>36.9</u>
500 TO 999 EMPLOYEES . . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2,500 EMPLOYEES OR MORE . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup>	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3999-- MANUFACTURES, NEC <sup>2</sup>											
ESTABLISHMENTS, TOTAL. . . . .	2 211	56.6	284.4	46.6	88.1	197.2	540.6	408.7	943.3	23.5	139.3
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	1 018	1.6	7.2	1.6	2.8	5.2	18.7	13.2	31.9	.3	4.2
5 TO 9 EMPLOYEES . . . . .	313	2.1	10.2	1.9	3.2	6.9	21.3	16.3	37.4	.7	4.6
10 TO 19 EMPLOYEES . . . . .	294	4.1	20.6	3.4	6.5	14.3	38.1	30.6	68.5	1.3	7.3
20 TO 49 EMPLOYEES . . . . .	314	9.8	47.5	8.1	15.0	32.4	88.0	71.8	159.2	2.6	18.2
50 TO 99 EMPLOYEES . . . . .	152	10.5	52.1	8.6	16.2	35.7	94.6	86.3	181.2	3.5	24.2
100 TO 249 EMPLOYEES . . . . .	80	12.0	58.2	10.0	18.9	42.6	106.5	66.6	169.8	7.6	25.7
250 TO 499 EMPLOYEES . . . . .	30	9.6	49.8	7.6	14.9	34.3	98.2	65.2	162.8	4.2	33.8
500 TO 999 EMPLOYEES . . . . .	8	7.0	<u>38.6</u>	<u>5.6</u>	<u>10.7</u>	<u>25.9</u>	<u>75.2</u>	<u>58.8</u>	<u>132.6</u>	<u>3.5</u>	<u>21.4</u>
1,000 TO 2,499 EMPLOYEES . . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup>	1 073	2.5	10.5	2.5	4.2	7.5	23.6	16.8	40.4	.6	5.6
1925-- COMPLETE GUIDED MISSILES <sup>3</sup>											
ESTABLISHMENTS, TOTAL. . . . .	65	201.4	2 098.7	70.2	142.9	587.0	3 338.8	<sup>7</sup> 1 301.7	<sup>7</sup> 4 640.5	111.4	485.4
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	1	.2	1.5	(Z)	.2	.7	2.2	.9	3.1	.5	.2
5 TO 9 EMPLOYEES . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
10 TO 19 EMPLOYEES . . . . .	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20 TO 49 EMPLOYEES . . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
50 TO 99 EMPLOYEES . . . . .	5	.4	4.1	.1	.3	.9	7.6	1.1	8.7	(D)	(D)
100 TO 249 EMPLOYEES . . . . .	7	1.1	13.0	.2	.7	1.4	20.0	1.8	21.8	(Z)	.4
250 TO 499 EMPLOYEES . . . . .	4	1.6	14.5	.7	1.4	6.3	28.6	1.5	30.1	.1	.7
500 TO 999 EMPLOYEES . . . . .	9	5.9	59.7	1.9	3.9	14.4	104.8	24.1	129.0	2.7	21.8
1,000 TO 2,499 EMPLOYEES . . . . .	13	20.1	214.9	8.1	15.9	77.2	354.7	48.2	402.8	2.3	27.2
2,500 EMPLOYEES OR MORE . . . . .	19	172.2	1 791.1	59.1	120.5	486.0	2 820.9	1 224.1	4 045.0	105.7	434.9
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup>	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1929-- AMMUNITION EXC. SMALL ARMS, NEC											
ESTABLISHMENTS, TOTAL. . . . .	99	101.7	705.8	76.8	157.7	474.1	1 118.6	1 401.1	2 464.2	42.5	399.1
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	11	(Z)	.4	(Z)	(Z)	.2	.5	.2	.8	(Z)	(Z)
5 TO 9 EMPLOYEES . . . . .	1	(Z)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
10 TO 19 EMPLOYEES . . . . .	1	(Z)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20 TO 49 EMPLOYEES . . . . .	7	.3	1.4	.2	.5	1.1	2.9	2.4	5.5	.1	.4
50 TO 99 EMPLOYEES . . . . .	10	.8	4.9	.7	1.3	3.6	14.6	30.4	46.3	1.0	5.0
100 TO 249 EMPLOYEES . . . . .	11	1.8	9.8	1.5	3.0	7.5	19.1	18.2	36.2	.7	6.5
250 TO 499 EMPLOYEES . . . . .	17	6.1	39.6	5.0	10.1	28.9	91.6	65.6	155.5	4.9	23.0
500 TO 999 EMPLOYEES . . . . .	16	10.5	71.3	8.2	17.8	48.7	135.0	159.3	292.1	2.4	31.0
1,000 TO 2,499 EMPLOYEES . . . . .	12	20.9	156.3	15.1	31.0	103.9	264.9	254.0	502.9	11.0	51.9
2,500 EMPLOYEES OR MORE . . . . .	13	61.4	422.3	46.1	94.0	280.1	590.0	870.9	1 425.0	22.4	281.3
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup>	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1931-- TANKS AND TANK COMPONENTS											
ESTABLISHMENTS, TOTAL. . . . .	27	13.2	101.4	10.0	20.7	68.1	144.7	263.4	394.1	3.3	87.9
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES . . . . .	5	.1	1.1	.1	.2	.8	2.1	2.0	3.9	(Z)	.2
5 TO 9 EMPLOYEES . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
10 TO 19 EMPLOYEES . . . . .	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20 TO 49 EMPLOYEES . . . . .	4	.3	2.2	.2	.5	1.6	4.1	3.1	7.1	(Z)	1.7
50 TO 99 EMPLOYEES . . . . .	5	<u>1.1</u>	<u>6.7</u>	<u>1.0</u>	<u>1.8</u>	<u>5.2</u>	<u>14.4</u>	<u>15.2</u>	<u>21.5</u>	<u>1.0</u>	<u>10.4</u>
100 TO 249 EMPLOYEES . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
250 TO 499 EMPLOYEES . . . . .	3	<u>11.6</u>	<u>91.4</u>	<u>8.6</u>	<u>18.1</u>	<u>60.5</u>	<u>124.0</u>	<u>243.0</u>	<u>361.6</u>	<u>2.3</u>	<u>75.5</u>
1,000 TO 2,499 EMPLOYEES . . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2,500 EMPLOYEES OR MORE . . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup>	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnote at end of table.

See footnote at end of table.



TABLE 3. Selected Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number	Payroll	Number	Man-hours	Wages					
		(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					
1941-- SIGHTING & FIRE CONTROL EQUIPMENT											
ESTABLISHMENTS, TOTAL. . . . .	13	4.6	40.5	2.4	5.2	18.1	63.7	38.7	101.5	1.3	11.3
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>1</sup> . . . . .	5	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	.1	-	(Z)
5 TO 9 EMPLOYEES <sup>1</sup> . . . . .	3	4.6	40.5	2.4	5.2	18.1	63.7	38.7	101.5	1.3	11.3
10 TO 19 EMPLOYEES <sup>1</sup> . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20 TO 49 EMPLOYEES <sup>1</sup> . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
50 TO 99 EMPLOYEES <sup>1</sup> . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
100 TO 249 EMPLOYEES <sup>1</sup> . . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> .	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1951-- SMALL ARMS											
ESTABLISHMENTS, TOTAL. . . . .	71	17.4	124.3	13.1	27.4	83.3	226.6	165.0	384.0	11.2	84.4
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>1</sup> . . . . .	25	(Z)	.2	(Z)	.1	.1	.4	.3	.7	(Z)	.2
5 TO 9 EMPLOYEES <sup>1</sup> . . . . .	7	(Z)	.2	(Z)	.1	.2	.9	.4	1.3	(Z)	.2
10 TO 19 EMPLOYEES <sup>1</sup> . . . . .	7	.8	4.7	.7	1.3	2.9	19.5	14.0	33.5	.6	3.7
20 TO 49 EMPLOYEES <sup>1</sup> . . . . .	10	.3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
50 TO 99 EMPLOYEES <sup>1</sup> . . . . .	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
100 TO 249 EMPLOYEES <sup>1</sup> . . . . .	6	1.1	7.5	.9	1.9	5.4	16.4	12.3	27.1	1.8	8.0
250 TO 499 EMPLOYEES <sup>1</sup> . . . . .	3	2.0	13.7	1.6	3.4	10.4	22.9	12.6	34.8	.6	9.2
500 TO 999 EMPLOYEES <sup>1</sup> . . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1,000 TO 2,499 EMPLOYEES <sup>1</sup> . . . . .	5	13.4	98.1	9.9	20.7	64.3	166.4	125.5	286.5	7.9	63.1
2,500 EMPLOYEES OR MORE <sup>1</sup> . . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> .	25	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1961-- SMALL ARMS AMMUNITION											
ESTABLISHMENTS, TOTAL. . . . .	44	25.2	173.3	19.7	39.0	123.7	286.3	320.9	595.9	12.6	153.8
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>1</sup> . . . . .	18	(Z)	.4	(Z)	(Z)	.3	1.0	.4	1.4	(Z)	.2
5 TO 9 EMPLOYEES <sup>1</sup> . . . . .	4	(Z)	.1	(Z)	(Z)	.1	.3	.2	.5	(Z)	.1
10 TO 19 EMPLOYEES <sup>1</sup> . . . . .	5	.1	.3	.1	.1	.2	.8	.6	1.4	.1	.2
20 TO 49 EMPLOYEES <sup>1</sup> . . . . .	4	.2	1.6	.1	.3	.9	3.7	2.1	5.6	.2	1.2
50 TO 99 EMPLOYEES <sup>1</sup> . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
100 TO 249 EMPLOYEES <sup>1</sup> . . . . .	2	.7	3.6	.6	1.4	2.7	7.2	4.4	10.6	.4	3.9
250 TO 499 EMPLOYEES <sup>1</sup> . . . . .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
500 TO 999 EMPLOYEES <sup>1</sup> . . . . .	3	5.4	33.9	4.7	9.8	28.1	72.1	55.0	125.1	3.2	21.6
1,000 TO 2,499 EMPLOYEES <sup>1</sup> . . . . .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2,500 EMPLOYEES OR MORE <sup>1</sup> . . . . .	4	18.8	133.5	14.1	27.3	91.5	201.3	258.4	451.4	8.6	126.6
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> .	18	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1999-- ORDNANCE AND ACCESSORIES, NEC											
ESTABLISHMENTS, TOTAL. . . . .	98	36.9	284.4	22.6	46.5	147.9	409.1	275.7	687.5	17.7	91.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES <sup>1</sup> . . . . .	22	(Z)	.3	(Z)	(Z)	.2	.4	.3	.8	.7	.1
5 TO 9 EMPLOYEES <sup>1</sup> . . . . .	5	(Z)	.2	(Z)	.1	.2	1.2	.9	2.1	(D)	.1
10 TO 19 EMPLOYEES <sup>1</sup> . . . . .	9	.1	.9	.1	.2	.6	1.7	1.8	3.6	(D)	.2
20 TO 49 EMPLOYEES <sup>1</sup> . . . . .	15	.5	4.2	.4	.8	2.8	8.2	4.1	11.8	1.4	1.6
50 TO 99 EMPLOYEES <sup>1</sup> . . . . .	12	.9	6.0	.8	1.5	3.9	10.3	9.2	19.5	1.1	1.7
100 TO 249 EMPLOYEES <sup>1</sup> . . . . .	8	1.1	7.7	.9	1.9	5.6	14.9	14.1	27.0	.8	5.7
250 TO 499 EMPLOYEES <sup>1</sup> . . . . .	7	2.2	13.7	1.6	3.2	7.9	26.2	20.0	45.5	.8	3.8
500 TO 999 EMPLOYEES <sup>1</sup> . . . . .	11	8.2	55.7	5.9	12.9	35.5	91.9	138.0	233.8	7.6	35.8
1,000 TO 2,499 EMPLOYEES <sup>1</sup> . . . . .	5	8.8	68.2	4.6	9.4	31.4	100.5	34.2	140.2	5.4	6.9
2,500 EMPLOYEES OR MORE <sup>1</sup> . . . . .	4	15.0	127.4	8.2	16.4	59.7	153.9	53.0	203.3	(D)	35.5
ESTABS. COVERED BY ADMIN. RECORDS <sup>1</sup> .	14	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Report forms were not mailed to companies that operated only one establishment and which Social Security payrolls indicated had fewer than 10 employees. Actual payrolls (and sales) for 1967 were obtained from administrative records of the Federal Government. The other statistics for these establishments were estimated from industry averages.

<sup>2</sup>Includes an unspecified amount for plants under construction but not in operation.

<sup>3</sup>Contains extensive duplication because the products of some establishments are used as materials by other establishments classified in the same industry.

<sup>4</sup>Figures are value of production.

<sup>5</sup>Production workers for this industry may be overstated by 5 to 7 percent. This resulted from an overestimation for administrative record class of establishments by as much as 20 percent due to an error in the imputation process. Other data were not affected.

<sup>6</sup>Definitions are as follows: Fully integrated works are establishments having coke ovens, blast furnaces, steel works, and rolling and finishing mills or a forging department; partially integrated works with blast furnaces are establishments having blast furnaces, steel works, and rolling and finishing mills or a forging department; nonintegrated works represent all other types of establishments in this industry including beehive coke ovens, byproduct coke ovens operated independently of blast furnaces and steel departments; merchant blast furnaces, and establishments with hot rolling and finishing operations. In a few cases, operations which are, in fact, fully integrated, are classified as partially integrated or nonintegrated because separate establishment reports were collected either because the operations are conducted in different cities or towns, or the company treats the operations separately for their own administrative reasons.

<sup>7</sup>Establishments in this industry reported value of work done rather than value of shipments. Consequently the formula for computing value added by manufactures was not adjusted for inventory change between the beginning and end of year.

<sup>8</sup>Production workers for this industry may be overstated by 3 to 5 percent. This resulted from an overestimation for administrative record class of establishments by as much as 20 percent due to an error in the imputation process. Other data were not affected.

<sup>9</sup>Production workers for this industry may be overstated by 1 to 2 percent. This resulted from an overestimation for administrative record class of establishments by as much as 20 percent due to an error in the imputation process. Other data were not affected.

TABLE 4. Central Administrative Offices and Auxiliaries, by Employment-Size Class and Major Industry Groups of Establishments Services: 1967

Code	Major industry group	Estab- lishments, total	Employment size-class of central administrative offices and auxiliaries						
			Less than 20 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 employees and over
	All industries, total:								
	Establishments.....number..	5,460	2,342	939	716	728	368	203	164
	Employees.....1,000...	830.9	17.0	30.1	51.1	114.6	128.2	139.6	350.1
20	Food and kindred products:								
	Establishments.....number..	960	540	163	92	92	35	26	12
	Employees.....1,000...	76.3	3.1	5.2	6.5	13.8	11.9	GG	GG
21	Tobacco manufactures								
	Establishments.....number..	61	31	11	4	4	7	2	2
	Employees.....1,000...	8.0	.1	.4	BB	CC	EE	EE	FF
22	Textile mill products:								
	Establishments.....number..	234	78	53	33	43	16	9	2
	Employees.....1,000...	25.2	.6	1.7	2.3	6.9	5.4	FF	FF
23	Apparel and related products:								
	Establishments.....number..	239	97	58	38	32	11	3	-
	Employees.....1,000...	16.3	1.0	1.9	2.8	5.0	FF	EE	-
24	Lumber and wood products:								
	Establishments.....number..	161	82	40	22	12	3	2	-
	Employees.....1,000...	7.8	.7	1.3	1.6	EE	EE	EE	-
25	Furniture and fixtures:								
	Establishments.....number..	69	28	18	8	11	4	-	-
	Employees.....1,000...	4.6	.2	.6	CC	EE	EE	-	-
26	Paper and allied products:								
	Establishments.....number..	184	66	31	28	37	12	6	4
	Employees.....1,000...	31.8	.6	1.0	1.9	5.7	FF	FF	FF
27	Printing and publishing:								
	Establishments.....number..	293	168	49	31	28	10	5	2
	Employees.....1,000...	21.1	1.2	1.5	2.1	4.4	FF	FF	FF
28	Chemicals and allied products:								
	Establishments.....number..	722	265	103	100	122	73	33	26
	Employees.....1,000...	141.3	2.7	3.3	7.2	20.2	25.0	22.9	60.0
29	Petroleum and coal products:								
	Establishments.....number..	204	54	30	25	25	30	18	22
	Employees.....1,000...	69.1	.5	.9	1.7	4.2	10.8	GG	GG
30	Rubber and plastics products, n.e.c:								
	Establishments.....number..	79	33	13	9	15	4	2	3
	Employees.....1,000...	14.3	.3	BB	.7	EE	EE	EE	GG
31	Leather and leather products:								
	Establishments.....number..	68	25	13	13	8	5	3	1
	Employees.....1,000...	7.9	.3	BB	.9	EE	EE	EE	EE
32	Stone, clay, and glass products:								
	Establishments.....number..	386	185	72	61	42	14	7	5
	Employees.....1,000...	30.7	1.3	2.3	4.3	6.3	4.8	FF	GG
33	Primary metal industries:								
	Establishments.....number..	270	106	45	44	40	18	9	8
	Employees.....1,000...	48.2	.7	1.5	3.2	5.8	6.1	GG	GG
34	Fabricated metal products:								
	Establishments.....number..	319	122	64	52	49	19	8	5
	Employees.....1,000...	33.3	.8	2.0	3.7	7.5	7.0	GG	GG
35	Machinery, except electrical:								
	Establishments.....number..	386	165	54	50	56	29	17	15
	Employees.....1,000...	64.9	1.1	1.7	3.7	8.6	9.8	GG	GG
36	Electrical equipment and supplies:								
	Establishments.....number..	386	128	53	52	51	46	28	28
	Employees.....1,000...	105.7	1.0	1.7	3.8	8.2	17.0	19.3	58.4
37	Transportation equipment:								
	Establishments.....number..	251	82	39	29	36	22	18	25
	Employees.....1,000...	101.5	.9	1.3	2.2	6.0	GG	GG	70.7
38	Instruments and related products:								
	Establishments.....number..	89	36	15	12	13	5	5	3
	Employees.....1,000...	15.3	.3	.5	CC	2.1	EE	FF	GG
39	Miscellaneous manufacturing industries: <sup>1</sup>								
	Establishments.....number..	99	51	15	13	12	5	2	1
	Employees.....1,000...	8.1	.7	BB	.9	EE	EE	EE	EE

Note: In order to avoid disclosing figures for individual companies the following employment size codes have been used: AA - less than 250 employees BB - 250 - 499 employees CC - 500 - 999 employees EE - 1,000 - 2,499 employees FF - 2,500 employees and over.

<sup>e</sup> Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. For 1967, over 30 percent of the data for this line was estimated. (Z) Under 50 thousand (or under 50 employees).

<sup>1</sup>Includes data for units servicing establishments classified in major groups 19 "Ordnance and Accessories".



## Chapter 3

# Type of Organization

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## TYPE OF ORGANIZATION

Information concerning whether a plant is either independent or part of a multiestablishment company contributes importantly to our knowledge of the structure of manufactures in the United States. However, this classification is significantly affected by the way in which the census of manufactures is taken. In 1947, it was not taken in conjunction with the census of business or mineral industries and the multiunit classification depended on whether or not the company operated more than one manufacturing plant. In 1954 and since, the census of manufactures has been conducted in conjunction with the censuses of business and mineral industries, and so the multiunit classification now depends on whether or not the company operates at more than one location within the temporal spans of those censuses. Thus, in 1954, 1958, 1963, and 1967, a company with one manufacturing plant and a nonmanufacturing location or separate administrative office was classified as multiunit. While the importance of multiunit establishments, in terms of employment and value added, has increased since 1947 (see table 1), part of this increase is undoubtedly due to the change in collection procedures that took place between 1947 and 1954. However, during those years, this increase in employment and value added was accompanied by a decline in the percentage of establishments accounted for by multiunit companies. Part of this was due to the inclusion in the 1954 Census of Manufactures of industries characterized by a large number of small firms (e.g., milk distribution and logging) which account for a very small amount of the total manufacturing employment and value added. This shifting in the determination of single and multiunit establishments did not occur after the 1954 census and the 1958 and 1963 data are completely comparable.

In 1963, each establishment was asked to report the form of organization of the company which operated it. In 1967, a separate category of establishments was created to account for single-unit manufacturing firms with less than 10 employees which were excused from filing reports. Information for most single-unit establishments with less than 10 employees in 1967, is contained in the "administrative record" classification. Thus, the relative importance of the single-unit classification can be determined by the combination of the categories, "single-unit companies" and "administrative records." While these small plants account for approximately one-third of the total manufacturing establishments, they account for only 2 percent of the payrolls and value added. (See the Introduction for a further discussion of administrative records.)

TABLE 1. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization: 1967, 1963, 1958, 1954, and 1947

Item <sup>1</sup>	Year	Establishments (number)	All employees		Production workers		Value added by manufacture (million dollars)	Capital expenditures, new <sup>2</sup> (million dollars)
			Total (1,000)	Payroll (million dollars)	Total (1,000)	Wages (million dollars)		
All establishments.....	1967	305,681	18,498	123,550	13,955	81,394	261,984	21,503
	1963	306,617	16,235	93,289	12,232	62,394	192,103	11,371
	1958	298,182	15,381	73,773	11,367	48,471	143,159	9,531
	1954	286,814	15,645	62,963	12,372	44,591	117,032	8,201
	1947	240,807	14,294	39,696	11,918	30,244	74,290	5,998
Type of operation <sup>3</sup> :								
Multiunit companies, total.....	1967	51,707	13,310	93,756	9,790	60,875	206,437	18,596
	1963	45,862	11,015	68,202	8,110	44,721	146,605	8,934
	1958	41,871	10,064	51,785	7,174	33,469	105,306	7,525
	1954	31,769	9,480	40,623	7,402	28,987	79,604	6,485
	1947	35,202	8,007	22,788	6,686	17,787	43,947	(NA)
Corporate ownership or control.....	1967	50,169	13,206	93,122	9,718	60,499	204,986	18,463
	1963	43,568	10,890	67,602	8,017	44,325	145,269	8,832
	1958	39,048	9,964	51,407	7,197	33,103	104,475	7,465
	1954	29,820	9,387	40,309	7,327	28,858	78,977	6,435
	1947	29,557	7,830	22,400	6,535	17,593	43,208	(NA)
Noncorporate ownership.....	1967	1,538	104	634	71	376	1,451	133
	1963	2,294	125	599	93	396	1,336	102
	1958	2,823	100	378	77	266	831	60
	1954	1,949	93	314	75	229	627	50
	1947	5,645	177	388	151	294	739	(NA)
Single unit companies, total.....	1967	135,352	4,917	28,842	3,904	19,563	52,460	2,762
	1963	260,755	5,220	25,087	4,122	17,373	45,497	2,437
	1958	256,311	5,317	21,887	4,193	15,102	37,853	2,006
	1954	255,045	6,165	22,340	4,970	15,604	37,428	1,716
	1947	205,605	6,287	16,907	5,232	12,457	30,343	(NA)
Corporate ownership or control.....	1967	103,723	4,491	26,408	3,542	17,931	48,275	2,525
	1963	132,622	4,355	21,754	3,409	14,739	38,831	1,959
	1958	123,701	4,252	18,478	3,301	12,352	31,169	1,461
	1954	118,641	4,886	18,742	3,879	12,722	30,692	1,317
	1947	88,545	5,026	14,180	4,114	10,144	25,086	(NA)
Noncorporate ownership.....	1967	31,629	425	2,075	361	1,632	4,185	237
	1963	128,133	865	3,333	713	2,634	6,666	478
	1958	132,610	1,065	3,409	892	2,750	6,684	545
	1954	136,404	1,279	3,598	1,091	2,882	6,736	399
	1947	117,060	1,261	2,727	1,118	2,313	5,257	(NA)
Administrative records <sup>4</sup> .....	1967	118,622	271	1,313	263	957	3,086	145
Legal form of organization:								
Corporate.....	1967	153,892	17,697	119,530	113,260	78,429	253,261	20,988
	1963	176,190	15,245	89,356	11,426	59,064	184,100	10,791
	1958	162,749	14,215	69,885	10,398	45,455	135,644	8,926
	1954	148,461	14,273	59,051	11,206	41,480	109,669	7,752
	1947	118,102	12,856	36,580	10,649	27,637	68,294	(NA)
Noncorporate, total <sup>5</sup> .....	1967	33,165	530	2,709	433	2,008	5,636	370
	1963	130,427	990	3,932	806	3,030	8,002	580
	1958	135,433	1,165	3,787	969	3,016	7,515	605
	1954	138,353	1,372	3,912	1,166	3,111	7,363	449
	1947	122,705	1,438	3,115	1,269	2,607	5,996	(NA)
Individual.....	1967	24,897	243	1,187	210	933	2,361	141
	1963	99,174	536	2,033	440	1,595	3,916	315
	1958	91,276	542	1,637	461	1,349	3,115	317
	1954	88,224	593	1,527	507	1,237	2,735	176
	1947	69,498	586	1,184	522	1,001	2,162	(NA)
Partnership.....	1967	6,731	193	971	157	730	1,895	114
	1963	27,677	334	1,034	277	1,062	2,726	141
	1958	41,958	543	1,836	452	1,458	3,663	223
	1954	47,885	703	2,108	602	1,684	4,054	216
	1947	50,771	757	1,687	673	1,432	3,347	(NA)
Other.....	1967	1,539	94	550	66	345	1,380	115
Administrative records <sup>4</sup> .....	1967	118,622	271	1,313	263	957	3,086	145

NA Not available.

<sup>1</sup>The 1958 and 1963 figures include establishments classified in industry 3273, Ready Mixed Concrete, and establishments classified in industry 3599, Miscellaneous Machinery, that were engaged exclusively or almost exclusively in machine shop repair work. The data for such establishments are excluded from the 1954 and 1947 figures. The 1963, 1958 and 1954 figures include data for establishments engaged in the processing and distribution of fluid milk, industry group 202, Dairies. These establishments were not included in the 1947 figures. In addition, the 1963 and 1954 census figures include data for logging camps and contractors, industry 2411, which were not included within the scope of the 1947 Census. Data for Alaska and Hawaii, which are included for 1963, are not available on a type-of-operation and legal form of organization basis for 1958 and earlier years.

<sup>2</sup>The figures for 1954, 1958, 1963, and 1967 include expenditures for plants under construction and not yet in operation. This information was not collected for 1947.

<sup>3</sup>All data are based on reports for individual manufacturing establishments, and not on a company basis. Each establishment of multiestablishment companies is classified by its primary industrial activity. For this reason the statistics presented in this table cannot be compared directly with tabulations in which the whole corporation or company is the report-

ing unit and the entire company is classified in one industry, for example, "Statistics of Income, Corporation Income Tax Returns" compiled by the Bureau of Internal Revenue, U. S. Treasury Department. Since 1958, establishments were classified as part of a multiunit company when the company operated two or more establishments, of which at least one was a manufacturing establishment. In 1947, establishments were considered part of a multiunit only if the company operated 2 or more manufacturing establishments.

<sup>4</sup>Report forms were not mailed for 1967 to companies that operated only one establishment and which Social Security payrolls indicated had fewer than 10 employees. Actual payrolls (and sales) for 1967 were obtained from administrative records of the Federal Government. The other statistics were estimated from industry averages.

<sup>5</sup>For 1963 and earlier years, the difference between the sum of individual and partnership forms of organization and the total for noncorporate is represented by other noncorporate forms including cooperatives, establishments operated by estate administrators, trusteeships, receiverships, public and quasi-public organizations, and in addition, the misassignment of small establishments that were not corrected since they were not statistically significant. For 1967, this category is shown for each industry and for all manufacturing, total.



TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967

Code	Item	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new <sup>2</sup>	Inventories end of--	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
	All industries, total.....	305,681	107,140	18,498.0	123,550.6	13,955.3	27,837.6	81,393.6	261,983.8	298,513.7	557,394.8	21,503.0	77,726.9	84,405.5
	Type of operation:													
	Multiunit companies, total.....	51,707	42,150	13,309.9	93,755.7	9,789.5	19,714.3	60,874.7	206,437.1	241,583.1	445,412.4	18,595.7	66,785.7	72,682.7
	Corporate ownership or control...	50,169	41,271	13,205.8	93,122.0	9,718.2	19,569.8	60,498.5	204,986.1	238,044.7	440,493.7	18,462.9	66,108.6	71,913.1
	Noncorporate ownership.....	1,538	879	104.1	633.6	71.3	144.4	376.2	1,451.0	3,538.5	4,918.6	132.7	677.0	769.7
	Single unit companies, total.....	135,352	64,990	4,916.5	28,482.4	3,904.1	7,695.9	19,562.6	52,460.1	54,179.5	106,146.6	2,762.0	10,302.0	11,081.3
	Corporate ownership or control...	103,723	59,699	4,491.1	26,407.5	3,542.3	7,014.4	17,930.9	48,274.8	49,429.4	97,243.7	2,525.0	9,628.8	10,335.6
	Noncorporate ownership.....	31,629	5,291	425.4	2,074.8	361.7	681.6	1,631.7	4,185.3	4,750.0	8,902.9	237.0	673.2	745.7
	Administrative records <sup>6</sup> .....	118,622	-	271.1	1,313.0	262.5	427.5	957.0	3,086.0	2,750.6	5,836.1	145.1	639.3	641.5
	Legal form of organization:													
	Corporate.....	153,894	100,970	17,696.9	119,529.5	13,260.5	26,584.2	78,429.4	253,260.9	287,474.1	537,737.4	20,987.9	75,737.5	82,248.6
	Noncorporate, total.....	33,165	6,170	529.5	2,708.5	433.1	826.0	2,007.8	5,636.4	8,288.5	13,821.5	369.7	1,350.2	1,515.4
	Individual.....	24,897	2,542	242.8	1,187.4	210.3	388.7	932.5	2,361.3	2,176.7	4,524.2	140.8	312.6	339.4
	Partnership.....	6,731	2,761	192.9	970.7	157.2	304.0	730.2	1,894.9	2,059.0	3,939.3	113.6	309.0	331.3
	Other.....	1,539	867	93.8	550.3	65.6	133.4	345.1	1,380.2	4,052.9	5,358.0	115.3	728.6	844.7
	Administrative records <sup>6</sup> .....	118,622	-	271.1	1,313.0	262.5	427.5	957.0	3,086.0	2,750.6	5,836.1	145.1	639.3	641.5
20	Food and kindred products, total	32,518	13,514	1,649.6	10,076.8	1,121.7	2,259.4	6,062.6	26,620.9	57,540.6	83,975.2	1,730.1	7,240.2	7,748.8
	Type of operation:													
	Multiunit companies, total.....	8,405	6,610	1,121.3	7,226.0	770.0	1,563.9	4,466.3	20,354.3	42,379.7	62,601.9	1,345.1	5,971.9	6,344.3
	Corporate ownership or control...	7,729	6,202	1,075.6	6,961.3	737.1	1,498.3	4,294.0	19,562.7	39,740.0	59,222.9	1,282.7	5,487.0	5,786.3
	Noncorporate ownership.....	676	408	45.7	264.7	32.3	65.6	172.3	791.6	2,639.8	3,378.9	62.5	484.9	558.0
	Single unit companies, total.....	14,407	6,904	507.7	2,754.7	333.4	667.5	1,533.4	5,974.7	14,655.7	20,576.1	373.4	1,210.1	1,346.3
	Corporate ownership or control...	10,138	6,052	437.2	2,429.7	284.4	570.9	1,328.4	5,167.6	12,511.9	17,631.2	310.0	994.0	1,102.1
	Noncorporate ownership.....	4,269	852	70.5	325.0	48.9	96.6	204.9	807.1	2,143.8	2,944.9	63.4	216.1	244.2
	Administrative records <sup>6</sup> .....	9,706	-	20.4	96.3	18.8	28.0	62.7	291.9	505.0	796.8	11.5	58.2	58.1
	Legal form of organization:													
	Corporate.....	17,867	12,254	1,512.8	9,391.0	1,021.1	2,069.2	5,622.4	24,730.3	52,251.9	76,854.3	1,592.8	6,480.9	6,888.4
	Noncorporate, total.....	4,945	1,260	116.0	589.7	81.1	162.2	7.2	1,598.7	4,783.6	6,324.1	125.8	701.2	802.2
	Individual.....	2,917	303	28.8	127.0	20.6	38.8	82.4	352.9	674.5	1,033.4	28.4	53.0	48.9
	Partnership.....	1,120	431	28.2	134.1	18.1	35.6	78.9	325.3	700.1	1,022.0	17.3	52.8	57.8
	Other.....	908	526	59.0	327.8	42.5	87.8	215.9	920.4	3,408.9	4,268.7	80.1	595.4	695.5
	Administrative records <sup>6</sup> .....	9,706	-	20.4	96.3	18.8	28.0	62.7	291.9	505.0	796.8	11.5	58.2	58.1
2011	Meatpacking plants, total.....	2,697	955	170.5	1,258.1	130.8	274.1	920.8	2,220.5	13,384.3	315,576.3	109.4	446.1	478.0
	Type of operation:													
	Multiunit companies, total.....	350	282	113.9	899.3	86.8	180.4	669.6	1,420.4	8,824.0	10,231.8	77.8	326.4	341.0
	Corporate ownership or control...	315	273	112.7	892.0	85.8	178.4	663.7	1,408.9	8,721.7	10,118.7	76.9	324.6	338.3
	Noncorporate ownership.....	35	9	1.1	7.2	.9	2.0	6.0	11.5	102.3	113.1	.9	1.8	2.7
	Single unit companies, total.....	1,197	673	54.5	347.4	41.9	90.3	242.4	760.8	4,469.2	5,214.0	30.8	115.8	133.1
	Corporate ownership or control...	835	592	49.2	319.7	37.6	81.5	220.8	674.0	4,144.9	4,800.4	27.9	106.6	126.0
	Noncorporate ownership.....	362	81	5.3	27.7	4.3	8.7	21.6	86.8	324.3	413.5	2.9	9.2	7.0
	Administrative records <sup>6</sup> .....	1,150	-	2.1	11.4	2.1	3.4	8.8	39.3	91.1	130.4	.7	3.9	3.9
	Legal form of organization:													
	Corporate.....	1,150	865	161.9	1,211.7	123.4	259.9	884.5	2,082.9	12,866.5	14,919.2	104.8	431.2	464.4
	Noncorporate, total.....	397	90	6.4	35.0	5.3	10.8	27.5	98.3	426.7	526.6	3.8	11.1	9.7
	Individual.....	268	33	2.7	12.6	2.2	4.4	10.3	51.2	90.8	147.9	1.3	3.3	1.7
	Partnership.....	116	47	2.5	13.6	2.0	4.1	10.6	32.8	197.2	228.4	1.0	5.5	2.8
	Other.....	13	10	1.3	8.7	1.0	2.3	6.6	14.3	138.7	150.4	1.6	2.3	5.3
	Administrative records <sup>6</sup> .....	1,150	-	2.1	11.4	2.1	3.4	8.8	39.3	91.1	130.4	.7	3.9	3.9
2013	Sausages and other prepared meats total.....	1,374	560	54.4	378.4	40.4	84.0	250.8	742.5	2,261.0	3,007.7	30.4	130.4	129.3
	Type of operation:													
	Multiunit companies, total.....	210	178	27.1	198.0	19.7	41.8	130.4	389.0	1,220.1	1,615.3	17.3	80.3	75.3
	Corporate ownership or control...	199	175	26.9	196.9	19.6	41.5	129.5	386.7	1,214.3	1,607.3	17.3	80.0	74.9
	Noncorporate ownership.....	11	3	.2	1.1	.1	.3	.8	2.3	5.8	8.1	(2)	.3	.3
	Single unit companies, total.....	722	382	26.3	175.3	19.7	40.7	116.8	338.8	1,009.6	1,346.3	12.9	48.3	52.2
	Corporate ownership or control...	549	361	24.7	166.4	18.5	38.4	110.9	316.2	964.2	1,278.5	12.2	46.3	49.9
	Noncorporate ownership.....	173	21	1.6	8.9	1.2	2.4	5.9	22.6	45.4	67.8	.7	2.1	2.3
	Administrative records <sup>6</sup> .....	442	-	1.0	5.1	1.0	1.5	3.6	14.7	31.3	46.0	.2	1.8	1.8
	Legal form of organization:													
	Corporate.....	748	536	51.6	363.3	38.1	79.9	240.5	702.8	2,178.5	2,885.8	29.5	126.3	124.8
	Noncorporate, total.....	184	24	1.8	10.0	1.4	2.6	6.7	25.0	51.2	75.9	.8	2.3	2.7
	Individual.....	136	7	.9	4.9	.7	1.4	3.3	11.7	26.2	37.8	.3	1.2	1.3
	Partnership.....	45	16	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	3	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>6</sup> .....	442	-	1.0	5.1	1.0	1.5	3.6	14.7	31.3	46.0	.2	1.8	1.8
2015	Poultry dressing plants, total.....	843	514	85.2	317.1	77.7	149.9	263.5	588.0	2,358.5	2,936.1	57.2	121.4	135.6
	Type of operation:													
	Multiunit companies, total.....	231	225	46.5	175.4	42.4	83.8	147.1	307.0	1,276.2	1,580.6	36.9	77.6	81.3
	Corporate ownership or control...	206	200	42.7	160.3	38.9	77.0	134.2	287.5	1,180.3	1,465.5	35.4	71.7	74.7
	Noncorporate ownership.....	25	25	3.8	15.0	3.5	6.7	12.8	19.5	95.8	115.0	1.5	5.9	6.6
	Single unit companies, total.....	379	289	37.9	139.3	34.5	64.9	114.4	272.8	1,057.3	1,322.3	19.4	42.2	52.7
	Corporate ownership or control...	283	246	32.4	120.5	29.5	56.2	98.4	235.1	888.9	1,117.2	12.4	30.7	40.0
	Noncorporate ownership.....	96	43	5.6	18.8	5.1	8.7	16.0	37.7	168.4	205.1	7.0	11.5	12.6
	Administrative records <sup>6</sup> .....	233	-	.8	2.5	.8	1.2	2.0	8.2	25.0	33.2	.9	1.7	1.7
	Legal form of organization:													
	Corporate.....	489	446	75.1	280.8	68.4	133.2	232.7	522.6	2,069.2	2,582.7	47.8	102.3	114.7
	Noncorporate, total.....	121	68	9.3	33.8	8.6	15.5	28.8	57.1	264.2	320.1	8.5	17.4	19.2
	Individual.....	55	15	1.2	3.3	1.1	1.7	2.9	8.0	25.0	33.2	.8	1.8	1.7
	Partnership.....	27	16	1.8	6.9	1.6	2.7	5.6	16.1	61.2	76.8	.8	4.1	5.0
	Other.....	39	37	6.3	23.6	5.9	11.0	20.3	33.0	178.0	210.1	6.9	11.6	12.5
	Administrative records <sup>6</sup> .....	233	-	.8	2.5	.8	1.2	2.0	8.2	25.0	33.2	.9	1.7	1.7

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967—Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new <sup>2</sup>	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1966	1967
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
2021	Creamery butter, total.....	540	138	8.7	45.4	6.4	13.9	31.3	113.2	841.4	958.8	9.5	34.9	31.8
	Type of operation:													
	Multiunit companies, total.....	97	66	3.9	21.6	2.9	6.3	14.7	52.3	437.5	494.0	4.2	20.4	16.9
	Corporate ownership or control...	56	37	2.2	11.4	1.6	3.4	7.8	24.4	224.6	251.7	2.0	11.8	9.0
	Noncorporate ownership.....	41	29	1.7	10.2	1.3	2.9	6.9	27.9	212.9	242.3	2.2	8.6	7.9
	Single unit companies, total.....	260	72	4.3	21.7	3.1	6.9	15.1	55.6	380.2	435.9	5.1	13.7	14.1
	Corporate ownership or control...	60	30	1.4	7.6	1.0	2.2	5.0	17.2	121.1	138.6	2.8	4.3	4.1
	Noncorporate ownership.....	200	42	2.8	14.1	2.1	4.6	10.1	38.4	259.1	297.3	2.3	9.4	10.0
	Administrative records <sup>e</sup> .....	183	-	.5	2.1	.4	.7	1.6	5.2	23.7	28.9	.2	.9	.9
	Legal form of organization:													
	Corporate.....	116	67	3.6	19.0	2.6	5.7	12.8	41.6	345.7	390.3	4.9	16.1	13.1
	Noncorporate, total.....	241	71	4.6	24.3	3.4	7.5	17.0	66.3	472.0	539.6	4.4	17.9	17.9
	Individual <sup>e</sup> .....	63	1	.4	1.8	.3	.6	1.3	4.5	25.8	30.0	.2	.7	1.0
	Partnership.....	7	-	.1	.3	(Z)	.1	.2	.7	3.3	4.0	(Z)	.1	.1
	Other.....	171	70	4.1	22.2	3.0	6.8	15.5	61.1	442.9	505.5	4.2	17.1	16.7
	Administrative records <sup>e</sup> .....	183	-	.5	2.1	.4	.7	1.6	5.2	23.7	28.9	.2	.9	.9
2022	Cheese, natural and processed, total	1,026	238	20.0	103.6	16.6	33.9	80.0	226.5	1,487.4	1,707.8	17.3	142.4	135.0
	Type of operation:													
	Multiunit companies, total.....	204	121	11.3	62.7	9.3	18.9	48.4	132.4	1,010.6	1,142.5	9.0	118.4	104.4
	Corporate ownership or control...	178	108	10.4	58.2	8.5	17.4	44.9	118.2	921.2	1,043.4	7.8	113.3	94.6
	Noncorporate ownership.....	26	13	.9	4.5	.8	1.5	3.5	14.2	89.4	99.1	1.2	5.1	9.8
	Single unit companies, total.....	450	117	8.0	38.0	6.7	13.7	29.1	85.0	434.5	514.0	7.8	21.4	28.1
	Corporate ownership or control...	232	94	5.4	26.6	4.4	9.3	19.6	57.2	273.4	328.7	5.2	14.6	17.4
	Noncorporate ownership.....	218	23	2.6	11.3	2.3	4.4	9.4	27.7	161.1	185.4	2.6	6.8	10.7
	Administrative records <sup>e</sup> .....	372	-	.7	3.0	.7	1.3	2.5	9.0	42.2	51.3	.6	2.6	2.6
	Legal form of organization:													
	Corporate.....	410	202	15.8	84.9	12.9	26.7	64.6	175.5	1,194.6	1,372.1	13.0	127.9	112.0
	Noncorporate, total.....	244	36	3.5	15.8	3.0	5.9	12.9	41.9	250.5	284.5	3.7	12.0	20.5
	Individual.....	126	6	.9	3.9	.9	1.6	3.4	10.0	54.1	63.8	1.2	2.0	2.6
	Partnership.....	36	3	.5	2.0	.4	.8	1.7	5.4	30.1	35.2	.4	.9	1.3
	Other.....	82	27	2.1	9.8	1.8	3.5	7.8	26.5	166.2	185.5	2.1	9.0	16.6
	Administrative records <sup>e</sup> .....	372	-	.7	3.0	.7	1.3	2.5	9.0	42.2	51.3	.6	2.6	2.6
2023	Condensed and evaporated milk, total	291	169	13.2	83.4	10.0	20.7	59.3	373.1	892.5	1,263.0	20.8	69.3	74.8
	Type of operation:													
	Multiunit companies, total.....	176	130	10.9	70.3	8.5	17.5	51.2	344.5	741.2	1,082.8	18.3	61.4	67.0
	Corporate ownership or control...	149	110	9.1	59.3	7.1	14.5	43.4	317.6	576.5	890.7	16.0	53.3	58.6
	Noncorporate ownership.....	27	20	1.8	11.0	1.4	3.0	7.8	26.9	164.7	192.1	2.3	8.1	8.4
	Single unit companies, total.....	91	39	2.2	12.8	1.5	3.1	7.9	27.6	149.0	176.9	2.4	7.7	7.6
	Corporate ownership or control...	69	32	1.8	10.6	1.1	2.5	6.4	22.2	108.8	130.9	1.9	6.1	6.2
	Noncorporate ownership.....	22	7	.4	2.3	.3	.6	1.5	5.4	40.2	46.0	.4	1.6	1.4
	Administrative records <sup>e</sup> .....	24	-	(Z)	.3	(Z)	.1	.2	1.0	2.3	3.2	.1	.2	.2
	Legal form of organization:													
	Corporate.....	218	142	10.9	69.9	8.3	17.0	49.8	339.8	685.3	1,021.5	17.9	59.4	64.8
	Noncorporate, total.....	49	27	2.2	13.3	1.7	3.6	9.3	32.3	204.9	238.2	2.8	9.7	9.8
	Individual.....	12	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	6	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	31	23	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	24	-	(Z)	.3	(Z)	.1	.2	1.0	2.3	3.2	.1	.2	.2
2024	Ice cream and frozen desserts, total	850	325	24.6	156.4	13.8	27.2	77.2	403.0	658.3	1,059.4	26.6	64.4	66.9
	Type of operation:													
	Multiunit companies, total.....	282	215	17.2	115.8	9.5	19.3	57.8	312.8	518.4	829.8	21.5	50.8	52.0
	Corporate ownership or control...	262	203	16.5	111.8	9.1	18.6	55.3	301.7	496.6	797.1	20.3	48.9	49.8
	Noncorporate ownership.....	20	12	.7	4.0	.4	.7	2.5	11.0	21.8	32.7	1.2	1.9	2.2
	Single unit companies, total.....	302	110	6.9	38.0	3.8	7.3	18.0	83.3	130.0	212.8	4.6	12.4	13.7
	Corporate ownership or control...	227	103	6.2	34.8	3.4	6.5	16.2	74.9	119.4	193.8	4.1	11.3	12.5
	Noncorporate ownership.....	75	7	.7	3.2	.4	.8	1.7	8.5	10.5	19.0	.5	1.1	1.2
	Administrative records <sup>e</sup> .....	266	-	.5	2.6	.5	.6	1.4	6.8	10.0	16.8	.5	1.2	1.2
	Legal form of organization:													
	Corporate.....	489	306	22.6	146.7	12.4	25.0	71.5	376.6	616.0	990.9	24.4	60.2	62.3
	Noncorporate, total.....	95	19	1.4	7.2	.8	1.5	4.2	19.5	32.3	51.7	1.7	3.0	3.5
	Individual.....	62	4	.5	2.2	.3	.6	1.3	5.3	8.3	13.6	.4	.6	.7
	Partnership.....	21	6	.3	1.8	.2	.4	1.0	4.9	5.7	10.6	.2	.8	.8
	Other.....	12	9	.6	3.2	.3	.5	1.9	9.3	18.3	27.5	1.1	1.6	2.0
	Administrative records <sup>e</sup> .....	266	-	.5	2.6	.5	.6	1.4	6.8	10.0	16.8	.5	1.2	1.2
2026	Fluid milk, total.....	3,481	1,636	165.2	1,060.5	60.5	126.4	356.7	2,350.7	5,493.4	7,826.0	120.3	152.1	181.4
	Type of operation:													
	Multiunit companies, total.....	865	773	103.6	692.8	36.6	78.4	232.2	1,629.2	3,955.7	5,573.7	77.2	105.6	122.4
	Corporate ownership or control...	750	673	92.6	619.6	32.2	68.7	203.0	1,476.0	3,422.0	4,887.5	66.9	90.7	105.9
	Noncorporate ownership.....	115	100	10.9	73.2	4.5	9.7	29.2	153.3	533.7	686.2	10.3	15.0	16.5
	Single unit companies, total.....	1,690	863	59.7	357.5	22.2	45.9	119.5	682.8	1,481.8	2,157.7	40.7	43.6	56.2
	Corporate ownership or control...	1,088	718	48.4	297.9	17.7	36.5	96.4	548.3	1,118.7	1,661.8	30.2	33.6	42.6
	Noncorporate ownership.....	602	145	11.3	59.6	4.5	9.4	23.1	134.5	363.1	495.9	10.5	10.0	13.5
	Administrative records <sup>e</sup> .....	926	-	2.0	10.2	1.6	2.1	5.0	38.7	55.9	94.6	2.3	2.9	2.9
	Legal form of organization:													
	Corporate.....	1,838	1,391	141.1	917.5	49.9	105.2	299.3	2,024.3	4,540.6	6,549.3	97.1	124.3	148.5
	Noncorporate, total.....	717	245	22.2	132.8	9.0	19.0	52.3	287.7	896.8	1,182.1	20.8	24.9	30.0
	Individual.....	349	48	3.9	20.6	1.7	3.5	8.5	43.4	88.1	130.8	4.9	2.4	3.6
	Partnership.....	165	67	4.4	23.8	1.5	3.2	8.4	57.8	109.9	167.3	3.5	3.6	5.1
	Other.....	203	130	13.9	88.4	5.7	12.4	35.4	186.5	698.9	884.0	12.5	18.9	21.3
	Administrative records <sup>e</sup> .....	926	-	2.0	10.2	1.6	2.1	5.0	38.7	55.9	94.6	2.3	2.9	2.9

See footnotes at end of table.



TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967—Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new <sup>2</sup> (million dollars)	Inventories end of—	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
2031	Canned and cured seafoods, total.....	320	161	15.8	69.1	14.0	23.6	54.8	<sup>4</sup> 181.0	342.0	<sup>4</sup> 523.1	9.4	116.5	129.1
	Type of operation:													
	Multiunit companies, total.....	96	81	10.5	48.3	9.4	16.2	38.9	127.1	256.5	383.6	7.4	86.6	102.8
	Corporate ownership or control...	90	76	10.2	47.2	9.2	15.7	38.0	124.9	253.8	378.8	7.3	86.3	102.4
	Noncorporate ownership.....	6	5	.2	1.1	.2	.4	.9	2.1	2.7	4.8	.1	.3	.4
	Single unit companies, total.....	152	80	5.0	19.5	4.3	6.9	14.9	50.9	81.0	131.9	1.9	28.3	24.6
	Corporate ownership or control...	116	71	4.4	17.7	3.8	6.1	13.4	45.9	71.3	117.1	1.5	24.1	22.2
	Noncorporate ownership.....	36	9	.6	1.8	.6	.8	1.5	5.0	9.7	14.8	.4	4.2	2.4
	Administrative records <sup>3</sup> .....	72	-	.3	1.3	.3	.5	1.0	3.1	4.5	7.6	.1	1.7	1.7
	Legal form of organization:													
	Corporate.....	206	147	14.6	64.9	12.9	21.9	51.4	170.8	325.1	495.9	8.9	110.4	124.6
	Noncorporate, total.....	42	14	.9	2.9	.8	1.2	2.4	7.2	12.4	19.6	.5	4.4	2.8
	Individual <sup>4</sup> .....	30	7	.4	1.2	.4	.5	.9	3.3	5.2	8.5	.2	1.6	1.7
	Partnership.....	11	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>3</sup> .....	72	-	.3	1.3	.3	.5	1.0	3.1	4.5	7.6	.1	1.7	1.7
2032	Canned specialties, total .....	175	83	27.2	157.3	22.4	45.0	115.1	<sup>4</sup> 602.1	760.5	<sup>4</sup> 361.9	28.1	224.6	248.3
	Type of operation:													
	Multiunit companies, total.....	60	55	24.6	145.4	20.3	40.6	106.5	569.3	711.4	279.8	26.4	212.8	234.7
	Corporate ownership or control...	59	54	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	68	28	2.5	11.5	2.1	4.2	8.3	31.7	47.5	79.5	1.7	11.3	13.1
	Corporate ownership or control...	45	25	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	23	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>3</sup> .....	47	-	.1	.4	.1	.2	.3	1.1	1.5	2.6	.1	.5	.5
	Legal form of organization:													
	Corporate.....	104	79	26.9	155.8	22.1	44.4	114.0	589.6	755.4	353.3	27.7	223.3	246.9
	Noncorporate, total.....	24	4	.3	1.2	.2	.4	.9	2.4	3.6	6.0	.4	.9	.9
	Individual.....	21	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	3	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>3</sup> .....	47	-	.1	.4	.1	.2	.3	1.1	1.5	2.6	.1	.5	.5
2033	Canned fruits and vegetables, total..	1,223	732	100.1	473.8	88.9	174.0	376.0	<sup>4</sup> 1,413.3	2,065.4	<sup>4</sup> 3,467.8	101.9	972.6	1,085.9
	Type of operation:													
	Multiunit companies, total.....	468	427	75.5	366.8	67.6	135.0	297.9	1,129.6	1,632.7	2,751.5	82.4	801.6	887.1
	Corporate ownership or control...	420	381	66.8	321.8	59.7	120.4	259.6	992.1	1,414.8	2,397.7	75.2	649.8	719.6
	Noncorporate ownership.....	48	46	8.7	44.9	7.8	14.6	38.2	147.6	218.0	353.8	7.2	151.8	167.5
	Single unit companies, total.....	504	305	24.0	104.5	20.5	38.0	76.3	277.2	422.4	699.8	19.2	164.8	192.5
	Corporate ownership or control...	383	269	19.5	86.1	16.7	30.4	62.0	215.6	346.0	561.5	14.9	125.6	142.5
	Noncorporate ownership.....	121	36	4.5	18.3	3.8	7.5	14.3	61.7	76.4	138.2	4.4	39.1	49.9
	Administrative records <sup>3</sup> .....	251	-	.7	2.5	.7	1.1	1.9	6.4	10.2	16.6	.2	6.3	6.3
	Legal form of organization:													
	Corporate.....	803	650	86.2	408.0	76.4	150.8	321.6	1,207.6	1,760.8	2,959.3	90.1	775.4	862.2
	Noncorporate, total.....	169	82	13.2	63.3	11.6	22.1	52.5	199.3	294.4	492.0	11.6	190.9	217.4
	Individual.....	81	11	1.2	4.2	.9	1.9	3.2	12.1	16.6	28.7	.5	6.0	6.8
	Partnership.....	35	21	1.4	4.6	1.2	2.2	3.5	14.9	19.1	34.1	.7	8.2	9.8
	Other.....	53	50	10.6	54.5	9.6	18.1	45.8	172.3	258.7	429.2	10.4	176.7	200.8
	Administrative records <sup>3</sup> .....	251	-	.7	2.5	.7	1.1	1.9	6.4	10.2	16.6	.2	6.3	6.3
2034	Dehydrated food products, total .....	178	81	11.1	58.0	9.4	18.1	44.0	167.7	255.2	420.8	14.6	102.1	108.6
	Type of operation:													
	Multiunit companies, total.....	78	52	8.0	42.0	6.9	13.0	32.1	125.0	174.2	299.3	11.7	78.6	81.3
	Corporate ownership or control...	49	41	6.7	35.3	5.7	10.6	26.1	109.2	144.1	251.8	10.4	60.3	64.7
	Noncorporate ownership.....	29	11	1.3	6.7	1.2	2.4	6.0	15.8	30.1	47.5	1.3	18.3	16.6
	Single unit companies, total.....	55	29	2.9	15.4	2.5	4.8	11.4	41.0	79.1	118.0	2.7	22.5	26.3
	Corporate ownership or control...	43	27	2.7	14.2	2.3	4.5	10.5	37.5	74.8	110.2	2.5	20.2	23.9
	Noncorporate ownership.....	12	2	.2	1.1	.2	.3	.8	3.5	4.3	7.8	.2	2.4	2.4
	Administrative records <sup>3</sup> .....	45	-	.1	.6	.1	.2	.5	1.6	1.9	3.5	.2	1.0	1.0
	Legal form of organization:													
	Corporate.....	92	68	9.4	49.6	7.9	15.1	36.6	146.7	218.9	362.0	12.8	80.5	88.6
	Noncorporate, total.....	41	13	1.5	7.8	1.4	2.7	6.8	19.4	34.4	55.3	1.5	20.6	19.0
	Individual.....	8	1	.1	.2	.1	.1	.2	.4	1.0	1.4	(2)	.1	.1
	Partnership.....	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	31	11	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>3</sup> .....	45	-	.1	.6	.1	.2	.5	1.6	1.9	3.5	.2	1.0	1.0
2035	Pickles, sauces, and salad dressings, total .....	527	182	19.8	100.5	16.2	31.7	72.0	<sup>4</sup> 295.5	526.6	<sup>4</sup> 818.9	14.9	131.8	153.2
	Type of operation:													
	Multiunit companies, total.....	109	86	12.7	68.4	10.7	21.3	50.5	218.2	404.5	619.7	10.6	103.4	122.3
	Corporate ownership or control...	109	86	12.7	68.4	10.7	21.3	50.5	218.2	404.5	619.7	10.6	103.4	122.3
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	245	96	6.9	31.0	5.3	10.0	20.4	73.8	116.7	190.3	4.2	26.5	28.9
	Corporate ownership or control...	184	90	6.3	28.5	4.8	9.1	18.5	67.0	106.1	172.9	3.8	24.4	26.6
	Noncorporate ownership.....	61	6	.6	2.5	.5	.9	2.0	6.8	10.6	17.4	.4	2.2	2.3
	Administrative records <sup>3</sup> .....	173	-	.3	1.2	.3	.4	1.1	3.5	5.4	8.9	.1	1.9	1.9
	Legal form of organization:													
	Corporate.....	293	176	19.0	96.9	15.4	30.4	68.9	285.2	510.3	792.6	14.4	127.7	149.0
	Noncorporate, total.....	61	6	.6	2.5	.5	.9	2.0	6.8	10.6	17.4	.4	2.2	2.3
	Individual.....	44	3	.3	1.3	.3	.5	1.1	3.9	6.2	10.1	.3	1.3	1.3
	Partnership.....	15	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>3</sup> .....	173	-	.3	1.2	.3	.4	1.1	3.5	5.4	8.9	.1	1.9	1.9

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967-Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new <sup>2</sup> (million dollars)	Inventories end of-	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
2036	Fresh or frozen packaged fish, total	497	241	21.4	77.2	19.4	32.8	60.0	164.9	393.8	557.4	8.7	69.7	75.2
	Type of operation:													
	Multiunit companies, total.....	86	72	9.0	36.0	7.9	14.4	26.5	81.0	219.5	299.1	4.8	48.6	49.8
	Corporate ownership or control...	82	69	8.9	35.4	7.8	14.2	26.0	79.8	214.3	292.2	(D)	48.5	49.6
	Noncorporate ownership.....	4	3	.2	.6	.2	.2	.4	1.2	5.2	6.5	(0)	.1	.1
	Single unit companies, total.....	258	169	11.5	38.5	10.6	17.1	31.4	77.6	164.5	242.1	3.6	19.5	23.8
	Corporate ownership or control...	189	141	10.1	35.2	9.3	15.4	28.3	71.0	152.3	223.6	(0)	18.5	22.8
	Noncorporate ownership.....	69	28	1.4	3.4	1.4	1.7	3.1	6.5	12.2	18.5	(0)	1.0	1.0
	Administrative records <sup>e</sup> .....	153	-	.8	2.6	.8	1.3	2.1	6.3	9.8	16.1	.3	1.6	1.6
	Legal form of organization:													
	Corporate.....	271	210	18.9	70.5	17.1	29.6	54.3	150.8	366.6	516.2	8.0	67.0	72.4
	Noncorporate, total.....	73	31	1.6	4.0	1.5	2.0	3.5	7.8	17.5	25.0	.4	1.1	1.1
	Individual.....	53	18	.9	2.1	.8	1.1	1.8	3.6	8.1	11.5	.1	.8	.7
	Partnership.....	16	10	.6	1.4	.6	.7	1.3	2.3	4.4	6.7	(D)	.3	.4
	Other.....	4	3	.1	.5	.1	.2	.4	1.9	4.9	6.8	(0)	.1	.1
	Administrative records <sup>e</sup> .....	153	-	.8	2.6	.8	1.3	2.1	6.3	9.8	16.1	.3	1.6	1.6
2037	Frozen fruits and vegetables, total	608	363	64.5	295.2	56.4	110.7	230.4	763.7	1,316.8	2,081.6	75.2	351.6	361.7
	Type of operation:													
	Multiunit companies, total.....	224	200	48.8	224.6	43.1	85.3	178.5	593.5	996.2	1,590.6	60.4	276.5	273.1
	Corporate ownership or control...	219	195	47.6	218.9	42.0	83.1	173.4	587.3	971.4	1,559.7	(D)	263.1	257.4
	Noncorporate ownership.....	5	5	1.2	5.6	1.1	2.3	5.0	6.2	24.7	30.9	(0)	13.4	15.8
	Single unit companies, total.....	271	163	15.4	69.3	13.0	24.8	50.9	164.1	315.0	479.3	14.5	73.0	86.5
	Corporate ownership or control...	211	147	12.4	55.6	10.4	19.1	39.9	126.3	220.9	347.2	(0)	47.1	53.6
	Noncorporate ownership.....	60	16	3.0	13.8	2.6	5.7	10.9	37.9	94.1	132.1	(0)	25.9	32.9
	Administrative records <sup>e</sup> .....	113	-	.3	1.4	.3	.5	1.0	6.1	5.6	11.7	.3	2.2	2.1
	Legal form of organization:													
	Corporate.....	430	342	60.0	274.5	52.4	102.2	213.3	713.6	1,192.3	1,906.9	69.3	310.2	311.0
	Noncorporate, total.....	65	21	4.2	19.4	3.7	7.9	16.0	44.0	118.9	163.0	5.7	39.3	48.7
	Individual.....	42	4	.4	1.5	.3	.6	1.2	4.0	5.7	9.6	.3	.8	.9
	Partnership.....	11	6	.5	1.7	.4	.6	1.4	4.5	11.4	15.9	.2	3.7	1.2
	Other.....	12	11	3.4	16.1	3.0	6.7	13.3	35.6	101.8	137.5	5.2	34.8	46.5
	Administrative records <sup>e</sup> .....	113	-	.3	1.4	.3	.5	1.0	6.1	5.6	11.7	.3	2.2	2.1
2041	Flour and other grain mill products, total	541	213	20.5	142.9	14.8	33.2	95.5	491.3	1,966.0	2,457.4	26.3	212.0	192.4
	Type of operation:													
	Multiunit companies, total.....	182	158	16.0	116.2	11.7	26.2	79.7	423.6	1,693.1	2,117.1	22.3	184.5	166.0
	Corporate ownership or control...	176	154	15.8	115.1	11.6	25.9	79.0	420.5	1,676.5	2,097.4	22.2	183.3	164.7
	Noncorporate ownership.....	6	4	.2	1.1	.1	.3	.7	3.1	16.6	19.6	.1	1.2	1.3
	Single unit companies, total.....	152	55	4.1	24.7	2.7	6.2	14.3	61.6	257.7	319.1	3.7	24.8	23.7
	Corporate ownership or control...	102	50	3.4	21.7	2.3	5.3	12.6	54.0	228.2	282.1	3.3	22.5	21.4
	Noncorporate ownership.....	50	5	.7	3.0	.4	.9	1.7	7.5	29.5	37.0	.4	2.4	2.3
	Administrative records <sup>e</sup> .....	207	-	.4	2.0	.4	.8	1.5	6.1	15.1	21.3	.3	2.6	2.6
	Legal form of organization:													
	Corporate.....	278	204	19.2	136.8	13.9	31.2	91.6	474.5	1,904.7	2,379.5	25.5	205.8	186.1
	Noncorporate, total.....	56	9	.8	4.1	.5	1.2	2.4	10.6	46.2	56.6	.5	3.6	3.7
	Individual.....	38	3	.3	1.4	.2	.5	.9	2.9	7.8	10.7	.1	1.0	1.0
	Partnership.....	13	3	.3	1.2	.2	.4	.8	3.1	10.1	13.3	(0)	1.1	1.0
	Other.....	5	3	.3	1.6	.1	.3	.7	4.6	28.2	32.6	(D)	1.5	1.6
	Administrative records <sup>e</sup> .....	207	-	.4	2.0	.4	.8	1.5	6.1	15.1	21.3	.3	2.6	2.6
2042	Prepared feeds for animals and fowls, total	2,355	721	53.3	325.9	34.6	75.3	187.1	1,226.8	3,579.5	4,796.9	75.6	270.7	277.6
	Type of operation:													
	Multiunit companies, total.....	795	439	34.5	219.9	22.1	48.5	128.4	934.4	2,638.8	3,565.4	58.3	198.4	204.9
	Corporate ownership or control...	688	393	31.3	202.1	19.9	43.6	116.8	867.1	2,307.2	3,168.2	51.5	178.8	183.5
	Noncorporate ownership.....	107	46	3.2	17.8	2.2	4.8	11.6	67.3	331.6	397.2	6.8	19.7	21.4
	Single unit companies, total.....	975	282	17.5	99.9	11.3	25.0	54.7	268.6	883.8	1,150.8	15.9	65.0	65.4
	Corporate ownership or control...	702	250	15.0	87.2	9.4	20.9	45.9	230.4	749.8	978.9	13.9	54.9	55.7
	Noncorporate ownership.....	273	32	2.6	12.8	1.9	4.1	8.9	38.3	133.9	171.9	2.0	10.1	9.7
	Administrative records <sup>e</sup> .....	585	-	1.2	6.1	1.2	1.8	4.0	23.8	56.9	80.7	1.4	7.3	7.3
	Legal form of organization:													
	Corporate.....	1,390	643	46.3	289.3	29.3	64.6	162.6	1,097.5	3,057.0	4,147.1	65.3	233.7	239.2
	Noncorporate, total.....	380	78	5.8	30.6	4.1	8.9	20.5	105.6	465.5	569.0	8.8	29.7	31.1
	Individual.....	196	7	1.3	6.1	1.0	2.1	4.3	17.2	45.8	62.9	.8	4.4	4.7
	Partnership.....	74	23	1.2	5.7	.9	1.8	4.0	19.0	63.3	82.0	.9	4.6	4.2
	Other.....	110	48	3.4	18.8	2.3	5.1	12.2	69.4	356.5	424.1	7.2	20.8	22.2
	Administrative records <sup>e</sup> .....	585	-	1.2	6.1	1.2	1.8	4.0	23.8	56.9	80.7	1.4	7.3	7.3
2043	Cereal preparations, total	45	28	12.2	93.8	10.1	20.2	71.9	473.3	322.7	793.0	18.4	52.9	54.7
	Type of operation:													
	Multiunit companies, total.....	28	24	(0)	(0)	(D)	(D)	(D)	(0)	(0)	(0)	(D)	(D)	(D)
	Corporate ownership or control...	28	24	(D)	(D)	(0)	(0)	(0)	(D)	(D)	(D)	(D)	(0)	(D)
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	9	4	(0)	(D)	(0)	(D)	(D)	(0)	(D)	(D)	(D)	(D)	(D)
	Corporate ownership or control...	6	3	(D)	(D)	(0)	(D)	(D)	(0)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	3	1	(D)	(D)	(0)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(0)
	Administrative records <sup>e</sup> .....	8	-	(Z)	.1	(Z)	(Z)	.1	.2	.2	.5	(0)	.1	.1
	Legal form of organization:													
	Corporate.....	34	27	(0)	(D)	(0)	(D)	(D)	(0)	(D)	(0)	(D)	(D)	(D)
	Noncorporate, total.....	3	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(0)	(0)
	Individual.....	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	8	-	(Z)	.1	.1	(Z)	.1	.2	.2	.5	(D)	.1	.1

See footnotes at end of table.



TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967-Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new <sup>2</sup> (million dollars)	Inventories end of--	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
2044	Rice milling, total.....	68	46	4.2	24.4	3.2	7.2	15.0	103.8	447.2	548.4	9.8	112.3	123.0
	Type of operation:													
	Multiunit companies, total.....	27	22	2.7	16.6	2.0	4.7	10.2	79.5	280.9	355.9	5.9	72.4	79.3
	Corporate ownership or control...	16	15	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	11	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	32	24	1.5	7.7	1.1	2.5	4.8	24.1	165.5	191.5	3.9	39.6	43.4
	Corporate ownership or control...	26	22	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	6	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	9	-	(Z)	.1	(Z)	(Z)	.1	.2	.8	1.1	(Z)	.2	.2
	Legal form of organization:													
	Corporate.....	42	37	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	17	9	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual.....	4	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	13	9	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	9	-	(Z)	.1	(Z)	(Z)	.1	.2	.8	1.1	(Z)	.2	.2
2045	Blended and prepared flour, total....	148	56	7.5	55.0	5.5	11.3	35.4	233.1	314.9	547.5	10.5	37.1	37.5
	Type of operation:													
	Multiunit companies, total.....	51	43	6.5	48.4	4.8	10.0	32.0	219.6	287.3	506.4	10.0	33.9	34.3
	Corporate ownership or control...	50	43	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	52	13	.9	6.1	.6	1.3	3.2	12.4	25.8	38.2	.4	3.0	3.0
	Corporate ownership or control...	43	12	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	9	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	45	-	.1	.5	.1	.1	.3	1.1	1.8	2.9	(Z)	.3	.3
	Legal form of organization:													
	Corporate.....	93	55	7.3	54.0	5.4	11.1	34.8	231.1	311.8	542.4	10.4	36.7	37.1
	Noncorporate, total.....	10	1	.1	.5	.1	.2	.4	.8	1.3	2.1	(Z)	.1	.2
	Individual.....	10	1	.1	.5	.1	.2	.4	.8	1.3	2.1	(Z)	.1	.2
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	45	-	.1	.5	.1	.1	.3	1.1	1.8	2.9	(Z)	.3	.3
2046	Wet corn milling, total.....	45	23	14.1	116.1	9.8	20.3	75.2	353.6	401.7	751.3	40.5	77.4	77.3
	Type of operation:													
	Multiunit companies, total.....	27	20	13.9	114.8	9.7	20.0	74.2	347.3	395.7	739.9	40.2	76.6	75.4
	Corporate ownership or control...	27	20	13.9	114.8	9.7	20.0	74.2	347.3	395.7	739.9	40.2	76.6	75.4
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	12	3	.2	1.3	.2	.3	.9	6.2	5.9	11.1	.2	.7	1.9
	Corporate ownership or control...	10	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	6	-	(Z)	(Z)	(Z)	(Z)	(Z)	.1	.2	.3	-	.1	.1
	Legal form of organization:													
	Corporate.....	37	23	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	6	-	(Z)	(Z)	(Z)	(Z)	(Z)	.1	.2	.3	-	.1	.1
2051	Bread, cake, and related products, total.....	4,042	1,608	221.7	1,414.0	125.3	252.3	710.8	2,753.0	2,349.5	5,102.7	127.9	129.4	139.1
	Type of operation:													
	Multiunit companies, total.....	935	842	156.7	1,036.5	86.8	175.9	518.6	2,066.0	1,782.9	3,849.0	97.6	97.6	103.1
	Corporate ownership or control...	900	832	155.9	1,033.1	86.3	174.8	516.3	2,057.7	1,777.3	3,835.1	97.3	97.2	102.8
	Noncorporate ownership.....	35	10	.8	3.5	.5	1.0	2.3	8.3	5.6	13.9	.2	.3	.4
	Single unit companies, total.....	1,556	766	62.3	363.0	36.1	73.4	182.9	650.9	534.6	1,185.6	29.8	30.0	34.1
	Corporate ownership or control...	951	637	53.1	321.6	29.9	61.1	156.1	577.0	475.0	1,052.0	26.2	26.9	30.5
	Noncorporate ownership.....	605	129	9.2	41.3	6.2	12.3	26.8	73.9	59.7	133.6	3.6	3.1	3.7
	Administrative records <sup>e</sup> .....	1,551	-	2.7	14.5	2.4	3.0	9.3	36.1	32.0	68.1	.6	1.8	1.8
	Legal form of organization:													
	Corporate.....	1,851	1,469	209.0	1,354.7	116.3	236.0	672.4	2,634.7	2,252.2	4,887.1	123.5	124.1	133.2
	Noncorporate, total.....	640	139	10.0	44.8	6.7	13.3	29.0	82.1	65.3	147.5	3.8	3.4	4.0
	Individual.....	459	57	4.9	20.4	3.3	6.4	13.6	37.8	30.3	68.1	1.7	1.6	2.0
	Partnership.....	172	77	4.7	22.4	3.2	6.4	14.5	40.9	31.1	72.0	2.0	1.7	1.8
	Other.....	9	5	.4	1.9	.2	.5	1.0	3.5	4.0	7.4	.2	.2	.2
	Administrative records <sup>e</sup> .....	1,551	-	2.7	14.5	2.4	3.0	9.3	36.1	32.0	68.1	.6	1.8	1.8
2052	Cookies and crackers, total.....	348	200	42.5	250.8	34.2	67.8	180.7	741.6	623.7	1,363.8	24.0	72.3	74.0
	Type of operation:													
	Multiunit companies, total.....	119	110	34.4	210.8	27.7	55.4	154.8	664.5	530.2	1,193.7	19.7	61.7	62.3
	Corporate ownership or control...	118	109	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	163	90	7.9	39.3	6.3	12.2	25.5	75.6	92.0	167.0	4.3	10.4	11.5
	Corporate ownership or control...	124	84	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	39	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	66	-	.2	.7	.2	.2	.5	1.5	1.5	3.0	(Z)	.2	.2
	Legal form of organization:													
	Corporate.....	242	193	41.7	247.1	33.6	66.6	178.1	733.6	616.2	1,348.3	23.6	71.6	73.3
	Noncorporate, total.....	40	7	.6	3.0	.5	1.0	2.1	6.4	6.0	12.4	.4	.5	.5
	Individual.....	31	4	.3	1.4	.3	.5	1.0	2.8	2.8	5.6	.2	.2	.2
	Partnership.....	9	3	.3	1.6	.2	.4	1.1	3.6	3.2	6.8	.2	.2	.3
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	66	-	.2	.7	.2	.2	.5	1.5	1.5	3.0	(Z)	.2	.2

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967—Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new <sup>2</sup> (million dollars)	Inventories end of—	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
2061	Raw cane sugar, total.....	83	74	7.9	48.5	6.2	14.5	35.4	133.8	238.7	368.5	21.4	27.1	33.6
	Type of operation:													
	Multiunit companies, total.....	37	37	5.2	33.7	3.9	8.7	24.1	96.1	157.8	249.3	13.1	9.6	16.6
	Corporate ownership or control...	37	37	5.2	33.7	3.9	8.7	24.1	96.1	157.8	249.3	13.1	9.6	16.6
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	41	37	2.8	14.7	2.3	5.7	11.4	37.6	80.8	119.1	8.3	17.5	17.0
	Corporate ownership or control...	24	22	1.5	8.1	1.2	3.1	6.0	14.5	39.2	57.5	2.6	10.2	6.6
	Noncorporate ownership.....	17	15	1.2	6.6	1.0	2.7	5.4	23.1	41.6	61.6	5.7	7.3	10.4
	Administrative records <sup>e</sup> .....	5	-	(2)	(2)	(2)	(2)	(2)	.1	.1	.2	(2)	(2)	(2)
	Legal form of organization:													
	Corporate.....	61	59	6.7	41.9	5.1	11.8	30.0	110.7	197.0	306.8	15.7	19.8	23.2
	Noncorporate, total.....	17	15	1.2	6.6	1.0	2.7	5.4	23.1	41.6	61.6	5.7	7.3	10.4
	Individual <sup>e</sup> .....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	5	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	11	11	1.0	5.5	.8	2.2	4.4	20.5	35.7	53.2	5.5	6.7	9.8
	Administrative records <sup>e</sup> .....	5	-	(2)	(2)	(2)	(2)	(2)	.1	.1	.2	(2)	(2)	(2)
2062	Cane sugar refining, total.....	34	27	11.5	92.7	8.7	18.7	69.2	308.5	1,081.0	1,375.7	24.1	133.4	165.5
	Type of operation:													
	Multiunit companies, total.....	29	25	11.3	91.3	8.5	18.3	68.1	303.3	1,072.6	1,363.3	23.6	129.9	160.8
	Corporate ownership or control...	27	23	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	3	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Corporate ownership or control...	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Legal form of organization:													
	Corporate.....	28	24	9.6	78.0	7.1	15.8	58.0	262.6	933.1	183.2	20.3	95.1	121.7
	Noncorporate, total.....	4	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual <sup>e</sup> .....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	3	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2063	Beet sugar, total.....	65	61	11.5	68.4	10.1	20.3	56.3	209.7	343.0	560.7	35.7	198.9	192.3
	Type of operation:													
	Multiunit companies, total.....	62	61	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Corporate ownership or control...	62	61	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Corporate ownership or control...	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership <sup>e</sup> .....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Legal form of organization:													
	Corporate.....	64	61	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual <sup>e</sup> .....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	-	-	-	-	-	-	-	-	-	-	-	-	-
2071	Confectionery products, total.....	1,183	424	67.9	338.7	57.1	109.3	246.4	861.5	1,019.5	1,870.2	53.0	218.1	229.7
	Type of operation:													
	Multiunit companies, total.....	242	179	46.1	242.4	38.8	74.3	177.6	647.4	762.7	1,402.0	42.6	169.9	177.3
	Corporate ownership or control...	230	178	46.0	242.1	38.7	74.1	177.4	646.7	761.7	1,400.3	42.6	169.7	177.0
	Noncorporate ownership.....	12	1	.1	.4	.1	.2	.3	.7	1.0	1.7	.1	.2	.2
	Single unit companies, total.....	442	245	20.6	91.9	17.2	33.2	65.4	202.7	242.5	442.5	9.9	44.6	48.8
	Corporate ownership or control...	337	224	19.2	85.9	16.0	30.8	60.7	186.9	223.4	407.8	9.3	41.7	45.4
	Noncorporate ownership.....	105	21	1.4	6.0	1.2	2.4	4.6	15.9	19.1	34.7	.6	2.9	3.4
	Administrative records <sup>e</sup> .....	499	-	1.2	4.4	1.2	1.8	3.4	11.4	14.3	25.7	.5	3.6	3.6
	Legal form of organization:													
	Corporate.....	567	402	65.2	328.0	54.6	105.0	238.1	833.6	985.1	1,808.1	51.9	211.4	222.4
	Noncorporate, total.....	117	22	1.6	6.4	1.3	2.6	4.9	16.6	20.1	36.4	.7	3.1	3.6
	Individual <sup>e</sup> .....	87	6	.7	2.5	.6	1.2	2.0	5.3	6.3	11.6	.3	1.1	1.3
	Partnership.....	29	15	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	499	-	1.2	4.4	1.2	1.8	3.4	11.4	14.3	25.7	.5	3.6	3.6
2072	Chocolate and cocoa products, total	34	23	8.4	53.9	6.6	13.4	39.2	196.2	330.3	520.5	9.3	102.3	102.1
	Type of operation:													
	Multiunit companies, total.....	19	16	7.3	47.5	5.8	11.7	34.8	181.4	289.6	464.8	8.5	95.0	95.3
	Corporate ownership or control...	19	16	7.3	47.5	5.8	11.7	34.8	181.4	289.6	464.8	8.5	95.0	95.3
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	12	7	1.1	6.4	.9	1.7	4.4	14.8	40.6	55.5	.8	7.3	6.8
	Corporate ownership or control...	11	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	3	-	(2)	(2)	(2)	(2)	(2)	(2)	.1	.2	(2)	(2)	(2)
	Legal form of organization:													
	Corporate.....	30	23	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual <sup>e</sup> .....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	3	-	(2)	(2)	(2)	(2)	(2)	(2)	.1	.2	(2)	(2)	(2)

See footnotes at end of table.



TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967—Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new <sup>2</sup> (million dollars)	Inventories end of--	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
2073	Chewing gum, total.....	23	16	6.8	41.6	4.9	9.7	26.5	190.3	115.1	303.7	13.3	59.4	63.6
	Type of operation:													
	Multiunit companies, total.....	11	10	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Corporate ownership or control...	11	10	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	10	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Corporate ownership or control...	10	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>3</sup> .....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Legal form of organization:													
	Corporate.....	21	16	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Individual.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>3</sup> .....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2082	Malt liquors, total.....	185	150	59.6	519.7	40.0	76.8	331.4	1,545.7	1,383.6	2,929.7	140.4	158.8	166.5
	Type of operation:													
	Multiunit companies, total.....	106	101	54.0	479.0	36.4	69.5	306.7	1,423.9	1,275.1	2,700.0	130.5	146.1	152.6
	Corporate ownership or control...	106	101	54.0	479.0	36.4	69.5	306.7	1,423.9	1,275.1	2,700.0	130.5	146.1	152.6
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	64	49	5.6	40.5	3.5	7.3	24.6	121.3	108.1	228.9	9.8	12.7	13.8
	Corporate ownership or control...	57	49	5.5	40.3	3.5	7.2	24.4	120.8	107.6	227.9	9.8	12.6	13.7
	Noncorporate ownership <sup>4</sup> .....	7	-	(Z)	.2	(Z)	(Z)	.1	.5	.5	1.0	(Z)	.1	.1
	Administrative records <sup>3</sup> .....	15	-	(Z)	.1	(Z)	(Z)	.1	.5	.4	.8	(Z)	.1	.1
	Legal form of organization:													
	Corporate.....	163	150	59.5	519.3	39.9	76.8	331.1	1,544.7	1,382.8	2,927.9	140.3	158.7	166.3
	Noncorporate, total <sup>5</sup> .....	7	-	(Z)	.2	(Z)	(Z)	.1	.5	.5	1.0	(Z)	.1	.1
	Individual <sup>6</sup> .....	7	-	(Z)	.2	(Z)	(Z)	.1	.5	.5	1.0	(Z)	.1	.1
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>3</sup> .....	15	-	(Z)	.1	(Z)	(Z)	.1	.5	.4	.8	(Z)	.1	.1
2083	Malt, total.....	43	30	2.0	17.1	1.5	3.1	12.7	47.5	168.5	216.5	7.1	86.4	87.9
	Type of operation:													
	Multiunit companies, total.....	32	25	1.8	15.0	1.3	2.8	11.2	42.2	153.3	196.5	7.0	82.5	84.0
	Corporate ownership or control...	30	23	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	9	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Corporate ownership or control...	8	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>3</sup> .....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Legal form of organization:													
	Corporate.....	38	28	1.8	15.1	1.4	2.8	11.4	42.3	148.8	190.4	4.7	77.3	78.4
	Noncorporate, total.....	3	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Partnership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>3</sup> .....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2084	Wines, brandy, and brandy spirits, total.....	205	68	6.8	47.3	4.3	8.6	25.1	<sup>3</sup> 196.8	235.8	<sup>3</sup> 410.2	10.3	138.2	162.3
	Type of operation:													
	Multiunit companies, total.....	52	30	4.1	29.3	2.6	5.3	15.6	136.6	171.5	286.6	7.6	86.8	109.7
	Corporate ownership or control...	30	20	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	22	10	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	100	38	2.5	17.4	1.6	3.2	9.2	58.9	62.6	120.6	2.7	50.1	51.3
	Corporate ownership or control...	76	32	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	24	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>3</sup> .....	53	-	.1	.5	.1	.1	.4	1.3	1.7	3.0	.1	1.3	1.3
	Legal form of organization:													
	Corporate.....	106	52	5.0	36.1	3.2	6.5	18.1	147.1	154.4	280.0	8.0	97.0	120.0
	Noncorporate, total.....	46	16	1.6	10.7	1.0	2.0	6.6	48.4	79.7	127.2	2.3	39.9	41.0
	Individual <sup>6</sup> .....	12	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	3	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	31	13	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>3</sup> .....	53	-	.1	.5	.1	.1	.4	1.3	1.7	3.0	.1	1.3	1.3
2085	Distilled liquor, except brandy, total.....	112	95	19.4	141.6	15.6	31.9	104.0	<sup>4</sup> 736.7	639.3	<sup>4</sup> 1,364.2	27.0	741.5	791.2
	Type of operation:													
	Multiunit companies, total.....	68	63	17.3	128.0	14.1	29.1	96.9	678.0	531.6	1,198.0	24.9	704.9	751.9
	Corporate ownership or control...	68	63	17.3	128.0	14.1	29.1	96.9	678.0	531.6	1,198.0	24.9	704.9	751.9
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	38	32	2.1	13.6	1.4	2.7	7.0	58.5	107.5	165.7	2.0	36.4	39.1
	Corporate ownership or control...	35	32	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>3</sup> .....	6	-	(Z)	.1	(Z)	(Z)	(Z)	.2	.3	.5	(Z)	.2	.2
	Legal form of organization:													
	Corporate.....	103	95	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual.....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>3</sup> .....	6	-	(Z)	.1	(Z)	(Z)	(Z)	.2	.3	.5	(Z)	.2	.2

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967-Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new <sup>2</sup>	Inventories end of-	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1966	1967
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
2086	Bottled and canned soft drinks, total.....	3,400	1,691	123.3	726.7	46.6	95.3	219.3	1,679.4	1,506.0	3,173.2	168.1	158.1	186.8
	Type of operation:													
	Multiunit companies, total.....	577	501	53.9	351.2	18.9	39.7	102.8	855.3	762.8	1,610.5	92.9	75.4	92.6
	Corporate ownership or control...	567	493	52.8	344.8	18.5	38.7	100.6	839.5	742.9	1,575.2	92.4	73.2	89.2
	Noncorporate ownership.....	10	8	1.0	6.4	.4	.9	2.2	15.8	19.9	35.2	.4	2.1	3.4
	Single unit companies, total.....	2,053	1,190	67.6	366.5	26.5	54.0	113.4	799.1	721.7	1,516.1	74.3	79.5	91.0
	Corporate ownership or control...	1,683	1,086	60.7	334.4	23.7	48.4	102.4	726.9	656.1	1,378.9	68.7	72.2	82.7
	Noncorporate ownership.....	370	104	6.9	32.2	2.8	5.6	11.0	72.2	65.6	137.2	5.6	7.3	8.4
	Administrative records <sup>e</sup> .....	770	-	1.8	8.9	1.2	1.7	3.0	25.0	21.5	46.5	.9	3.2	3.2
	Legal form of organization:													
	Corporate.....	2,250	1,579	113.5	679.2	42.1	87.1	203.1	1,566.4	1,399.0	2,954.1	161.1	145.5	171.8
	Noncorporate, total.....	380	112	8.0	38.6	3.2	6.5	13.2	88.0	85.5	172.5	6.0	9.4	11.8
	Individual.....	219	29	2.5	11.6	1.1	2.1	4.0	25.3	23.9	48.9	1.8	2.4	2.8
	Partnership.....	152	78	5.0	24.0	2.0	4.1	8.4	57.0	55.1	111.8	4.1	5.6	6.4
	Other.....	9	5	.5	3.0	.2	.3	.8	5.6	6.4	11.7	.1	1.4	2.6
	Administrative records <sup>e</sup> .....	770	-	1.8	8.9	1.2	1.7	3.0	25.0	21.5	46.5	.9	3.2	3.2
2087	Flavoring extracts and sirups, nec., total.....	431	110	9.7	73.0	5.5	11.0	33.0	584.0	429.8	1,009.1	17.4	105.6	113.3
	Type of operation:													
	Multiunit companies, total.....	89	62	6.3	48.4	3.6	7.3	22.8	523.3	364.3	883.7	15.0	91.2	97.4
	Corporate ownership or control...	89	62	6.3	48.4	3.6	7.3	22.8	523.3	364.3	883.7	15.0	91.2	97.4
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	175	48	3.1	23.1	1.7	3.5	9.4	55.8	60.1	115.1	2.2	13.0	14.5
	Corporate ownership or control...	147	48	3.0	22.2	1.6	3.3	8.9	53.1	56.8	109.2	2.1	12.5	13.9
	Noncorporate ownership.....	28	-	.2	.8	.1	.2	.5	2.7	3.3	5.9	.1	.5	.6
	Administrative records <sup>e</sup> .....	167	-	.2	1.5	.2	.3	.8	4.9	5.3	10.3	.2	1.3	1.3
	Legal form of organization:													
	Corporate.....	236	110	9.2	70.6	5.2	10.5	31.7	576.4	421.1	992.9	17.1	103.7	111.3
	Noncorporate, total.....	28	-	.2	.8	.1	.2	.5	2.7	3.3	5.9	.1	.5	.6
	Individual <sup>e</sup> .....	23	-	.1	.5	.1	.1	.3	1.6	1.9	3.5	.1	.3	.4
	Partnership.....	5	-	.1	.3	(Z)	.1	.2	1.0	1.4	2.5	(Z)	.2	.2
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	167	-	.2	1.5	.2	.3	.8	4.9	5.3	10.3	.2	1.3	1.3
2091	Cottonseed oil mills, total.....	150	112	5.4	26.5	4.2	9.4	17.1	65.4	338.8	405.9	4.9	103.1	99.4
	Type of operation:													
	Multiunit companies, total.....	84	72	3.6	18.0	2.7	6.0	11.2	49.0	242.1	292.0	2.0	76.2	75.2
	Corporate ownership or control...	78	66	3.1	14.8	2.3	5.0	8.9	41.8	200.4	241.8	1.5	52.5	48.1
	Noncorporate ownership.....	6	6	.5	3.2	.4	.9	2.3	7.2	41.7	50.1	.5	23.7	27.1
	Single unit companies, total.....	54	40	1.8	8.4	1.5	3.4	5.8	16.2	95.9	112.9	2.9	26.6	23.9
	Corporate ownership or control...	38	30	1.3	6.0	1.0	2.4	4.1	10.8	70.8	82.5	1.6	17.8	15.7
	Noncorporate ownership.....	16	10	.5	2.4	.4	1.0	1.7	5.5	25.0	30.4	1.3	8.8	8.3
	Administrative records <sup>e</sup> .....	12	-	(Z)	.1	(Z)	(Z)	.1	.2	.8	.9	(Z)	.2	.2
	Legal form of organization:													
	Corporate.....	116	96	4.4	20.8	3.3	7.4	13.0	52.5	271.2	324.4	3.1	70.3	63.8
	Noncorporate, total.....	22	16	1.0	5.5	.9	2.0	3.9	12.6	66.7	80.5	1.8	32.5	35.3
	Individual <sup>e</sup> .....	5	-	(Z)	.1	(Z)	.1	.1	.1	.9	1.0	(Z)	.2	.2
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	17	16	1.0	5.4	.9	1.9	3.9	12.6	65.9	79.6	1.8	32.3	35.1
	Administrative records <sup>e</sup> .....	12	-	(Z)	.1	(Z)	(Z)	.1	.2	.8	.9	(Z)	.2	.2
2092	Soybean oil mills, total.....	102	78	8.0	54.9	5.5	12.2	34.4	215.4	1,933.4	2,148.3	21.2	280.3	347.7
	Type of operation:													
	Multiunit companies, total.....	73	69	7.5	51.6	5.1	11.3	32.4	205.2	1,855.7	2,059.6	19.1	264.2	334.3
	Corporate ownership or control...	65	61	6.5	45.3	4.4	9.8	28.4	123.9	1,624.9	1,789.6	17.0	194.2	230.1
	Noncorporate ownership.....	8	8	1.0	6.3	.7	1.6	4.1	81.3	230.8	270.0	2.1	70.0	104.2
	Single unit companies, total.....	20	9	.6	3.2	.4	.9	2.0	10.1	77.2	88.1	2.1	16.0	13.3
	Corporate ownership or control...	11	6	.3	1.6	.2	.4	1.0	5.6	26.9	32.4	.5	4.9	3.8
	Noncorporate ownership.....	9	3	.3	1.7	.2	.4	1.0	4.5	50.3	55.8	1.5	11.1	9.5
	Administrative records <sup>e</sup> .....	9	-	(Z)	(Z)	(Z)	(Z)	(Z)	.1	.5	.6	(Z)	.1	.1
	Legal form of organization:													
	Corporate.....	76	67	6.7	46.9	4.6	10.2	29.4	129.5	1,651.8	1,822.0	17.5	199.1	233.9
	Noncorporate, total.....	17	11	1.3	8.0	.9	2.0	5.1	85.8	281.1	325.8	3.6	81.1	113.7
	Individual.....	4	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	11	10	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	9	-	(Z)	(Z)	(Z)	(Z)	(Z)	.1	.5	.6	(Z)	.1	.1
2093	Vegetable oil mills, nec, total.....	41	18	1.7	10.8	1.4	3.1	7.9	41.8	198.2	236.7	1.9	46.0	51.0
	Type of operation:													
	Multiunit companies, total.....	24	15	1.3	9.0	1.1	2.3	6.6	36.5	173.2	205.4	1.3	42.8	47.9
	Corporate ownership or control...	21	13	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	3	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	13	3	.4	1.7	.3	.7	1.3	5.2	24.8	31.0	.5	3.1	3.1
	Corporate ownership or control...	12	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	4	-	(Z)	(Z)	(Z)	(Z)	(Z)	.1	.2	.3	(Z)	.1	.1
	Legal form of organization:													
	Corporate.....	33	16	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	44.7
	Noncorporate, total.....	4	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual.....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	4	-	(Z)	(Z)	(Z)	(Z)	(Z)	.1	.2	.3	(Z)	.1	.1

See footnotes at end of table.



TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967—Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new <sup>2</sup> (million dollars)	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1966	1967
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					(million dollars)	(million dollars)
2094	Animal and marine fats and oils, total	588	226	13.7	91.3	9.5	21.7	58.2	206.0	349.1	557.9	21.7	32.3	28.9
	Type of operation:													
	Multiunit companies, total.....	177	116	7.3	48.7	4.8	11.0	30.1	108.3	212.4	325.0	14.7	22.3	18.2
	Corporate ownership or control...	160	105	6.9	46.4	4.4	10.2	28.3	103.5	205.9	313.7	14.4	21.9	17.7
	Noncorporate ownership.....	17	11	.4	2.3	.3	.8	1.7	4.8	6.5	11.3	.3	.4	.5
	Single unit companies, total.....	325	110	6.2	41.4	4.6	10.3	27.3	94.5	133.3	226.4	6.9	9.6	10.3
	Corporate ownership or control...	243	108	5.6	38.1	4.1	9.2	24.5	86.0	124.4	209.3	6.5	9.1	9.5
	Noncorporate ownership.....	82	2	.6	3.4	.5	1.1	2.7	8.5	8.9	17.1	.5	.5	.8
	Administrative records <sup>2</sup> .....	86	-	.2	1.2	.2	.3	.9	3.1	3.3	6.5	.1	.4	.4
	Legal form of organization:													
	Corporate.....	403	213	12.5	84.4	8.5	19.5	52.9	189.6	330.3	523.0	20.8	31.0	27.1
	Noncorporate, total.....	99	13	1.0	5.7	.8	1.9	4.5	13.3	15.4	28.4	.8	.9	1.3
	Individual <sup>2</sup> .....	60	2	.4	2.4	.3	.7	1.7	5.3	5.4	10.6	.2	.3	.5
	Partnership.....	29	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	10	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>2</sup> .....	86	-	.2	1.2	.2	.3	.9	3.1	3.3	6.5	.1	.4	.4
2095	Roasted coffee, total.....	268	126	16.3	119.5	9.4	19.0	62.1	726.4	1,373.7	2,092.2	50.0	153.6	155.0
	Type of operation:													
	Multiunit companies, total.....	122	91	14.2	105.7	8.5	17.2	57.4	694.4	1,288.4	1,975.4	49.0	145.3	145.7
	Corporate ownership or control...	121	90	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	107	35	2.0	13.4	.9	1.7	4.4	31.0	83.2	113.6	1.0	8.0	9.1
	Corporate ownership or control...	81	35	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	26	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>2</sup> .....	39	-	.1	.4	.1	.1	.2	1.0	2.2	3.2	(Z)	.3	.3
	Legal form of organization:													
	Corporate.....	202	125	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	27	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual.....	21	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	5	-	(Z)	.2	(Z)	(Z)	.1	.6	1.1	1.7	(Z)	.1	.1
	Other.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>2</sup> .....	39	-	.1	.4	.1	.1	.2	1.0	2.2	3.2	(Z)	.3	.3
2096	Shortening and cooking oils, total..	115	92	15.0	113.2	10.5	22.7	74.0	390.7	1,325.0	1,725.6	29.3	183.0	164.3
	Type of operation:													
	Multiunit companies, total.....	78	74	13.4	102.1	9.4	20.2	67.8	355.4	1,228.3	1,593.9	27.4	173.9	154.8
	Corporate ownership or control...	76	72	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	34	18	1.6	11.1	1.2	2.6	6.2	35.3	96.5	131.5	1.8	9.1	9.5
	Corporate ownership or control...	28	17	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	6	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>2</sup> .....	3	-	(Z)	(Z)	(Z)	(Z)	(Z)	.1	.2	.3	(Z)	(Z)	(Z)
	Legal form of organization:													
	Corporate.....	104	89	14.8	112.4	10.4	22.5	73.4	387.7	1,315.6	1,713.4	28.8	182.5	163.6
	Noncorporate, total.....	8	3	.2	.8	.2	.3	.6	3.0	9.1	12.0	.5	.5	.6
	Individual.....	5	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>2</sup> .....	3	-	(Z)	(Z)	(Z)	(Z)	(Z)	.1	.2	.3	(Z)	(Z)	(Z)
2097	Manufactured ice, total.....	947	109	7.9	38.0	5.4	10.4	23.2	75.7	24.1	99.5	4.8	1.9	2.4
	Type of operation:													
	Multiunit companies, total.....	343	74	4.3	21.8	2.8	5.6	12.8	45.3	12.5	57.5	3.4	1.2	1.5
	Corporate ownership or control...	320	74	4.2	21.4	2.7	5.4	12.5	44.6	12.2	56.5	3.3	1.1	1.5
	Noncorporate ownership.....	23	-	.1	.4	.1	.2	.3	.7	.3	1.0	(Z)	(Z)	(Z)
	Single unit companies, total.....	310	35	3.2	14.4	2.1	4.3	9.2	25.0	8.8	33.7	1.4	.6	.7
	Corporate ownership or control...	187	28	2.2	10.2	1.4	2.9	6.3	16.7	6.1	22.8	1.0	.4	.5
	Noncorporate ownership.....	123	7	1.0	4.2	.7	1.4	2.9	8.2	2.7	10.9	.4	.2	.3
	Administrative records <sup>2</sup> .....	294	-	.4	1.8	.4	.6	1.2	5.5	2.8	8.3	(Z)	.1	.1
	Legal form of organization:													
	Corporate.....	507	102	6.4	31.6	4.2	8.3	18.8	61.3	18.3	79.3	4.3	1.5	2.0
	Noncorporate, total.....	146	7	1.1	4.6	.8	1.5	3.2	8.9	3.0	11.9	.4	.2	.3
	Individual.....	97	1	.6	2.3	.4	.8	1.6	4.4	1.7	6.2	.1	.1	.1
	Partnership.....	47	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>2</sup> .....	294	-	.4	1.8	.4	.6	1.2	5.5	2.8	8.3	(Z)	.1	.1
2098	Macaroni and spaghetti, total.....	205	75	7.5	43.2	5.4	11.0	25.4	119.7	148.6	266.0	5.2	18.4	20.9
	Type of operation:													
	Multiunit companies, total.....	36	35	4.5	28.3	3.2	6.7	16.3	81.3	101.8	180.8	3.9	13.1	15.5
	Corporate ownership or control...	35	35	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	96	40	2.8	14.2	2.1	4.0	8.7	36.7	44.4	81.0	1.3	5.0	5.2
	Corporate ownership or control...	64	33	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	32	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>2</sup> .....	73	-	.1	.6	.1	.2	.5	1.8	2.4	4.1	(Z)	.2	.2
	Legal form of organization:													
	Corporate.....	99	68	6.9	40.5	4.9	10.0	23.6	111.1	138.5	247.3	5.0	17.5	20.0
	Noncorporate, total.....	33	7	.5	2.0	.4	.7	1.3	6.8	7.7	14.5	.2	.6	.6
	Individual.....	20	4	.2	.9	.2	.3	.6	2.8	3.0	5.8	.1	.2	.2
	Partnership.....	13	3	.3	1.2	.2	.4	.7	4.1	4.7	8.8	.1	.3	.4
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>2</sup> .....	73	-	.1	.6	.1	.2	.5	1.8	2.4	4.1	(Z)	.2	.2

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967-Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new <sup>2</sup> (million dollars)	Inventories end of—	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
2099	Food preparations, N.E.C., total....	2,082	636	61.6	353.3	42.9	83.7	198.3	1,107.5	1,316.8	2,413.3	86.7	199.7	214.1
	Type of operation:													
	Multiunit companies, total.....	444	333	40.5	247.1	27.6	55.7	140.6	868.9	978.6	1,838.3	71.8	159.2	169.7
	Corporate ownership or control...	431	328	40.3	246.1	27.5	55.6	140.0	861.7	972.6	1,825.1	71.6	157.8	168.2
	Noncorporate ownership.....	13	5	.2	1.0	.2	.3	.6	7.2	6.0	13.2	.1	1.4	1.5
	Single unit companies, total.....	903	303	19.8	100.9	13.9	26.1	54.5	222.3	318.6	539.2	14.6	36.4	40.4
	Corporate ownership or control...	605	272	17.1	90.3	11.8	22.2	47.4	197.8	285.0	480.9	13.1	32.0	36.3
	Noncorporate ownership.....	298	31	2.7	10.6	2.2	3.9	7.1	24.5	33.6	58.3	1.6	4.4	4.1
	Administrative records <sup>e</sup> .....	735	-	1.2	5.3	1.2	1.7	3.2	16.2	19.6	35.9	.3	4.1	4.1
	Legal form of organization:													
	Corporate.....	1,036	600	57.4	336.4	39.2	77.8	187.4	1,059.5	1,257.6	2,306.0	84.7	189.8	204.5
	Noncorporate, total.....	311	36	2.9	11.6	2.3	4.2	7.7	31.8	39.5	71.5	1.7	5.8	5.6
	Individual.....	258	22	2.0	7.7	1.6	2.9	5.2	17.4	23.0	40.4	.9	2.6	2.5
	Partnership.....	42	8	.6	2.6	.4	.9	1.7	6.4	10.0	16.6	.6	1.7	1.5
	Other.....	11	6	.3	1.3	.2	.4	.9	8.0	6.5	14.5	.2	1.5	1.6
	Administrative records <sup>e</sup> .....	735	-	1.2	5.3	1.2	1.7	3.2	16.2	19.6	35.9	.3	4.1	4.1
21	Tobacco manufactures, total.....	329	195	75.1	376.9	66.1	125.3	303.6	2,032.0	2,871.7	4,903.6	52.9	2,303.7	2,377.9
	Type of operation:													
	Multiunit companies, total.....	163	147	70.5	359.2	62.1	118.2	290.8	1,996.2	2,802.7	4,799.1	51.9	2,282.3	2,353.4
	Corporate ownership or control...	158	143	70.3	358.4	61.9	117.9	290.1	1,994.6	2,800.9	4,795.7	51.8	2,281.5	2,352.5
	Noncorporate ownership.....	5	4	.2	.8	.2	.4	.6	1.6	1.8	3.4	(Z)	.8	.8
	Single unit companies, total.....	82	48	4.3	17.0	3.8	7.0	12.3	34.5	67.7	102.0	1.1	20.8	24.0
	Corporate ownership or control...	66	44	4.0	15.8	3.5	6.5	11.4	32.0	65.5	97.3	1.1	20.0	23.2
	Noncorporate ownership.....	16	4	.3	1.2	.3	.5	.9	2.5	2.2	4.7	(Z)	.8	.8
	Administrative records <sup>e</sup> .....	84	-	.2	.7	.2	.4	.5	1.3	1.3	2.5	(Z)	.5	.5
	Legal form of organization:													
	Corporate.....	224	187	74.4	374.3	65.4	124.3	301.5	2,026.6	2,866.4	4,893.0	52.9	2,301.5	2,375.8
	Noncorporate, total.....	21	8	.5	1.9	.5	.9	1.5	4.1	4.0	8.1	.1	1.6	1.6
	Individual.....	16	4	.2	.8	.2	.4	.7	1.5	1.7	3.2	(Z)	.4	.4
	Partnership.....	4	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	84	-	.2	.7	.2	.4	.5	1.3	1.3	2.5	(Z)	.5	.5
2111	Cigarettes, total.....	16	14	36.6	221.3	32.8	62.7	187.6	<sup>4</sup> 1,639.6	1,405.4	<sup>4</sup> 3,044.6	33.8	1,360.6	1,423.6
	Type of operation:													
	Multiunit companies, total.....	15	14	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Corporate ownership or control...	15	14	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Corporate ownership or control...	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Legal form of organization:													
	Corporate.....	16	14	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Individual.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	-	-	-	-	-	-	-	-	-	-	-	-	-
2121	Cigars, total.....	148	63	19.0	71.2	17.2	31.7	58.8	<sup>4</sup> 195.8	168.0	<sup>4</sup> 363.7	5.4	65.1	54.5
	Type of operation:													
	Multiunit companies, total.....	39	38	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Corporate ownership or control...	34	34	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	5	4	.2	.8	.2	.4	.6	1.6	1.8	3.4	(D)	.8	.8
	Single unit companies, total.....	41	25	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Corporate ownership or control...	31	23	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	10	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	68	-	.2	.6	.2	.3	.5	1.0	.9	1.9	(D)	.4	.4
	Legal form of organization:													
	Corporate.....	65	57	18.3	69.0	16.6	30.6	57.0	191.2	163.6	354.8	5.4	63.3	52.7
	Noncorporate, total.....	15	6	.5	1.7	.4	.8	1.3	3.6	3.4	7.0	.1	1.4	1.4
	Individual.....	11	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	3	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	68	-	.2	.6	.2	.3	.5	1.0	.9	1.9	(D)	.4	.4
2131	Chewing and smoking tobacco, total...	46	22	3.6	18.1	2.7	4.9	11.5	<sup>4</sup> 63.5	58.6	<sup>4</sup> 122.2	1.5	37.4	36.8
	Type of operation:													
	Multiunit companies, total.....	17	15	3.1	15.5	2.2	4.2	9.9	55.5	50.5	106.2	1.4	32.1	31.6
	Corporate ownership or control...	17	15	3.1	15.5	2.2	4.2	9.9	55.5	50.5	106.2	1.4	32.1	31.6
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	19	7	.5	2.5	.7	1.5	7.8	7.5	7.8	15.6	.2	5.2	5.1
	Corporate ownership or control...	16	5	.5	2.4	.4	.7	7.5	7.5	7.5	14.9	.2	5.1	5.1
	Noncorporate ownership.....	3	2	(Z)	.2	(Z)	.1	.3	.3	.3	.6	-	.1	.1
	Administrative records <sup>e</sup> .....	10	-	(Z)	.1	(Z)	(Z)	(Z)	.2	.2	.5	-	.1	.1
	Legal form of organization:													
	Corporate.....	33	20	3.5	17.9	2.6	4.8	11.3	63.0	58.0	121.1	(D)	37.2	36.6
	Noncorporate, total.....	3	2	(Z)	.2	(Z)	.1	.1	.3	.3	.6	-	.1	.1
	Individual.....	2	1	(D)	(D)	(Z)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	1	1	(D)	(D)	(Z)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	10	-	(Z)	.1	(Z)	(Z)	(Z)	.2	.2	.5	-	.1	.1

See footnotes at end of table.



TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967-Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new <sup>2</sup>	Inventories end of--	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
2141	Tobacco stemming and redrying, total	119	96	15.9	66.2	13.5	26.2	45.7	133.1	<sup>4</sup> 1,239.7	<sup>4</sup> 1,373.1	12.2	840.6	863.0
	Type of operation:													
	Multiunit companies, total.....	92	80	14.1	59.2	11.9	23.3	40.6	120.3	1,194.0	1,314.8	(D)	831.9	850.3
	Corporate ownership or control...	92	80	14.1	59.2	11.9	23.3	40.6	120.3	1,194.0	1,314.8	(D)	831.9	850.3
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	21	16	1.8	7.0	1.5	2.9	5.1	12.7	45.6	58.1	(D)	8.7	12.7
	Corporate ownership or control...	18	16	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	6	-	(Z)	(Z)	(Z)	(Z)	(Z)	.1	.1	.1	(Z)	(Z)	(Z)
	Legal form of organization:													
	Corporate.....	110	96	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual.....	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	6	-	(Z)	(Z)	(Z)	(Z)	(Z)	.1	.1	.1	(Z)	(Z)	(Z)
22	Textile mill products, total.....	7080	4453	929.0	4,390.9	829.1	1,689.7	3,556.5	8,153.2	11,741.4	19,815.2	733.1	2,967.3	3,093.2
	Type of operation:													
	Multiunit companies, total.....	2,103	1,971	680.9	3,232.4	606.8	1,249.7	2,634.2	6,108.0	9,288.9	15,333.2	591.0	2,479.1	2,571.1
	Corporate ownership or control...	2,086	1,960	679.5	3,225.7	605.7	1,247.2	2,628.6	6,097.4	9,265.1	15,297.6	589.9	2,474.7	2,567.8
	Noncorporate ownership.....	17	11	1.3	6.7	1.1	2.5	5.6	10.6	23.9	35.5	1.2	4.3	3.4
	Single unit companies, total.....	3,766	2,482	244.4	1,142.2	218.7	433.9	909.6	2,010.6	2,401.7	4,396.6	139.9	478.4	512.0
	Corporate ownership or control...	3,172	2,325	233.3	1,096.8	208.2	414.2	870.7	1,919.4	2,296.8	4,201.2	135.8	458.7	491.2
	Noncorporate ownership.....	594	157	11.2	45.4	10.4	19.8	38.9	91.2	104.9	195.5	4.1	19.8	20.9
	Administrative records <sup>e</sup> .....	1,211	-	3.6	16.2	3.6	6.1	12.7	34.5	50.7	85.2	2.0	10.0	10.0
	Legal form of organization:													
	Corporate.....	5,258	4,285	912.7	4,322.5	813.9	1,661.3	3,499.3	8,016.8	11,561.9	19,498.8	725.7	2,933.3	3,058.9
	Noncorporate, total.....	611	168	12.5	52.2	11.6	22.3	44.5	101.8	128.8	231.0	5.3	24.1	24.3
	Individual.....	434	55	5.1	21.9	4.9	9.1	18.4	41.2	46.4	87.3	1.9	7.9	8.2
	Partnership.....	163	105	7.0	28.7	6.4	12.5	24.9	58.0	80.8	139.5	3.4	15.9	15.8
	Other.....	14	8	.4	1.5	.3	.6	1.2	2.6	1.6	4.2	(Z)	.3	.3
	Administrative records <sup>e</sup> .....	1,211	-	3.6	16.2	3.6	6.1	12.7	34.5	50.7	85.2	2.0	10.0	10.0
2211	Weaving mills, cotton, total .....	393	331	202.8	938.4	189.3	398.0	831.5	1,624.0	1,759.1	3,327.7	171.5	566.7	646.5
	Type of operation:													
	Multiunit companies, total.....	270	258	182.0	846.0	169.9	358.1	752.0	1,472.2	1,601.6	3,022.2	152.7	522.3	593.7
	Corporate ownership or control...	269	258	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	90	73	20.6	91.9	19.3	39.7	79.0	150.0	155.2	301.4	18.6	43.6	52.0
	Corporate ownership or control...	78	71	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	12	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	33	-	.1	.5	.1	.2	.4	1.8	2.3	4.1	.1	.8	.8
	Legal form of organization:													
	Corporate.....	347	329	202.1	936.1	188.6	396.8	829.4	1,618.8	1,754.0	3,317.4	(D)	565.1	644.8
	Noncorporate, total.....	13	2	.6	1.8	.6	1.0	1.6	3.4	2.8	6.2	(D)	.8	.9
	Individual.....	11	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	33	-	.1	.5	.1	.2	.4	1.8	2.3	4.1	.1	.8	.8
2221	Weaving Mills, synthetics, total ....	396	312	108.6	528.8	98.3	209.3	445.6	921.6	1,365.5	2,289.6	111.1	373.5	385.7
	Type of operation:													
	Multiunit companies, total.....	220	215	97.3	475.1	88.0	188.4	400.5	837.9	1,234.8	2,075.2	106.7	338.3	349.4
	Corporate ownership or control...	219	214	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	139	97	11.2	53.2	10.2	20.7	44.7	82.9	129.7	212.5	4.3	34.9	36.0
	Corporate ownership or control...	116	90	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	23	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	37	-	.1	.4	.1	.2	.3	.9	1.0	1.9	(Z)	.3	.3
	Legal form of organization:													
	Corporate.....	335	304	107.9	525.3	97.6	207.9	442.6	913.8	1,357.6	2,274.7	110.4	371.8	382.8
	Noncorporate, total.....	24	8	.6	3.1	.6	1.2	2.6	6.9	6.9	13.0	.6	1.4	2.5
	Individual.....	16	2	.2	1.3	.2	.5	1.0	3.0	3.6	6.2	(D)	.6	1.1
	Partnership.....	7	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	37	-	.1	.4	.1	.2	.3	.9	1.0	1.9	(Z)	.3	.3
2231	Weaving and finishing mills, wool, total .....	310	217	41.8	216.3	36.6	76.0	170.4	428.6	657.1	1,090.0	28.0	186.5	177.2
	Type of operation:													
	Multiunit companies, total.....	98	93	29.5	154.8	25.7	53.8	121.8	323.4	557.3	885.2	25.3	154.2	145.2
	Corporate ownership or control...	97	92	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	156	123	12.2	60.8	10.7	21.8	48.1	103.8	98.0	201.6	2.7	31.8	31.6
	Corporate ownership or control...	138	117	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	18	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	56	1	.2	.7	.2	.3	.5	1.4	1.7	3.2	(Z)	.4	.4
	Legal form of organization:													
	Corporate.....	235	209	41.2	213.3	36.0	74.8	168.0	420.5	646.7	1,071.7	27.9	183.8	174.4
	Noncorporate, total.....	19	7	.5	2.3	.4	.9	1.9	6.6	8.6	15.2	.1	2.2	2.3
	Individual.....	10	-	.1	.2	(Z)	.1	.2	.5	.7	1.2	(Z)	.1	.2
	Partnership.....	8	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	56	1	.2	.7	.2	.3	.5	1.4	1.7	3.2	(Z)	.4	.4

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967—Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new <sup>2</sup> (million dollars)	Inventories end of—	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
2241	Narrow fabric mills, total .....	384	220	26.2	121.1	23.3	46.7	96.3	214.4	233.7	445.1	15.7	70.6	70.0
	Type of operation:													
	Multiunit companies, total.....	103	95	15.4	69.8	13.6	27.2	56.0	119.3	142.6	259.8	7.9	45.7	44.4
	Corporate ownership or control...	102	94	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	197	125	10.5	50.1	9.4	19.1	39.3	92.5	88.9	180.5	7.7	24.2	25.0
	Corporate ownership or control...	171	116	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	26	9	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	84	-	.3	1.2	.3	.4	1.0	2.7	2.1	4.8	(2)	.7	.7
	Legal form of organization:													
	Corporate.....	273	210	25.2	116.7	22.3	44.8	92.6	206.4	224.8	428.2	15.3	68.4	67.8
	Noncorporate, total.....	27	10	.7	3.2	.7	1.4	2.7	5.4	6.8	12.1	.3	1.5	1.6
	Individual.....	15	2	.3	1.2	.3	.5	1.0	1.7	2.0	3.7	.1	.3	.4
	Partnership.....	11	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	1	1	(D)	(D)	(2)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	84	-	.3	1.2	.3	.4	1.0	2.7	2.1	4.8	(2)	.7	.7
2251	Women's hosiery, except socks, total	355	257	57.9	230.0	52.4	99.2	190.9	413.0	427.8	835.0	27.5	131.9	141.2
	Type of operation:													
	Multiunit companies, total.....	97	97	40.7	162.9	36.5	69.0	134.6	297.8	307.2	600.7	19.3	106.3	113.4
	Corporate ownership or control...	96	96	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	204	160	16.9	66.2	15.7	29.8	55.6	113.8	118.4	230.6	8.1	25.1	27.3
	Corporate ownership or control...	173	142	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	31	18	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	54	-	.2	.9	.2	.4	.8	1.5	2.2	3.7	.1	.5	.5
	Legal form of organization:													
	Corporate.....	269	238	56.4	224.8	51.1	96.7	186.6	405.0	409.2	807.2	27.1	128.3	138.8
	Noncorporate, total.....	32	19	1.2	4.3	1.1	2.1	3.5	6.5	16.4	24.1	.3	3.1	2.0
	Individual.....	19	9	.5	1.6	.4	.9	1.4	2.5	2.4	4.8	.1	.2	.2
	Partnership.....	11	9	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	54	-	.2	.9	.2	.4	.8	1.5	2.2	3.7	.1	.5	.5
2252	Hosiery, N.E.C., total .....	448	290	39.0	136.9	35.8	64.5	113.2	230.7	322.2	550.1	9.4	89.3	92.2
	Type of operation:													
	Multiunit companies, total.....	65	65	14.9	54.1	13.5	24.8	44.8	101.5	157.4	256.6	3.9	49.8	52.4
	Corporate ownership or control...	65	65	14.9	54.1	13.5	24.8	44.8	101.5	157.4	256.6	3.9	49.8	52.4
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	278	225	23.7	81.5	21.8	39.0	67.3	127.1	161.0	287.5	5.3	38.7	39.0
	Corporate ownership or control...	229	204	22.5	77.7	20.7	37.1	63.9	120.3	153.1	272.9	5.1	37.1	37.3
	Noncorporate ownership.....	49	21	1.2	3.8	1.1	1.9	3.5	6.8	7.9	14.6	.2	1.5	1.6
	Administrative records <sup>e</sup> .....	105	-	.4	1.3	.4	.7	1.1	2.1	3.9	6.0	.1	.8	.8
	Legal form of organization:													
	Corporate.....	294	269	37.4	131.8	34.2	61.9	108.6	221.8	310.5	529.5	9.0	86.9	89.8
	Noncorporate, total.....	49	21	1.2	3.9	1.1	1.9	3.5	6.8	7.9	14.6	.2	1.5	1.6
	Individual.....	34	12	.6	1.9	.5	.9	1.7	3.5	4.0	7.5	.1	.6	.5
	Partnership.....	15	9	.6	1.9	.6	.9	1.8	3.3	3.8	7.0	.1	1.0	1.1
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	105	-	.4	1.3	.4	.7	1.1	2.1	3.9	6.0	.1	.8	.8
2253	Knit outerwear mills, total .....	1,179	650	73.8	343.5	64.2	122.3	261.4	604.9	685.0	1,288.0	28.5	180.1	176.6
	Type of operation:													
	Multiunit companies, total.....	110	97	28.7	130.4	24.3	46.3	94.7	242.8	300.3	544.6	12.5	111.7	103.5
	Corporate ownership or control...	105	93	28.2	127.2	23.9	45.2	92.0	238.3	291.4	531.4	12.3	110.8	102.4
	Noncorporate ownership.....	5	4	.5	3.2	.4	1.0	2.7	4.5	9.0	13.2	.2	.9	1.2
	Single unit companies, total.....	858	553	44.4	210.0	39.2	75.0	164.3	356.1	378.0	730.7	15.6	67.3	71.9
	Corporate ownership or control...	710	510	41.6	198.7	36.6	70.3	154.5	334.1	358.2	688.4	14.9	63.0	68.2
	Noncorporate ownership.....	148	43	2.7	11.4	2.6	4.7	9.7	22.0	19.8	42.2	.7	4.4	3.8
	Administrative records <sup>e</sup> .....	211	-	.7	3.2	.7	1.1	2.4	6.0	6.6	12.7	.4	1.1	1.1
	Legal form of organization:													
	Corporate.....	815	603	69.9	325.9	60.5	115.5	246.5	572.4	649.6	1,219.9	27.3	173.8	170.5
	Noncorporate, total.....	153	47	3.2	14.5	3.0	5.8	12.4	26.5	28.7	55.4	.8	5.3	4.9
	Individual.....	106	17	1.3	6.1	1.3	2.4	5.1	9.9	8.2	18.5	.4	1.7	1.2
	Partnership.....	47	30	1.9	8.5	1.7	3.4	7.4	16.6	20.5	37.0	.4	3.6	3.7
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	211	-	.7	3.2	.7	1.1	2.4	6.0	6.6	12.7	.4	1.1	1.1
2254	Knit underwear mills, total .....	113	97	30.7	115.2	27.2	49.3	87.7	201.4	250.7	445.3	7.2	96.6	101.0
	Type of operation:													
	Multiunit companies, total.....	54	54	26.3	99.1	23.2	41.7	74.4	176.4	224.7	395.1	6.5	86.8	90.5
	Corporate ownership or control...	54	54	26.3	99.1	23.2	41.7	74.4	176.4	224.7	395.1	6.5	86.8	90.5
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	51	43	4.3	16.0	4.0	7.6	13.3	24.8	25.9	49.9	.7	9.7	10.5
	Corporate ownership or control...	43	37	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	8	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	8	-	(2)	.1	(2)	(2)	.1	.1	.1	.3	(2)	.1	.1
	Legal form of organization:													
	Corporate.....	97	91	30.2	113.5	26.7	48.4	86.2	198.6	247.5	439.1	7.2	95.3	99.9
	Noncorporate, total.....	8	6	.5	1.6	.5	.9	1.5	2.7	3.1	5.9	(2)	1.2	1.0
	Individual.....	3	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	5	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	8	-	(2)	.1	(2)	(2)	.1	.1	.1	.3	(2)	.1	.1

See footnotes at end of table.



TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967—Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new <sup>2</sup>	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1966	1967
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
2256	Knit fabric milla, total.....	541	294	36.3	197.5	30.7	65.5	145.6	441.8	925.2	1,362.2	45.5	159.9	166.5
	Type of operation:													
	Multiunit companies, total.....	145	129	22.9	120.9	19.3	41.4	88.6	278.9	642.8	916.6	27.9	123.3	127.4
	Corporate ownership or control...	145	129	22.9	120.9	19.3	41.4	88.6	278.9	642.8	916.6	27.9	123.3	127.4
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	315	165	13.1	75.2	11.1	23.7	56.0	159.1	270.5	429.7	17.1	35.4	37.9
	Corporate ownership or control...	270	160	12.7	72.4	10.7	22.8	53.7	152.7	258.9	411.8	16.5	33.8	36.4
	Noncorporate ownership <sup>e</sup> .....	45	5	.5	2.9	.4	.9	2.3	6.4	11.6	17.9	.6	1.5	1.6
	Administrative records <sup>e</sup> .....	81	-	.2	1.4	.2	.4	1.0	3.8	12.0	15.8	.5	1.2	1.2
	Legal form of organization:													
	Corporate.....	415	289	35.6	193.3	30.1	64.2	142.2	431.6	901.7	1,328.4	44.4	157.1	163.8
	Noncorporate, total.....	45	5	.5	2.9	.4	.9	2.3	6.4	11.6	17.9	.6	1.5	1.6
	Individual <sup>e</sup> .....	36	1	.2	1.7	.2	.5	1.3	3.6	9.5	13.1	.4	1.2	1.1
	Partnership.....	9	4	.2	1.2	.2	.4	1.1	2.8	2.1	4.9	.2	.3	.4
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	81	-	.2	1.4	.2	.4	1.0	3.8	12.0	15.8	.5	1.2	1.2
2259	Knitting milla, N.E.C., total.....	62	31	3.0	12.7	2.7	5.1	10.4	22.4	16.4	38.8	1.3	4.8	4.8
	Type of operation:													
	Multiunit companies, total.....	8	7	1.6	6.6	1.5	2.9	5.7	11.8	7.1	19.0	.9	2.2	2.1
	Corporate ownership or control...	8	7	1.6	6.6	1.5	2.9	5.7	11.8	7.1	19.0	.9	2.2	2.1
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	37	24	1.4	5.9	1.2	2.1	4.5	10.1	8.9	19.0	.4	2.5	2.6
	Corporate ownership or control...	27	22	1.2	5.4	1.1	1.9	4.0	9.0	7.9	16.8	.3	2.4	2.4
	Noncorporate ownership.....	10	2	.1	.5	.1	.2	.5	1.1	1.1	2.1	(Z)	.1	.2
	Administrative records <sup>e</sup> .....	17	-	.1	.2	.1	.1	.2	.5	.3	.8	(Z)	.1	.1
	Legal form of organization:													
	Corporate.....	35	29	2.8	12.0	2.5	4.8	9.7	20.8	15.0	35.9	1.2	4.6	4.5
	Noncorporate, total.....	10	2	.1	.5	.1	.2	.5	1.1	1.1	2.1	(Z)	.1	.2
	Individual <sup>e</sup> .....	8	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	17	-	.1	.2	.1	.1	.2	.5	.3	.8	(Z)	.1	.1
2261	Finishing plants, cotton, total.....	216	136	35.7	193.0	30.0	64.3	148.6	313.8	579.5	893.9	27.4	117.3	117.0
	Type of operation:													
	Multiunit companies, total.....	62	60	28.0	147.7	23.4	50.0	114.2	242.9	514.9	758.8	24.3	109.3	108.2
	Corporate ownership or control...	62	60	28.0	147.7	23.4	50.0	114.2	242.9	514.9	758.8	24.3	109.3	108.2
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	121	76	7.7	44.9	6.5	14.1	34.0	70.2	63.7	133.6	3.1	7.9	8.7
	Corporate ownership or control...	103	74	7.4	43.3	6.2	13.6	32.7	67.5	62.4	129.6	3.0	7.9	8.6
	Noncorporate ownership.....	18	2	.3	1.6	.3	.5	1.4	2.7	1.3	4.0	.1	.1	.1
	Administrative records <sup>e</sup> .....	33	-	.1	.4	.1	.1	.3	.7	.8	1.5	(Z)	.1	.1
	Legal form of organization:													
	Corporate.....	165	134	35.3	190.9	29.7	63.6	146.9	310.4	577.4	888.4	27.3	117.1	116.8
	Noncorporate, total.....	18	2	.3	1.6	.3	.5	1.4	2.7	1.3	4.0	.1	.1	.1
	Individual <sup>e</sup> .....	15	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	33	-	.1	.4	.1	.1	.3	.7	.8	1.5	(Z)	.1	.1
2262	Finishing plants, synthetics, total..	233	167	25.7	159.4	21.4	47.8	119.9	271.4	280.8	550.2	20.2	44.8	50.0
	Type of operation:													
	Multiunit companies, total.....	63	57	14.4	82.6	11.6	26.1	59.4	142.2	209.2	349.5	15.3	38.6	42.0
	Corporate ownership or control...	63	57	14.4	82.6	11.6	26.1	59.4	142.2	209.2	349.5	15.3	38.6	42.0
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	154	110	11.3	76.6	9.7	21.6	60.3	128.7	71.1	199.8	5.0	6.2	7.9
	Corporate ownership or control...	146	109	11.2	76.1	9.6	21.4	59.9	128.0	70.7	198.7	5.0	6.2	7.8
	Noncorporate ownership <sup>e</sup> .....	8	1	.1	.5	.1	.2	.4	.7	.4	1.1	(Z)	(Z)	.1
	Administrative records <sup>e</sup> .....	16	-	(Z)	.3	(Z)	.1	.2	.4	.4	.9	(Z)	(Z)	(Z)
	Legal form of organization:													
	Corporate.....	209	166	25.6	158.7	21.2	47.5	119.3	270.3	280.0	548.2	20.2	44.8	49.0
	Noncorporate, total.....	8	1	.1	.5	.1	.2	.4	.7	.4	1.1	(Z)	(Z)	(Z)
	Individual <sup>e</sup> .....	6	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	16	-	(Z)	.3	(Z)	.1	.2	.4	.4	.9	(Z)	(Z)	(Z)
2269	Finishing plants, N.E.C., total.....	192	105	12.3	63.9	10.5	21.5	48.2	124.8	168.0	290.9	8.2	23.2	25.2
	Type of operation:													
	Multiunit companies, total.....	42	38	7.1	36.7	5.9	12.3	26.9	78.0	111.6	188.1	5.0	17.1	19.0
	Corporate ownership or control...	40	37	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	110	67	5.1	26.6	4.5	9.0	20.9	45.6	54.0	99.2	3.1	5.9	6.0
	Corporate ownership or control...	95	64	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	15	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	40	-	.1	.6	.1	.2	.5	1.2	2.4	3.5	.1	.2	.2
	Legal form of organization:													
	Corporate.....	135	101	11.7	60.8	10.0	20.4	45.7	118.0	159.4	275.5	7.0	22.6	24.5
	Noncorporate, total.....	17	4	.5	2.5	.4	.9	2.1	5.6	6.2	11.8	1.0	.4	.4
	Individual <sup>e</sup> .....	12	1	.1	.4	.1	.1	.3	.8	1.3	2.1	.1	.1	.1
	Partnership.....	5	3	.4	2.1	.4	.8	1.7	4.8	4.9	9.7	1.0	.2	.3
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	40	-	.1	.6	.1	.2	.5	1.2	2.4	3.5	.1	.2	.2

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967-Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new <sup>2</sup> (million dollars)	Inventories end of--	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
2271	Woven carpets and rugs, total .....	61	24	8.7	47.2	7.3	15.3	35.8	104.7	131.4	240.2	6.3	63.9	59.6
	Type of operation:													
	Multiunit companies, total.....	18	17	8.2	44.8	7.0	14.5	33.9	99.1	123.5	226.8	6.0	61.7	57.1
	Corporate ownership or control...	18	17	8.2	44.8	7.0	14.5	33.9	99.1	123.5	226.8	6.0	61.7	57.1
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	21	7	.4	2.2	.4	.8	1.7	5.2	7.4	12.5	.3	2.1	2.3
	Corporate ownership or control...	12	7	.4	2.0	.3	.7	1.5	4.9	7.0	11.8	.3	2.1	2.3
	Noncorporate ownership <sup>6</sup> .....	9	-	.1	.2	.1	.1	.2	.3	.4	.7	(Z)	.1	.1
	Administrative records <sup>6</sup> .....	22	-	(Z)	.2	(Z)	.1	.1	.4	.5	.9	(Z)	.2	.2
	Legal form of organization:													
	Corporate.....	30	24	8.6	46.9	7.3	15.2	35.5	104.0	130.4	238.6	6.2	63.6	59.3
	Noncorporate, total <sup>6</sup> .....	9	-	.1	.2	.1	.1	.2	.3	.4	.7	(Z)	.1	.1
	Individual <sup>6</sup> .....	8	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>6</sup> .....	22	-	(Z)	.2	(Z)	.1	.1	.4	.5	.9	(Z)	.2	.2
2272	Tufted carpets and rugs, total .....	244	153	31.8	165.7	26.7	56.5	118.4	449.4	982.7	1,426.9	33.6	216.4	224.2
	Type of operation:													
	Multiunit companies, total.....	87	82	24.2	128.2	20.2	43.3	91.6	351.1	804.2	1,151.3	27.4	188.7	193.5
	Corporate ownership or control...	87	82	24.2	128.2	20.2	43.3	91.6	351.1	804.2	1,151.3	27.4	188.7	193.5
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	114	71	7.5	37.1	6.4	13.1	26.6	97.2	176.5	272.5	6.1	27.4	30.2
	Corporate ownership or control...	93	68	7.3	36.1	6.2	12.7	25.8	94.4	172.2	265.4	6.0	27.1	29.9
	Noncorporate ownership.....	21	3	.2	1.1	.2	.5	.8	2.9	4.3	7.1	.2	.3	.3
	Administrative records <sup>6</sup> .....	43	-	.1	.4	.1	.1	.3	1.1	2.0	3.1	.1	.4	.4
	Legal form of organization:													
	Corporate.....	180	150	31.5	164.2	26.4	55.9	117.3	445.4	976.4	1,416.7	33.3	215.7	223.4
	Noncorporate, total.....	21	3	.2	1.1	.2	.5	.8	2.9	4.3	7.1	.2	.3	.3
	Individual <sup>6</sup> .....	18	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	3	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	.1	-	-	-	-	-	-	-
	Administrative records <sup>6</sup> .....	43	-	.1	.4	.1	.1	.3	1.1	2.0	3.1	.1	.1	.4
2279	Carpets and rugs, N.E.C. total .....	80	32	3.1	14.9	2.6	5.2	11.2	45.3	47.1	90.3	5.6	16.1	18.6
	Type of operation:													
	Multiunit companies, total.....	10	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Corporate ownership or control...	10	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	38	25	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Corporate ownership or control...	27	20	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	11	5	.3	.8	.9	.5	.7	1.3	1.1	2.4	(Z)	.3	.3
	Administrative records <sup>6</sup> .....	32	-	.1	.3	.3	.1	.2	.7	.7	1.4	(Z)	.2	.2
	Legal form of organization:													
	Corporate.....	37	27	2.7	13.9	9.3	4.6	10.3	43.2	45.4	86.5	5.6	15.7	18.2
	Noncorporate, total.....	11	5	.3	.8	.9	.5	.7	1.3	1.1	2.4	(Z)	.3	.3
	Individual.....	7	1	.1	.3	.3	.2	.2	.4	.3	.7	(D)	.1	.1
	Partnership.....	3	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>6</sup> .....	32	-	.1	.3	.3	.1	.2	.7	.7	1.4	(Z)	.2	.2
2281	Yarn mills, except wool, total .....	377	328	74.5	310.5	70.2	142.1	275.2	556.2	868.6	1,422.5	89.4	161.2	175.4
	Type of operation:													
	Multiunit companies, total.....	211	204	54.8	231.3	51.7	105.2	206.3	412.8	675.2	1,088.9	63.3	122.8	130.2
	Corporate ownership or control...	211	204	54.8	231.3	51.7	105.2	206.3	412.8	675.2	1,088.9	63.3	122.8	130.2
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	141	124	19.7	78.8	18.5	36.8	68.7	142.8	192.3	331.9	26.0	38.2	45.0
	Corporate ownership or control...	128	120	19.4	77.9	18.2	36.1	67.8	141.1	189.7	327.7	25.7	38.0	44.7
	Noncorporate ownership.....	13	4	.3	.9	.3	.6	.8	1.6	2.6	4.2	.3	.2	.3
	Administrative records <sup>6</sup> .....	25	-	.1	.3	.1	.1	.3	.6	1.1	1.7	(Z)	.2	.2
	Legal form of organization:													
	Corporate.....	339	324	74.1	309.3	69.9	141.3	274.1	554.0	864.9	1,416.6	89.1	160.8	175.0
	Noncorporate, total.....	13	4	.3	.9	.3	.6	.8	1.6	2.6	4.2	.3	.2	.3
	Individual <sup>6</sup> .....	8	-	.1	.2	.1	.1	.2	.3	.6	.9	(Z)	.1	.1
	Partnership.....	4	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>6</sup> .....	25	-	.1	.3	.1	.1	.3	.6	1.1	1.7	(Z)	.2	.2
2282	Throwing and winding mills, total ..	181	130	18.5	78.6	16.9	34.6	64.9	173.2	387.8	568.0	18.0	50.2	48.0
	Type of operation:													
	Multiunit companies, total.....	62	57	12.6	54.4	11.5	23.9	45.3	124.6	305.3	436.4	13.0	41.2	38.8
	Corporate ownership or control...	61	56	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	96	72	5.8	23.8	5.3	10.5	19.3	47.7	80.1	128.3	4.9	8.6	8.8
	Corporate ownership or control...	79	66	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	17	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>6</sup> .....	23	1	.1	.4	.1	.2	.4	.9	2.4	3.3	.1	.3	.3
	Legal form of organization:													
	Corporate.....	140	122	18.1	77.2	16.5	33.7	63.6	170.4	384.5	561.9	17.8	49.8	47.5
	Noncorporate, total.....	18	7	.4	1.1	.3	.7	1.0	1.9	.9	2.8	.1	.1	.1
	Individual <sup>6</sup> .....	9	2	.1	.4	.1	.2	.3	.6	.4	1.0	(D)	.1	.1
	Partnership.....	9	5	.3	.7	.2	.5	.6	1.3	.5	1.8	(D)	(Z)	(Z)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>6</sup> .....	23	1	.1	.4	.1	.2	.4	.9	2.4	3.3	.1	.3	.3

See footnotes at end of table.



TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967—Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new <sup>2</sup> (million dollars)	Inventories end of—	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
2283	Wool yarn mills, total .....	135	107	14.7	66.0	12.9	25.8	52.1	117.9	239.3	361.5	8.9	64.3	56.9
	Type of operation:													
	Multiunit companies, total.....	42	41	8.9	40.7	7.7	15.5	31.3	73.8	174.1	251.6	7.0	51.8	45.3
	Corporate ownership or control...	42	41	8.9	40.7	7.7	15.5	31.3	73.8	174.1	251.6	7.0	51.8	45.3
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	83	66	5.7	25.3	5.2	10.3	20.8	43.9	64.9	109.4	1.9	12.4	11.5
	Corporate ownership or control...	75	64	5.6	24.8	5.1	10.1	20.3	42.8	63.9	107.3	1.9	12.1	11.2
	Noncorporate ownership.....	8	2	.1	.5	.1	.2	.4	1.1	1.0	2.1	(Z)	.2	.3
	Administrative records <sup>e</sup> .....	10	-	(Z)	.1	(Z)	(Z)	(Z)	.2	.2	.4	(Z)	.1	.1
	Legal form of organization:													
	Corporate.....	117	105	14.6	65.4	12.8	25.6	51.6	116.6	238.0	358.9	8.9	64.0	56.5
	Noncorporate, total.....	8	2	.1	.5	.1	.2	.4	1.1	1.0	2.1	(Z)	.2	.3
	Individual <sup>e</sup> .....	6	-	(D)	(D)	(Z)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	1	1	(D)	(D)	(Z)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	1	1	(D)	(D)	(Z)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	10	-	(Z)	.1	(Z)	(Z)	(Z)	.2	.2	.4	(Z)	.1	.1
2284	Thread mills, total .....	75	39	11.4	49.8	10.0	19.2	38.7	98.9	159.3	256.6	11.6	44.5	45.7
	Type of operation:													
	Multiunit companies, total.....	28	26	10.1	42.9	8.8	17.0	34.2	87.3	140.6	226.8	11.1	40.2	40.9
	Corporate ownership or control...	28	26	10.1	42.9	8.8	17.0	34.2	87.3	140.6	226.8	11.1	40.2	40.9
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	32	13	1.3	6.7	1.1	2.2	4.4	10.9	17.8	28.3	.5	4.0	4.5
	Corporate ownership or control...	26	12	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	6	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	15	-	(Z)	.2	(Z)	.1	.2	.6	.9	1.5	.1	.3	.3
	Legal form of organization:													
	Corporate.....	54	38	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	6	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual <sup>e</sup> .....	4	-	(Z)	.1	(Z)	(Z)	.1	.1	.2	.4	(D)	(Z)	.1
	Partnership.....	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	15	-	(Z)	.2	(Z)	.1	.2	.6	.9	1.5	.1	.3	.3
2291	Felt goods, nec, total .....	40	28	4.5	26.3	3.6	7.7	19.1	63.6	69.3	133.6	3.2	18.2	17.0
	Type of operation:													
	Multiunit companies, total.....	22	21	3.8	22.0	3.0	6.3	15.6	56.0	59.9	116.6	2.8	15.9	15.0
	Corporate ownership or control...	22	21	3.8	22.0	3.0	6.3	15.6	56.0	59.9	116.6	2.8	15.9	15.0
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	12	7	.7	4.2	.6	1.4	3.4	7.5	9.2	16.6	.4	2.2	2.0
	Corporate ownership or control...	11	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	6	-	(Z)	.1	(Z)	(Z)	.1	.2	.2	.4	(Z)	.1	.1
	Legal form of organization:													
	Corporate.....	33	28	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual <sup>e</sup> .....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	6	-	(Z)	.1	(Z)	(Z)	.1	.2	.2	.4	(Z)	.1	.1
2292	Lace goods, total .....	142	48	5.0	23.7	4.4	8.4	19.5	36.6	28.0	65.7	2.0	12.4	11.5
	Type of operation:													
	Multiunit companies, total.....	20	17	2.8	12.9	2.4	4.5	10.2	20.6	16.0	37.8	.8	10.2	9.0
	Corporate ownership or control...	20	17	2.8	12.9	2.4	4.5	10.2	20.6	16.0	37.8	.8	10.2	9.0
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	70	31	2.1	10.1	1.9	3.6	8.8	14.6	11.0	25.6	1.1	2.0	2.3
	Corporate ownership or control...	58	29	2.0	9.6	1.8	3.4	8.3	13.5	10.2	23.7	1.1	1.9	2.2
	Noncorporate ownership.....	12	2	.1	.6	.1	.2	.5	1.1	.7	1.9	(Z)	.1	.1
	Administrative records <sup>e</sup> .....	52	-	.1	.6	.1	.2	.6	1.4	1.0	2.3	(Z)	.2	.2
	Legal form of organization:													
	Corporate.....	78	46	4.7	22.5	4.2	7.9	18.4	34.1	26.3	61.5	1.9	12.1	11.2
	Noncorporate, total.....	12	2	.1	.6	.1	.2	.5	1.1	.7	1.9	(Z)	.1	.1
	Individual <sup>e</sup> .....	10	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	52	-	.1	.6	.1	.2	.6	1.4	1.0	2.3	(Z)	.2	.2
2293	Paddings and upholstery filling, total .....	151	71	6.5	36.0	5.3	10.7	26.1	78.0	89.9	168.1	3.4	18.4	17.4
	Type of operation:													
	Multiunit companies, total.....	44	35	4.2	23.3	3.4	6.9	17.4	52.6	59.8	112.5	2.3	13.4	12.0
	Corporate ownership or control...	42	34	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	87	36	2.2	12.4	1.8	3.7	8.5	24.9	29.3	54.2	1.0	4.8	5.2
	Corporate ownership or control...	69	33	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	18	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	20	-	.1	.3	.1	.1	.2	.6	.8	1.4	(Z)	.2	.2
	Legal form of organization:													
	Corporate.....	111	67	6.2	34.4	5.0	10.2	24.8	74.1	85.0	159.3	3.3	17.7	16.7
	Noncorporate, total.....	20	4	.2	1.3	.2	.4	1.1	3.4	4.1	7.4	(Z)	.5	.6
	Individual <sup>e</sup> .....	14	-	.1	.5	.1	.2	.4	1.1	1.6	2.7	(Z)	.3	.3
	Partnership.....	6	4	.1	.8	.1	.2	.7	2.2	2.5	4.7	-	.2	.3
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	20	-	.1	.3	.1	.1	.2	.6	.8	1.4	(Z)	.2	.2

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967-Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new <sup>2</sup> (million dollars)	Inventories end of--	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
2294	Processed textile waste, total .....	141	60	4.5	20.7	3.9	8.0	15.4	34.5	54.8	91.5	1.6	16.0	14.4
	Type of operation:													
	Multiunit companies, total.....	33	29	2.1	9.7	1.8	3.7	7.4	17.0	30.7	49.8	1.0	9.6	8.4
	Corporate ownership or control...	33	29	2.1	9.7	1.8	3.7	7.4	17.0	30.7	49.8	1.0	9.6	8.4
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	73	31	2.3	10.5	1.9	4.0	7.6	16.3	23.2	39.7	.5	6.2	5.8
	Corporate ownership or control...	60	29	2.1	10.0	1.8	3.8	7.2	15.5	22.5	38.0	.5	6.0	5.6
	Noncorporate ownership.....	13	2	.1	.5	.1	.2	.4	.9	.8	1.7	(Z)	.2	.2
	Administrative records <sup>e</sup> .....	35	-	.1	.5	.1	.2	.4	1.2	.9	2.1	(Z)	.2	.2
	Legal form of organization:													
	Corporate.....	93	58	4.3	19.6	3.6	7.5	14.6	32.4	53.2	87.8	1.5	15.6	14.0
	Noncorporate, total.....	13	2	.1	.5	.1	.2	.4	.9	.8	1.7	(Z)	.2	.2
	Individual <sup>e</sup> .....	11	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	35	-	.1	.5	.1	.2	.4	1.2	.9	2.1	(Z)	.2	.2
2295	Coated fabrics, not rubberized, total	178	115	17.5	121.3	12.7	26.9	78.1	255.2	368.5	616.2	17.0	97.9	109.0
	Type of operation:													
	Multiunit companies, total.....	72	62	13.8	98.2	9.9	21.1	63.0	204.6	298.4	495.5	15.2	85.7	96.5
	Corporate ownership or control...	71	62	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	87	53	3.7	22.9	2.8	5.8	14.9	50.3	69.6	119.8	1.8	12.1	12.4
	Corporate ownership or control...	75	53	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership <sup>e</sup> .....	12	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	19	-	(Z)	.2	(Z)	(Z)	.1	.4	.5	.9	(Z)	.1	.1
	Legal form of organization:													
	Corporate.....	146	115	17.4	120.7	12.6	26.8	77.7	253.8	366.7	612.9	17.0	97.5	108.6
	Noncorporate, total <sup>e</sup> .....	13	-	.1	.4	.1	.1	.3	1.0	1.3	2.4	(Z)	.3	.3
	Individual <sup>e</sup> .....	10	-	(D)	(D)	(Z)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	19	-	(Z)	.2	(Z)	(Z)	.1	.4	.5	.9	(D)	.1	.1
2296	Tire cord and fabric, total .....	20	19	10.1	48.7	9.2	18.4	41.7	91.5	354.3	444.1	15.2	50.0	49.2
	Type of operation:													
	Multiunit companies, total.....	18	18	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Corporate ownership or control...	18	18	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Corporate ownership or control...	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Legal form of organization:													
	Corporate.....	19	19	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Individual.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2297	Scouring and combing plants, total ..	68	39	5.0	25.9	4.4	8.9	20.6	35.7	56.9	93.9	3.2	19.3	16.5
	Type of operation:													
	Multiunit companies, total.....	14	14	2.1	11.3	1.8	3.8	9.0	17.3	34.4	52.5	2.6	13.5	11.1
	Corporate ownership or control...	14	14	2.1	11.3	1.8	3.8	9.0	17.3	34.4	52.5	2.6	13.5	11.1
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	42	25	2.9	14.5	2.6	5.1	11.4	18.2	22.3	41.0	.6	5.7	5.4
	Corporate ownership or control...	39	24	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	3	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	12	-	(Z)	.1	(Z)	(Z)	.1	.3	.2	.4	(Z)	(Z)	(Z)
	Legal form of organization:													
	Corporate.....	53	38	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	3	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual <sup>e</sup> .....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	12	-	(Z)	.1	(Z)	(Z)	.1	.3	.2	.4	(Z)	(Z)	(Z)
2298	Cordage and twine, total .....	169	83	10.2	48.5	8.7	17.2	36.3	95.4	95.3	188.8	4.4	40.8	42.1
	Type of operation:													
	Multiunit companies, total.....	48	47	7.0	35.0	5.8	11.5	25.7	69.4	69.6	138.0	3.1	33.1	33.3
	Corporate ownership or control...	48	47	7.0	35.0	5.8	11.5	25.7	69.4	69.6	138.0	3.1	33.1	33.3
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	66	36	3.1	12.9	2.7	5.5	10.1	24.9	24.1	48.1	1.2	7.1	8.2
	Corporate ownership or control...	51	33	2.8	12.0	2.5	5.1	9.3	22.1	22.3	43.7	1.1	6.3	7.3
	Noncorporate ownership.....	15	3	.3	.9	.2	.4	.8	2.7	1.8	4.4	.1	.8	.9
	Administrative records <sup>e</sup> .....	55	-	.1	.6	.1	.2	.4	1.2	1.5	2.7	(Z)	.6	.6
	Legal form of organization:													
	Corporate.....	99	80	9.8	47.0	8.3	16.6	35.0	91.5	92.0	181.7	4.3	39.4	40.6
	Noncorporate, total.....	15	3	.3	.9	.2	.4	.8	2.7	1.8	4.4	.1	.8	.9
	Individual.....	10	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	4	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	55	-	.1	.6	.1	.2	.4	1.2	1.5	2.7	(Z)	.6	.6

See footnotes at end of table.



TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967-Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new <sup>2</sup> (million dollars)	Inventories end of--	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
2299	Textile goods, N.E.C., total.....	196	70	9.2	50.4	7.6	15.3	33.8	104.3	137.2	240.5	8.2	32.6	33.8
	Type of operation:													
	Multiunit companies, total.....	37	29	6.1	35.3	4.8	10.1	22.5	74.3	96.7	170.0	7.0	24.3	25.4
	Corporate ownership or control...	36	29	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	93	41	2.9	14.4	2.6	5.0	10.7	28.4	38.6	67.0	1.1	7.8	7.8
	Corporate ownership or control...	69	41	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership <sup>c</sup> .....	24	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>c</sup> .....	66	-	.2	.8	.2	.3	.6	1.6	1.9	3.6	(Z)	.5	.5
	Legal form of organization:													
	Corporate.....	105	70	8.9	49.0	7.3	14.8	32.7	101.5	133.9	234.4	8.1	31.8	33.0
	Noncorporate, total.....	25	-	.1	.6	.1	.2	.5	1.2	1.4	2.6	(Z)	.2	.3
	Individual <sup>c</sup> .....	25	-	.1	.6	.1	.2	.5	1.2	1.4	2.6	(Z)	.2	.3
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>c</sup> .....	66	-	.2	.8	.2	.3	.6	1.6	1.9	3.6	(Z)	.5	.5
23	Apparel, other textile products, total.....	26,393	12,705	1,356.7	5,582.2	1,200.4	2,178.6	4,340.6	10,064.4	11,322.1	21,326.9	208.3	2,672.5	2,753.0
	Type of operation:													
	Multiunit companies, total.....	3,103	2,832	627.0	2,517.1	550.8	1,016.6	1,953.2	4,753.4	5,645.8	10,357.9	129.7	1,669.3	1,712.8
	Corporate ownership or control...	3,015	2,755	616.2	2,479.0	541.4	999.4	1,921.1	4,682.7	5,578.8	10,223.0	128.9	1,657.4	1,698.5
	Noncorporate ownership.....	88	77	10.8	38.1	9.4	17.4	32.1	70.7	67.0	134.9	.8	11.9	14.3
	Single unit companies, total.....	16,135	9,873	711.1	2,986.3	630.7	1,131.9	2,325.9	5,145.1	5,507.7	10,634.5	77.8	967.0	1,003.6
	Corporate ownership or control...	12,379	8,479	626.0	2,663.1	551.8	994.5	2,044.9	4,596.7	5,084.9	9,664.6	71.9	893.9	927.0
	Noncorporate ownership.....	3,756	1,374	85.0	323.3	78.9	137.3	281.0	548.4	422.8	969.9	5.9	73.1	76.6
	Administrative records <sup>c</sup> .....	7,155	11	18.8	78.6	18.7	30.2	61.6	166.3	168.4	334.5	.8	36.3	36.5
	Legal form of organization:													
	Corporate.....	15,394	11,254	1,242.2	5,142.2	1,093.2	1,993.8	3,965.9	9,279.4	10,663.7	19,887.6	200.8	2,551.3	2,625.5
	Noncorporate, total.....	3,844	1,451	95.8	361.3	88.4	154.6	313.2	619.1	489.8	1,104.8	6.7	84.9	90.9
	Individual.....	2,779	764	46.6	173.7	43.6	75.3	151.5	290.2	196.4	484.8	2.7	29.6	32.8
	Partnership.....	1,032	662	46.8	177.9	42.7	75.6	154.8	307.5	269.4	576.0	3.6	52.0	53.0
	Other.....	33	25	2.4	9.7	2.1	3.6	6.9	21.3	24.0	44.0	.4	3.3	5.1
	Administrative records <sup>c</sup> .....	7,155	11	18.8	78.6	18.7	30.2	61.6	166.3	168.4	334.5	.8	36.3	36.5
2311	Men's and boys' suits and coats, total.....	1,003	649	135.9	641.7	119.9	221.3	509.1	1,047.8	862.3	1,912.1	15.7	339.6	330.9
	Type of operation:													
	Multiunit companies, total.....	204	198	82.4	399.2	713	131.4	312.1	665.9	545.7	1,215.3	11.4	253.6	242.5
	Corporate ownership or control...	202	196	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	648	451	53.1	240.7	48.1	89.3	195.7	378.6	311.1	687.8	4.3	84.8	87.2
	Corporate ownership or control...	515	393	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	133	58	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>c</sup> .....	151	-	.4	1.8	.4	.6	1.3	3.4	5.5	8.9	(Z)	1.2	1.2
	Legal form of organization:													
	Corporate.....	717	589	130.1	616.9	114.3	211.5	487.2	1,010.8	835.6	1,848.5	15.4	333.1	324.1
	Noncorporate, total.....	135	60	5.5	23.0	5.2	9.2	20.6	33.7	21.2	54.6	.2	5.3	5.6
	Individual.....	94	33	2.4	8.7	2.3	3.9	7.6	13.2	10.8	23.7	.1	1.6	2.0
	Partnership.....	41	27	3.1	14.3	2.9	5.3	13.0	20.5	10.4	30.9	.1	3.6	3.6
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>c</sup> .....	151	-	.4	1.8	.4	.6	1.3	3.4	5.5	8.9	(Z)	1.2	1.2
2321	Men's and boys' shirts and nightwear, total.....	768	569	114.4	388.4	104.0	188.9	322.7	703.9	752.9	1,448.2	14.6	218.2	229.8
	Type of operation:													
	Multiunit companies, total.....	323	303	81.7	276.0	74.5	134.9	231.5	520.0	551.6	1,063.3	11.2	173.5	183.4
	Corporate ownership or control...	318	298	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	5	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	357	266	32.5	111.4	29.4	53.7	90.6	181.9	197.2	378.7	3.4	44.0	45.6
	Corporate ownership or control...	299	236	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	58	30	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>c</sup> .....	88	-	.2	.9	.2	.3	.7	2.0	4.2	6.2	(Z)	.7	.7
	Legal form of organization:													
	Corporate.....	617	534	111.3	378.5	101.2	183.8	314.3	686.2	739.5	1,417.9	14.5	216.2	226.7
	Noncorporate, total.....	63	35	2.9	9.0	2.7	4.9	7.8	15.7	9.2	24.1	.1	1.2	2.4
	Individual.....	46	20	1.4	4.4	1.3	2.4	3.8	6.4	2.4	8.7	(Z)	.4	.6
	Partnership.....	16	14	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>c</sup> .....	88	-	.2	.9	.2	.3	.7	2.0	4.2	6.2	(Z)	.7	.7
2322	Men's and boys' underwear, total....	87	68	13.4	44.8	12.5	23.1	38.6	82.0	104.4	180.2	5.9	21.7	27.5
	Type of operation:													
	Multiunit companies, total.....	42	41	9.9	32.3	9.2	17.2	28.2	63.5	78.0	135.6	(D)	16.9	22.3
	Corporate ownership or control...	42	41	9.9	32.3	9.2	17.2	28.2	63.5	78.0	135.6	(D)	16.9	22.3
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	33	27	3.6	12.4	3.3	5.8	10.3	18.3	26.1	44.0	(D)	4.7	5.1
	Corporate ownership or control...	29	26	3.5	12.1	3.2	5.7	10.0	17.5	25.0	42.2	(D)	4.6	4.9
	Noncorporate ownership.....	4	1	.1	.3	.1	.1	.3	.8	1.1	1.9	(D)	.1	.2
	Administrative records <sup>c</sup> .....	12	-	(Z)	.1	(Z)	.1	.1	.2	.3	.6	-	.1	.1
	Legal form of organization:													
	Corporate.....	71	67	13.3	44.4	12.4	22.9	38.2	80.9	103.0	177.8	(D)	21.5	27.2
	Noncorporate, total.....	4	1	.1	.3	.1	.1	.3	.8	1.1	1.9	(D)	.1	.2
	Individual.....	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>c</sup> .....	12	-	(Z)	.1	(Z)	.1	.1	.2	.3	.6	-	.1	.1

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967-Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new <sup>2</sup>	Inventories end of-	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1966	1967
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
2323	Men's and boys' neckwear, total	297	113	7.8	37.3	6.6	11.3	23.5	69.4	75.6	144.7	.8	15.7	16.0
	Type of operation:													
	Multiunit companies, total	8	8	1.5	9.1	1.1	2.0	4.3	18.1	18.5	36.4	.1	3.8	4.2
	Corporate ownership or control	8	8	1.5	9.1	1.1	2.0	4.3	18.1	18.5	36.4	.1	3.8	4.2
	Noncorporate ownership	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total	171	105	6.0	26.7	5.1	8.7	18.3	47.9	53.2	101.3	.6	11.1	10.9
	Corporate ownership or control	127	87	4.9	22.5	4.1	7.1	15.0	40.7	47.6	88.4	.4	9.9	9.7
	Noncorporate ownership	44	18	1.1	4.1	1.0	1.7	3.3	7.2	5.6	12.9	.3	1.2	1.2
	Administrative records <sup>e</sup>	118	-	.4	1.5	.4	.5	.9	3.4	3.8	7.0	(Z)	.8	.9
	Legal form of organization:													
	Corporate	135	95	6.4	31.6	5.2	9.1	19.2	58.8	66.1	124.9	.5	13.7	13.9
	Noncorporate, total	44	18	1.1	4.1	1.0	1.7	3.3	7.2	5.6	12.9	.3	1.2	1.2
	Individual	31	11	.7	2.3	.6	1.0	1.9	4.0	2.1	6.2	(D)	.4	.4
	Partnership	12	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup>	118	-	.4	1.5	.4	.5	.9	3.4	3.8	7.0	(Z)	.8	.9
2327	Men's and boys' separate trousers, total	690	458	88.1	316.7	80.8	151.5	264.5	542.5	591.9	1,132.4	16.3	174.9	178.4
	Type of operation:													
	Multiunit companies, total	202	195	54.4	189.6	49.9	94.3	161.3	325.3	346.1	668.7	11.8	102.3	108.8
	Corporate ownership or control	197	191	53.0	184.8	48.8	92.2	157.1	318.1	340.1	655.6	11.7	100.7	107.0
	Noncorporate ownership	5	4	1.5	4.8	1.1	2.1	4.2	7.2	6.0	13.1	(Z)	1.6	1.8
	Single unit companies, total	369	263	33.3	125.7	30.5	56.6	102.1	214.9	242.5	458.1	4.5	71.5	68.5
	Corporate ownership or control	296	233	30.9	117.5	28.3	52.7	94.5	200.7	234.3	435.8	4.4	69.7	66.5
	Noncorporate ownership	73	30	2.3	8.2	2.2	3.9	7.5	14.2	8.3	22.3	.1	1.8	2.0
	Administrative records <sup>e</sup>	119	-	.3	1.4	.3	.6	1.1	2.3	3.2	5.6	(Z)	1.1	1.1
	Legal form of organization:													
	Corporate	493	424	83.9	302.3	77.2	144.9	251.6	518.8	574.4	1,091.4	16.1	170.4	173.5
	Noncorporate, total	78	34	3.8	13.0	3.3	6.0	11.7	21.4	14.3	35.4	.1	3.4	3.8
	Individual	49	16	1.3	4.5	1.2	2.2	4.0	8.3	4.3	12.4	.1	.8	1.0
	Partnership	27	16	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup>	119	-	.3	1.4	.3	.6	1.1	2.3	3.2	5.6	(Z)	1.1	1.1
2328	Men's and boys' work clothing, total	462	394	78.2	254.7	72.0	129.5	216.9	465.4	711.9	1,155.0	10.7	193.7	214.2
	Type of operation:													
	Multiunit companies, total	262	258	60.7	197.6	55.9	100.7	168.8	380.1	607.5	967.3	8.9	164.4	183.5
	Corporate ownership or control	257	253	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership	5	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total	156	136	17.4	56.6	16.0	28.5	47.6	84.3	102.4	184.7	1.8	28.8	30.2
	Corporate ownership or control	138	123	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership	18	13	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup>	44	-	.2	.6	.2	.3	.5	1.0	2.0	2.9	(Z)	.5	.5
	Legal form of organization:													
	Corporate	395	376	76.1	247.7	70.2	126.2	211.4	454.8	696.2	1,128.8	10.4	189.9	210.1
	Noncorporate, total	23	18	1.9	6.4	1.7	3.0	5.0	9.6	13.8	23.2	.3	3.2	3.6
	Individual	8	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership	14	13	1.3	4.4	1.1	1.9	3.3	6.5	9.6	16.2	.3	2.2	2.2
	Other	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup>	44	-	.2	.6	.2	.3	.5	1.0	2.0	2.9	(Z)	.5	.5
2329	Men's and boys' clothing, N.E.C., total	549	367	42.6	170.6	38.1	68.2	133.4	318.1	360.4	677.7	5.1	108.7	111.4
	Type of operation:													
	Multiunit companies, total	105	91	18.2	70.7	16.1	28.8	53.0	152.3	194.7	345.0	2.5	69.9	72.2
	Corporate ownership or control	103	90	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total	378	276	24.2	99.1	21.8	39.1	78.8	164.5	163.4	329.2	2.6	38.2	38.5
	Corporate ownership or control	327	245	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership	51	31	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup>	66	-	.2	.8	.2	.3	.6	1.3	2.2	3.5	(Z)	.6	.6
	Legal form of organization:													
	Corporate	430	335	40.4	162.3	36.1	64.8	126.4	305.1	347.8	651.9	5.0	105.2	108.2
	Noncorporate, total	53	32	2.0	7.4	1.8	3.1	6.4	11.7	10.4	22.3	.1	2.9	2.6
	Individual	36	15	.7	2.4	.6	1.1	2.2	3.3	1.9	5.1	(Z)	.4	.5
	Partnership	17	17	1.3	5.0	1.2	2.0	4.2	8.4	8.5	17.2	.1	2.5	2.0
	Other	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup>	66	-	.2	.8	.2	.3	.6	1.3	2.2	3.5	(Z)	.6	.6
2331	Women's and misses' blouses, waists, total	990	626	56.1	209.0	50.5	90.4	166.9	384.2	354.0	727.0	6.2	72.3	85.0
	Type of operation:													
	Multiunit companies, total	128	115	22.4	80.0	20.0	36.8	64.1	160.1	128.3	280.1	3.4	46.1	54.8
	Corporate ownership or control	124	111	20.8	74.8	18.7	34.6	60.0	154.9	128.1	274.9	3.4	45.9	54.5
	Noncorporate ownership	4	4	1.6	5.2	1.4	2.2	4.1	5.1	.2	5.2	(D)	.2	.3
	Single unit companies, total	734	511	33.3	127.4	30.1	53.0	101.6	221.2	222.4	440.7	2.7	25.5	29.6
	Corporate ownership or control	523	394	27.8	109.4	24.8	44.3	85.0	190.0	208.9	396.6	2.4	24.5	27.4
	Noncorporate ownership	211	117	5.5	17.9	5.3	8.7	16.6	31.2	13.6	44.1	.3	1.1	2.2
	Administrative records <sup>e</sup>	128	-	.4	1.6	.4	.6	1.2	3.0	3.2	6.2	(Z)	.6	.6
	Legal form of organization:													
	Corporate	647	505	48.6	184.3	43.5	78.9	145.0	344.9	337.0	671.5	5.8	70.3	81.9
	Noncorporate, total	215	121	7.1	23.1	6.7	10.9	20.7	36.3	13.7	49.3	.3	1.3	2.5
	Individual	149	66	3.3	10.7	3.2	5.3	9.8	19.2	9.9	28.4	.2	.6	1.6
	Partnership	65	54	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup>	128	-	.4	1.6	.4	.6	1.2	3.0	3.2	6.2	(Z)	.6	.6

See footnotes at end of table.



TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967-Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new <sup>2</sup> (million dollars)	Inventories end of--	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
2335	Women's and misses' dresses, total...	5,225	3,098	209.6	889.4	183.7	322.8	687.1	1,588.5	1,507.8	3,086.3	18.6	205.4	223.9
	Type of operation:													
	Multiunit companies, total.....	361	326	47.1	190.4	40.2	72.8	141.3	366.2	429.3	793.7	5.4	86.4	90.4
	Corporate ownership or control...	337	302	45.2	183.9	38.5	69.8	135.8	354.3	420.8	774.2	5.3	85.5	88.7
	Noncorporate ownership.....	24	24	1.9	6.5	1.7	3.1	5.5	11.9	8.5	19.5	.1	1.0	1.7
	Single unit companies, total.....	3,980	2,772	160.0	687.6	141.0	246.1	537.1	1,200.7	1,056.9	2,249.5	13.0	114.9	129.4
	Corporate ownership or control...	2,993	2,312	135.5	596.3	118.3	207.5	456.6	1,056.1	974.8	2,023.9	11.9	106.7	119.4
	Noncorporate ownership.....	987	460	24.4	91.3	22.8	38.5	80.5	144.5	82.2	225.5	1.1	8.2	10.0
	Administrative records <sup>e</sup> .....	884	-	2.5	11.5	2.5	3.9	8.7	21.6	21.6	43.2	.1	4.1	4.1
	Legal form of organization:													
	Corporate.....	3,330	2,614	180.8	780.2	156.8	277.3	592.4	1,410.4	1,395.5	2,798.1	17.3	192.1	208.1
	Noncorporate, total.....	1,011	484	26.3	97.8	24.4	41.6	86.0	156.4	90.7	245.1	1.2	9.2	11.8
	Individual.....	780	297	16.0	58.6	14.9	25.1	51.7	87.8	45.4	133.3	.6	5.7	5.6
	Partnership.....	225	181	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	6	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	884	-	2.5	11.5	2.5	3.9	8.7	21.6	21.6	43.2	.1	4.1	4.1
2337	Women's and misses' suits and coats, total.....	2,101	1,235	83.8	423.3	71.6	127.4	308.7	786.7	977.5	1,776.4	9.5	165.0	153.0
	Type of operation:													
	Multiunit companies, total.....	124	108	16.6	89.2	13.1	24.6	57.2	204.2	278.6	495.1	3.7	77.4	66.0
	Corporate ownership or control...	122	106	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	1,737	1,127	66.6	330.9	57.9	102.0	249.2	576.4	691.1	1,267.6	5.8	86.4	85.8
	Corporate ownership or control...	1,372	987	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	365	140	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	240	-	.6	3.3	.6	.9	2.3	6.0	7.7	13.8	(Z)	1.2	1.2
	Legal form of organization:													
	Corporate.....	1,494	1,093	74.2	381.7	62.8	112.4	273.9	717.3	923.1	1,652.9	9.1	158.9	145.9
	Noncorporate, total.....	367	142	8.9	38.4	8.2	14.1	32.5	63.4	46.6	109.7	.4	4.9	5.8
	Individual.....	268	78	4.9	21.1	4.6	8.0	17.8	34.3	26.7	60.9	.2	2.5	3.2
	Partnership.....	96	62	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	3	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	240	-	.6	3.3	.6	.9	2.3	6.0	7.7	13.8	(Z)	1.2	1.2
2339	Women's and misses' outerwear, N.E.C., total.....	1,100	656	59.7	234.1	51.7	93.9	172.9	423.2	518.2	944.3	8.1	143.0	144.3
	Type of operation:													
	Multiunit companies, total.....	136	124	22.3	89.8	18.3	33.6	60.2	170.9	254.5	429.8	4.0	85.7	85.6
	Corporate ownership or control...	134	122	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	759	532	36.6	141.3	32.7	59.0	110.5	247.1	257.0	502.7	4.0	55.6	57.0
	Corporate ownership or control...	605	463	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	154	69	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	205	-	.8	3.0	.8	1.3	2.2	5.1	6.7	11.8	.1	1.7	1.7
	Legal form of organization:													
	Corporate.....	739	585	54.2	214.6	46.6	84.8	156.6	390.2	495.4	888.8	7.8	136.4	137.4
	Noncorporate, total.....	156	71	4.7	16.5	4.3	7.8	14.1	27.8	16.1	43.7	.2	4.9	5.2
	Individual.....	118	46	2.8	9.9	2.6	4.8	8.7	16.7	6.6	23.0	.1	1.7	2.1
	Partnership.....	37	24	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	205	-	.8	3.0	.8	1.3	2.2	5.1	6.7	11.8	.1	1.7	1.7
2341	Women's and children's underwear, total.....	890	567	75.5	282.3	67.2	120.0	221.3	515.9	604.0	1,116.8	11.0	165.0	169.2
	Type of operation:													
	Multiunit companies, total.....	200	186	40.5	151.6	36.3	65.5	117.7	289.1	312.1	599.4	7.7	98.5	101.1
	Corporate ownership or control...	195	181	40.0	150.0	35.8	64.6	116.3	287.0	311.5	596.7	7.7	98.4	101.0
	Noncorporate ownership.....	5	5	.5	1.6	.5	.8	1.4	2.1	.5	2.7	(Z)	.1	.1
	Single unit companies, total.....	540	381	34.5	128.7	30.4	53.8	102.0	223.0	285.6	507.4	3.3	65.2	66.8
	Corporate ownership or control...	437	324	31.1	116.5	27.2	48.2	91.5	201.5	256.5	456.1	3.0	58.2	60.3
	Noncorporate ownership.....	103	57	3.4	12.2	3.2	5.5	10.5	21.5	29.2	51.3	.2	7.0	6.4
	Administrative records <sup>e</sup> .....	150	-	.5	2.0	.5	.8	1.6	3.7	6.3	10.0	(Z)	1.4	1.4
	Legal form of organization:													
	Corporate.....	632	505	71.1	266.5	63.0	112.9	207.8	488.5	568.0	1,052.9	10.8	156.6	161.4
	Noncorporate, total.....	108	62	3.9	13.8	3.6	6.4	12.0	23.7	29.7	53.9	.3	7.1	6.5
	Individual.....	54	19	.9	3.0	.8	1.3	2.6	4.9	6.0	10.9	.1	1.2	1.2
	Partnership.....	54	43	3.0	10.8	2.8	5.0	9.3	18.8	23.7	43.0	.2	5.8	5.2
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	150	-	.5	2.0	.5	.8	1.6	3.7	6.3	10.0	(Z)	1.4	1.4
2342	Corsets and allied garments, total ..	323	241	38.0	161.5	32.1	57.7	109.1	351.4	310.2	663.3	6.7	123.3	116.2
	Type of operation:													
	Multiunit companies, total.....	114	109	26.4	108.8	22.2	40.3	75.5	258.9	209.2	470.8	5.5	97.3	88.2
	Corporate ownership or control...	112	107	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	166	132	11.5	52.2	9.8	17.2	33.3	91.5	99.8	190.3	1.2	25.6	27.7
	Corporate ownership or control...	151	126	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	15	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	43	-	.1	.5	.1	.2	.3	1.0	1.2	2.2	(Z)	.3	.3
	Legal form of organization:													
	Corporate.....	263	233	37.3	158.7	31.5	56.7	107.2	345.0	305.5	652.0	6.7	121.8	114.8
	Noncorporate, total.....	17	8	.5	2.2	.5	.9	1.6	5.4	3.5	9.0	(Z)	1.2	1.1
	Individual.....	11	2	.3	1.3	.3	.5	.9	3.8	2.6	6.4	(Z)	.8	.7
	Partnership.....	6	6	.3	1.0	.2	.4	.7	1.6	1.0	2.6	(Z)	.4	.4
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	43	-	.1	.5	.1	.2	.3	1.0	1.2	2.2	(Z)	.3	.3

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967-Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new <sup>2</sup>	Inventories end of-	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
2351	Millinery, total .....	477	133	8.2	36.9	7.2	12.3	29.1	63.5	48.8	112.4	.5	6.7	6.4
	Type of operation:													
	Multiunit companies, total.....	3	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Corporate ownership or control...	3	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	291	130	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Corporate ownership or control...	233	118	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	58	12	.7	3.2	.6	1.2	2.7	6.2	5.0	11.1	(Z)	.4	.5
	Administrative records <sup>e</sup> .....	183	-	.5	2.1	.5	.8	1.8	4.8	3.3	8.1	.1	.4	.4
	Legal form of organization:													
	Corporate.....	236	121	7.0	31.6	6.0	10.4	24.6	52.5	40.5	93.2	.4	5.9	5.5
	Noncorporate, total.....	58	12	.7	3.2	.6	1.2	2.7	6.2	5.0	11.1	(Z)	.4	.5
	Individual.....	45	7	.5	2.1	.5	.8	1.8	3.9	3.0	6.9	(Z)	.3	.3
	Partnership.....	11	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	183	-	.5	2.1	.5	.8	1.8	4.8	3.3	8.1	.1	.4	.4
2352	Hats and caps, except millinery, total .....	366	157	15.5	64.8	13.7	24.8	48.6	100.7	92.6	194.5	1.8	29.6	28.3
	Type of operation:													
	Multiunit companies, total.....	43	43	7.5	31.9	6.4	11.6	22.8	48.2	47.5	97.3	1.0	18.4	16.4
	Corporate ownership or control...	43	43	7.5	31.9	6.4	11.6	22.8	48.2	47.5	97.3	1.0	18.4	16.4
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	187	114	7.6	31.5	6.9	12.6	24.7	49.6	42.7	92.0	.7	10.6	11.3
	Corporate ownership or control...	148	102	6.9	28.8	6.2	11.4	22.4	44.7	37.0	81.1	.7	9.2	10.0
	Noncorporate ownership.....	39	12	.7	2.7	.7	1.2	2.3	5.0	5.8	10.9	(Z)	1.4	1.2
	Administrative records <sup>e</sup> .....	136	-	.4	1.4	.4	.6	1.1	2.9	2.4	5.3	(Z)	.7	.7
	Legal form of organization:													
	Corporate.....	191	145	14.3	60.7	12.6	23.0	45.2	92.9	84.4	178.4	1.7	27.5	26.4
	Noncorporate, total.....	39	12	.7	2.7	.7	1.2	2.3	5.0	5.8	10.9	(Z)	1.4	1.2
	Individual.....	24	2	.3	1.1	.3	.5	.9	2.2	2.1	4.4	(Z)	.5	.4
	Partnership.....	15	10	.4	1.6	.4	.7	1.3	2.8	3.7	6.5	(Z)	.9	.8
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	136	-	.4	1.4	.4	.6	1.1	2.9	2.4	5.3	(Z)	.7	.7
2361	Children's dresses and blouses, total .....	623	428	35.3	134.6	31.2	54.6	103.2	242.4	252.4	496.0	3.4	48.2	47.2
	Type of operation:													
	Multiunit companies, total.....	94	81	12.6	47.6	10.8	20.0	36.2	83.2	84.6	169.7	.8	23.1	21.4
	Corporate ownership or control...	94	81	12.6	47.6	10.8	20.0	36.2	83.2	84.6	169.7	.8	23.1	21.4
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	455	347	22.6	86.2	20.2	34.3	66.5	157.6	165.6	322.6	2.6	24.7	25.3
	Corporate ownership or control...	354	283	19.2	75.1	16.9	29.1	56.9	139.6	154.7	293.8	2.3	22.3	22.8
	Noncorporate ownership.....	101	64	3.4	11.1	3.2	5.1	9.6	17.9	10.9	28.8	.3	2.5	2.5
	Administrative records <sup>e</sup> .....	74	-	.2	.8	.2	.3	.5	1.6	2.2	3.8	(Z)	.4	.4
	Legal form of organization:													
	Corporate.....	448	364	31.7	122.7	27.8	49.2	93.1	222.9	239.3	463.4	3.2	45.3	44.3
	Noncorporate, total.....	101	64	3.4	11.1	3.2	5.1	9.6	17.9	10.9	28.8	.3	2.5	2.5
	Individual.....	61	31	1.5	4.8	1.5	2.4	4.3	6.8	1.7	8.4	.1	.3	.3
	Partnership.....	38	31	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	74	-	.2	.8	.2	.3	.5	1.6	2.2	3.8	(Z)	.4	.4
2363	Children's coats and suits, total ...	231	135	10.9	45.9	9.6	17.7	34.3	78.2	96.0	175.3	1.4	17.3	15.8
	Type of operation:													
	Multiunit companies, total.....	36	31	3.8	16.7	3.3	6.3	12.0	30.1	37.7	68.7	.6	8.1	6.7
	Corporate ownership or control...	33	29	3.7	15.8	3.2	6.1	11.4	26.3	30.1	57.2	(D)	7.1	5.8
	Noncorporate ownership.....	3	2	.2	.9	.1	.3	.6	3.8	7.6	11.5	(D)	1.1	.9
	Single unit companies, total.....	153	104	6.9	28.5	6.1	11.1	21.8	47.0	56.9	104.0	.8	8.8	8.8
	Corporate ownership or control...	129	86	6.0	25.3	5.3	9.7	19.1	42.5	53.4	96.0	(D)	7.9	7.7
	Noncorporate ownership.....	24	18	.9	3.3	.8	1.3	2.8	4.5	3.4	7.9	(D)	.9	1.1
	Administrative records <sup>e</sup> .....	42	-	.1	.7	.1	.2	.5	1.2	1.5	2.6	(Z)	.4	.4
	Legal form of organization:													
	Corporate.....	162	115	9.7	41.1	8.5	15.8	30.4	68.7	83.5	153.3	1.1	15.0	13.4
	Noncorporate, total.....	27	20	1.0	4.1	.9	1.6	3.4	8.3	11.0	19.4	.2	2.0	2.0
	Individual.....	12	7	.3	.9	.2	.4	.7	1.4	.8	2.3	(Z)	.3	.2
	Partnership.....	15	13	.8	3.2	.7	1.2	2.7	6.9	10.2	17.1	.2	1.7	1.8
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	42	-	.1	.7	.1	.2	.5	1.2	1.5	2.6	(Z)	.4	.4
2369	Children's outerwear, N.E.C., total..	480	286	32.0	117.7	28.8	53.6	95.3	217.3	243.1	456.2	4.3	63.6	68.5
	Type of operation:													
	Multiunit companies, total.....	64	58	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Corporate ownership or control...	62	56	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	338	228	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Corporate ownership or control...	270	203	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	68	25	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	78	-	.3	1.2	.3	.5	.9	2.1	2.6	4.7	(Z)	.7	.7
	Legal form of organization:													
	Corporate.....	332	259	28.9	106.2	25.9	48.1	85.2	195.2	219.2	409.2	3.9	56.4	62.4
	Noncorporate, total.....	70	27	2.8	10.4	2.6	5.0	9.2	20.0	21.3	42.4	.4	6.6	5.4
	Individual.....	48	10	.7	2.4	.6	1.2	2.1	4.0	2.7	6.7	.1	.5	.5
	Partnership.....	22	17	2.1	8.0	2.0	3.8	7.1	16.0	18.6	35.7	.2	6.1	4.9
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	78	-	.3	1.2	.3	.5	.9	2.1	2.6	4.7	(Z)	.7	.7

See footnotes at end of table.



**TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967—Continued**

Code	Item	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new <sup>2</sup> (million dollars)	Inventories end-of—	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
2371	Fur goods, total.....	1,304	88	8.5	59.4	7.3	13.2	47.4	117.2	215.7	333.2	1.1	33.7	33.3
	Type of operation:													
	Multiunit companies, total.....	4	1	.1	.4	(2)	.1	.3	.7	1.1	1.9	(D)	.3	.3
	Corporate ownership or control...	3	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	—	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	751	87	7.7	54.9	6.4	11.9	43.6	105.0	197.2	302.5	(D)	30.2	29.8
	Corporate ownership or control...	518	82	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	233	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	549	—	.8	4.0	.8	1.2	3.5	11.4	17.4	28.8	.1	3.2	3.2
	Legal form of organization:													
	Corporate.....	521	83	6.4	47.1	5.3	9.8	36.7	88.3	166.0	254.3	1.0	24.9	24.9
	Noncorporate, total.....	234	5	1.3	8.2	1.2	2.2	7.2	17.4	32.2	50.1	.1	5.6	5.2
	Individual <sup>e</sup> .....	177	2	.8	4.8	.8	1.4	4.1	10.9	18.1	29.2	(D)	3.2	3.0
	Partnership.....	55	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	2	—	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	549	—	.8	4.0	.8	1.2	3.5	11.4	17.4	28.8	.1	3.2	3.2
2381	Fabric dress and work gloves, total...	172	110	14.0	48.7	13.0	24.5	41.8	86.5	94.8	176.6	1.8	20.1	25.8
	Type of operation:													
	Multiunit companies, total.....	56	53	9.3	32.4	8.7	16.3	27.8	60.9	56.8	113.4	1.2	12.5	17.9
	Corporate ownership or control...	56	53	9.3	32.4	8.7	16.3	27.8	60.9	56.8	113.4	1.2	12.5	17.9
	Noncorporate ownership.....	—	—	—	—	—	—	—	—	—	—	—	—	—
	Single unit companies, total.....	75	57	4.6	15.8	4.2	8.0	13.6	24.6	36.3	60.5	.5	7.1	7.5
	Corporate ownership or control...	61	49	4.3	14.7	3.8	7.4	12.7	22.6	34.4	56.6	.5	6.8	7.2
	Noncorporate ownership.....	14	8	.3	1.1	.3	.6	.9	2.0	1.9	3.9	.1	.3	.3
	Administrative records <sup>e</sup> .....	41	—	.1	.5	.1	.2	.4	1.0	1.6	2.6	(2)	.4	.4
	Legal form of organization:													
	Corporate.....	117	102	13.6	47.1	12.6	23.7	40.5	83.5	91.2	170.1	1.7	19.3	25.1
	Noncorporate, total.....	14	8	.3	1.1	.3	.6	.9	2.0	1.9	3.9	.1	.3	.3
	Individual.....	14	8	.3	1.1	.3	.6	.9	2.0	1.9	3.9	.1	.3	.3
	Partnership.....	—	—	—	—	—	—	—	—	—	—	—	—	—
	Other.....	—	—	—	—	—	—	—	—	—	—	—	—	—
	Administrative records <sup>e</sup> .....	41	—	.1	.5	.1	.2	.4	1.0	1.6	2.6	(2)	.4	.4
2384	Robes and dressing gowns total.....	241	139	11.3	42.9	10.1	17.6	33.1	81.9	118.2	200.2	1.5	18.0	18.4
	Type of operation:													
	Multiunit companies, total.....	18	14	2.8	10.4	2.5	4.5	8.1	22.3	35.7	58.2	.6	6.4	6.4
	Corporate ownership or control...	18	14	2.8	10.4	2.5	4.5	8.1	22.3	35.7	58.2	.6	6.4	6.4
	Noncorporate ownership.....	—	—	—	—	—	—	—	—	—	—	—	—	—
	Single unit companies, total.....	178	125	8.4	31.9	7.5	12.9	24.5	58.0	79.4	137.2	.8	11.2	11.4
	Corporate ownership or control...	140	103	7.4	28.6	6.6	11.5	21.6	51.3	76.9	128.1	.8	10.8	11.0
	Noncorporate ownership.....	38	22	.9	3.3	.9	1.4	2.9	6.7	2.5	9.2	(2)	.4	.4
	Administrative records <sup>e</sup> .....	45	—	.2	.6	.2	.2	.5	1.6	3.2	4.7	(2)	.5	.5
	Legal form of organization:													
	Corporate.....	158	117	10.2	39.0	9.1	16.0	29.7	73.7	112.5	186.3	1.4	17.1	17.5
	Noncorporate, total.....	38	22	.9	3.3	.9	1.4	2.9	6.7	2.5	9.2	(2)	.4	.4
	Individual.....	24	11	.4	1.5	.4	.7	1.4	3.6	1.2	4.8	(2)	.1	.1
	Partnership.....	14	11	.5	1.8	.5	.8	1.5	3.1	1.3	4.4	(2)	.3	.3
	Other.....	—	—	—	—	—	—	—	—	—	—	—	—	—
	Administrative records <sup>e</sup> .....	45	—	.2	.6	.2	.2	.5	1.6	3.2	4.7	(2)	.5	.5
2385	Waterproof outer garments, total.....	319	212	23.3	95.3	20.2	36.9	70.9	174.4	197.9	371.9	2.9	46.7	48.7
	Type of operation:													
	Multiunit companies, total.....	52	48	10.0	41.4	8.3	15.2	29.1	81.9	90.2	172.0	1.6	32.0	33.2
	Corporate ownership or control...	45	41	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	7	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	231	164	13.2	53.5	11.7	21.5	41.4	91.5	106.3	197.4	1.3	14.5	15.3
	Corporate ownership or control...	200	151	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	31	13	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	36	—	.1	.5	.1	.2	.3	1.0	1.5	2.5	(2)	.2	.2
	Legal form of organization:													
	Corporate.....	245	192	21.6	89.0	18.5	33.9	65.2	162.5	188.2	350.3	2.9	45.7	47.8
	Noncorporate, total.....	38	20	1.6	5.8	1.6	2.8	5.4	10.9	8.2	19.2	(2)	.8	.7
	Individual <sup>e</sup> .....	22	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	15	14	1.3	4.7	1.3	2.4	4.5	9.3	6.9	16.1	(2)	.6	.6
	Other.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	36	—	.1	.5	.1	.2	.3	1.0	1.5	2.5	(2)	.2	.2
2386	Leather and sheep-lined clothing, total.....	139	71	5.1	23.9	4.6	8.3	18.7	43.4	55.1	98.8	.5	9.1	8.8
	Type of operation:													
	Multiunit companies, total.....	10	10	1.2	5.6	1.1	1.9	4.1	11.0	10.2	21.9	.2	3.7	2.7
	Corporate ownership or control...	10	10	1.2	5.6	1.1	1.9	4.1	11.0	10.2	21.9	.2	3.7	2.7
	Noncorporate ownership.....	—	—	—	—	—	—	—	—	—	—	—	—	—
	Single unit companies, total.....	94	61	3.9	17.8	3.4	6.3	14.3	31.8	44.0	75.4	.4	5.2	5.9
	Corporate ownership or control...	82	57	3.6	16.8	3.2	5.9	13.3	30.2	41.9	71.7	.4	5.1	5.8
	Noncorporate ownership.....	12	4	.2	1.0	.2	.4	1.0	1.6	2.1	3.7	(2)	.2	.2
	Administrative records <sup>e</sup> .....	35	—	.1	.4	.1	.1	.3	.6	.9	1.5	(2)	.2	.2
	Legal form of organization:													
	Corporate.....	92	67	4.8	22.4	4.3	7.8	17.4	41.2	52.1	93.5	.5	8.7	8.5
	Noncorporate, total.....	12	4	.2	1.0	.2	.4	1.0	1.6	2.1	3.7	(2)	.2	.2
	Individual.....	9	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	3	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	—	—	—	—	—	—	—	—	—	—	—	—	—
	Administrative records <sup>e</sup> .....	35	—	.1	.4	.1	.1	.3	.6	.9	1.5	(2)	.2	.2

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967-Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new <sup>2</sup> (million dollars)	Inventories end of--	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
2387	Apparel belts, total .....	277	108	8.5	38.6	7.2	12.7	24.6	68.0	61.5	130.2	.9	16.0	15.6
	Type of operation:													
	Multiunit companies, total.....	18	17	2.8	14.4	2.1	3.6	6.9	28.0	26.9	55.6	.4	10.4	9.7
	Corporate ownership or control...	18	17	2.8	14.4	2.1	3.6	6.9	28.0	26.9	55.6	.4	10.4	9.7
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	161	91	5.4	22.9	4.8	8.6	16.8	37.4	32.7	70.0	.5	5.3	5.6
	Corporate ownership or control...	131	83	5.0	21.3	4.4	8.0	15.5	34.4	29.8	64.0	.4	4.9	5.3
	Noncorporate ownership.....	30	8	.4	1.6	.4	.6	1.2	3.0	2.9	6.0	(Z)	.3	.3
	Administrative records <sup>e</sup> .....	98	-	.3	1.3	.3	.5	1.0	2.6	2.0	4.6	(Z)	.4	.4
	Legal form of organization:													
	Corporate.....	149	100	7.8	35.7	6.5	11.6	22.4	62.4	56.7	119.6	.8	15.3	14.9
	Noncorporate, total.....	30	8	.4	1.6	.4	.6	1.2	3.0	2.9	6.0	(Z)	.3	.3
	Individual.....	24	4	.2	.9	.2	.4	.7	1.6	1.6	3.3	(Z)	.3	.2
	Partnership.....	6	4	.2	.7	.1	.2	.5	1.4	1.3	2.7	(Z)	.1	.1
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	98	-	.3	1.3	.3	.5	1.0	2.6	2.0	4.6	(Z)	.4	.4
2389	Apparel and accessories, N.E.C., total	249	102	8.4	35.1	7.1	12.4	24.5	55.8	63.3	119.5	2.9	21.4	21.2
	Type of operation:													
	Multiunit companies, total.....	31	27	3.4	13.6	2.9	5.2	9.5	18.9	25.2	44.1	1.8	8.0	8.3
	Corporate ownership or control...	30	27	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	133	75	4.8	20.7	4.0	7.0	14.4	35.5	36.5	72.2	1.1	12.7	12.1
	Corporate ownership or control...	99	64	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	34	11	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	85	-	.2	.8	.2	.3	.5	1.5	1.6	3.1	-	.7	.7
	Legal form of organization:													
	Corporate.....	129	91	7.6	32.3	6.4	11.3	22.3	50.6	58.7	109.7	2.9	20.0	19.6
	Noncorporate, total.....	35	11	.6	2.0	.5	.8	1.7	3.8	3.0	6.6	(Z)	.7	.9
	Individual <sup>e</sup> .....	22	3	.2	.8	.2	.3	.6	1.3	.7	2.0	(Z)	.3	.3
	Partnership.....	13	8	.3	1.3	.3	.5	1.0	2.5	2.3	4.6	(Z)	.4	.6
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	85	-	.2	.8	.2	.3	.5	1.5	1.6	3.1	-	.7	.7
2391	Curtains and draperies, total .....	1,430	273	25.7	100.5	22.7	42.6	78.1	178.2	241.5	418.7	3.9	42.2	44.4
	Type of operation:													
	Multiunit companies, total.....	82	70	10.1	39.2	9.0	17.0	30.8	74.9	133.8	206.8	2.7	22.9	25.4
	Corporate ownership or control...	77	68	10.0	38.9	8.9	16.9	30.5	74.4	133.4	206.0	2.7	22.9	25.4
	Noncorporate ownership.....	5	2	.1	.3	.1	.2	.3	.5	.4	.9	(Z)	(Z)	(Z)
	Single unit companies, total.....	506	203	13.4	53.7	11.6	22.0	41.1	87.9	97.6	186.5	1.2	17.5	17.2
	Corporate ownership or control...	329	167	11.0	44.7	9.5	17.9	33.5	72.4	84.6	158.0	1.0	15.5	15.0
	Noncorporate ownership.....	177	36	2.4	9.0	2.2	4.1	7.6	15.5	13.1	28.5	.2	1.9	2.2
	Administrative records <sup>e</sup> .....	842	-	2.1	7.6	2.1	3.6	6.2	15.3	10.1	25.4	(Z)	1.8	1.8
	Legal form of organization:													
	Corporate.....	406	235	21.1	83.7	18.3	34.8	64.0	146.8	218.0	364.0	3.7	38.4	40.4
	Noncorporate, total.....	182	38	2.5	9.3	2.3	4.2	7.8	16.0	13.5	29.3	.2	1.9	2.2
	Individual.....	148	18	1.4	5.0	1.2	2.2	4.2	8.7	5.0	13.7	.1	.5	.6
	Partnership.....	33	19	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	842	-	2.1	7.6	2.1	3.6	6.2	15.3	10.1	25.4	(Z)	1.8	1.8
2392	Housefurnishings, N.E.C., total .....	1,228	421	46.3	196.3	39.3	76.4	144.5	353.7	608.1	962.8	11.9	131.3	132.5
	Type of operation:													
	Multiunit companies, total.....	126	107	22.6	98.0	18.9	38.2	73.2	167.1	351.8	521.0	6.0	79.2	77.7
	Corporate ownership or control...	123	105	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	3	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	608	314	22.5	93.7	19.2	36.3	67.7	174.9	244.0	417.6	5.9	49.2	52.0
	Corporate ownership or control...	472	294	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	136	20	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	494	-	1.2	4.6	1.2	2.0	3.6	11.7	12.4	24.1	(Z)	2.9	2.9
	Legal form of organization:													
	Corporate.....	595	399	42.2	180.1	35.5	69.5	131.9	315.5	560.9	877.9	11.5	121.7	122.0
	Noncorporate, total.....	139	22	2.9	11.5	2.6	5.0	9.0	26.5	34.9	60.8	.4	6.8	7.7
	Individual <sup>e</sup> .....	98	3	.7	2.8	.6	1.1	2.3	6.4	6.4	12.8	.1	1.3	1.2
	Partnership.....	38	16	1.9	7.8	1.7	3.4	5.9	18.3	26.7	44.5	.2	5.1	5.9
	Other.....	3	3	.3	1.0	.3	.5	.7	1.8	1.8	3.5	.1	.4	.5
	Administrative records <sup>e</sup> .....	494	-	1.2	4.6	1.2	2.0	3.6	11.7	12.4	24.1	(Z)	2.9	2.9
2393	Textile bags, total .....	198	97	9.1	38.0	8.1	15.5	28.7	88.5	204.6	291.1	1.9	30.1	32.9
	Type of operation:													
	Multiunit companies, total.....	50	44	5.6	23.3	4.9	9.7	17.9	54.3	122.6	175.5	1.1	17.7	19.9
	Corporate ownership or control...	48	42	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	99	53	3.4	14.1	3.0	5.6	10.4	32.8	79.6	111.8	.7	11.9	12.5
	Corporate ownership or control...	76	48	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	23	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	49	-	.1	.6	.1	.2	.5	1.4	2.4	3.8	(Z)	.5	.5
	Legal form of organization:													
	Corporate.....	124	90	8.5	35.6	7.5	14.4	26.7	82.3	190.1	270.4	1.8	28.5	31.2
	Noncorporate, total.....	25	7	.5	1.8	.5	.9	1.5	4.8	12.1	16.8	.1	1.1	1.1
	Individual.....	18	3	.2	.6	.2	.3	.5	1.3	1.9	3.2	(Z)	.3	.3
	Partnership.....	7	4	.3	1.1	.3	.5	.9	3.6	10.2	13.7	(Z)	.8	.8
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	49	-	.1	.6	.1	.2	.5	1.4	2.4	3.8	(Z)	.5	.5

See footnotes at end of table.



TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967—Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new <sup>2</sup> (million dollars)	Inventories end of—	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
2394	Canvas products, total.....	860	147	15.2	68.5	12.9	24.0	48.7	126.9	148.1	273.6	3.4	38.5	43.3
	Type of operation:													
	Multiunit companies, total.....	46	34	5.4	23.4	4.5	8.4	16.8	47.7	61.4	108.1	1.4	16.3	19.7
	Corporate ownership or control...	46	34	5.4	23.4	4.5	8.4	16.8	47.7	61.4	108.1	1.4	16.3	19.7
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	348	113	8.6	40.2	7.2	13.6	28.2	68.4	76.4	144.4	2.0	19.1	20.6
	Corporate ownership or control...	229	107	7.7	36.2	6.4	12.1	25.0	60.7	68.7	129.1	1.8	17.5	18.8
	Noncorporate ownership.....	119	6	.9	4.0	.8	1.5	3.2	7.7	7.7	15.4	.2	1.6	1.7
	Administrative records <sup>e</sup> .....	466	-	1.2	4.9	1.2	2.0	3.8	10.8	10.3	21.1	(Z)	3.1	3.1
	Legal form of organization:													
	Corporate.....	275	141	13.1	59.6	10.9	20.5	41.8	108.4	130.2	237.2	3.2	33.8	38.5
	Noncorporate, total.....	119	6	.9	4.0	.8	1.5	3.2	7.7	7.7	15.4	.2	1.6	1.7
	Individual.....	99	4	.7	2.9	.6	1.1	2.4	5.6	5.5	11.0	.1	1.3	1.4
	Partnership.....	20	2	.2	1.1	.2	.4	.9	2.2	2.2	4.3	.1	.3	.3
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	466	-	1.2	4.9	1.2	2.0	3.8	10.8	10.3	21.1	(Z)	3.1	3.1
2395	Pleating and stitching, total.....	1,107	207	13.5	54.3	12.5	22.2	45.8	90.2	49.2	139.3	1.5	7.2	7.5
	Type of operation:													
	Multiunit companies, total.....	17	11	.8	3.0	.7	1.3	2.6	3.2	4.2	7.5	.1	1.1	.5
	Corporate ownership or control...	14	10	.7	2.8	.6	1.2	2.3	2.8	4.0	7.0	.1	1.1	.4
	Noncorporate ownership.....	3	1	.1	.2	.1	.1	.2	.4	.1	.5	-	(Z)	(Z)
	Single unit companies, total.....	453	196	11.1	45.1	10.1	18.1	37.8	74.5	39.2	113.4	1.4	4.8	5.7
	Corporate ownership or control...	333	173	9.7	39.8	8.7	15.7	32.8	64.4	36.0	100.1	1.3	4.5	5.4
	Noncorporate ownership.....	120	23	1.4	5.3	1.4	2.4	5.0	10.1	3.2	13.3	.1	.3	.3
	Administrative records <sup>e</sup> .....	637	-	1.7	6.1	1.7	2.8	5.5	12.6	5.9	18.4	(Z)	1.3	1.3
	Legal form of organization:													
	Corporate.....	347	183	10.4	42.6	9.4	16.9	35.1	67.2	40.0	107.1	1.4	5.6	5.9
	Noncorporate, total.....	123	24	1.5	5.6	1.4	2.5	5.2	10.4	3.4	13.8	.1	.3	.3
	Individual.....	94	11	.9	3.4	.8	1.5	3.2	6.2	1.6	7.8	.1	.2	.2
	Partnership.....	29	13	.6	2.2	.6	1.0	2.0	4.2	1.7	6.0	(Z)	.1	.1
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	637	-	1.7	6.1	1.7	2.8	5.5	12.6	5.9	18.4	(Z)	1.3	1.3
2396	Automotive and apparel trimmings, total.....	780	244	30.6	181.9	25.9	48.5	136.8	334.8	448.6	777.4	13.4	73.6	81.2
	Type of operation:													
	Multiunit companies, total.....	60	44	17.1	119.6	14.2	27.4	91.7	224.4	312.3	531.7	9.9	55.3	61.4
	Corporate ownership or control...	60	44	17.1	119.6	14.2	27.4	91.7	224.4	312.3	531.7	9.9	55.3	61.4
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	433	200	12.8	58.8	11.0	20.0	42.5	102.5	130.1	231.5	3.5	17.4	18.8
	Corporate ownership or control...	338	174	11.0	51.5	9.4	17.2	36.5	86.9	113.7	199.9	3.2	15.3	16.4
	Noncorporate ownership.....	95	26	1.8	7.3	1.6	2.9	5.9	15.7	16.3	31.6	.2	2.0	2.4
	Administrative records <sup>e</sup> .....	287	-	.8	3.6	.8	1.2	2.7	7.9	6.2	14.2	(Z)	1.0	1.0
	Legal form of organization:													
	Corporate.....	398	218	28.1	171.1	23.6	44.5	128.2	311.2	426.0	731.6	13.1	70.6	77.8
	Noncorporate, total.....	95	26	1.8	7.3	1.6	2.9	5.9	15.7	16.3	31.6	.2	2.0	2.4
	Individual.....	64	11	.7	3.0	.7	1.2	2.5	6.2	6.5	12.6	(Z)	.7	.8
	Partnership.....	29	14	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	287	-	.8	3.6	.8	1.2	2.7	7.9	6.2	14.2	(Z)	1.0	1.0
2397	Schiffli machine embroideries, total.....	608	61	5.4	30.5	5.0	10.4	25.1	59.5	40.3	99.6	.5	5.2	5.6
	Type of operation:													
	Multiunit companies, total.....	9	5	.7	3.6	.6	1.2	2.8	6.0	2.8	8.8	.1	.7	.8
	Corporate ownership or control...	9	5	.7	3.6	.6	1.2	2.8	6.0	2.8	8.8	.1	.7	.8
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	265	56	4.1	23.3	3.7	7.8	19.1	43.1	32.7	75.6	.3	3.5	4.0
	Corporate ownership or control...	173	48	3.3	18.6	2.9	6.1	14.9	33.6	26.5	60.0	.3	2.8	3.1
	Noncorporate ownership.....	92	8	.8	4.6	.8	1.7	4.3	9.5	6.2	15.6	.1	.7	.9
	Administrative records <sup>e</sup> .....	334	-	.7	3.7	.7	1.4	3.2	10.4	4.8	15.3	(Z)	.9	.9
	Legal form of organization:													
	Corporate.....	182	53	3.9	22.2	3.5	7.3	17.7	39.6	29.2	68.8	.4	3.6	3.9
	Noncorporate, total.....	92	8	.8	4.6	.8	1.7	4.3	9.5	6.2	15.6	.1	.7	.9
	Individual.....	53	5	.4	2.3	.4	.8	2.1	4.4	2.5	7.0	(Z)	.4	.4
	Partnership.....	38	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	334	-	.7	3.7	.7	1.4	3.2	10.4	4.8	15.3	(Z)	.9	.9
2399	Fabricated textile products, N.E.C., total.....	819	245	26.8	114.6	23.3	44.4	86.7	224.6	311.2	535.1	19.6	67.5	67.5
	Type of operation:													
	Multiunit companies, total.....	75	69	12.7	56.3	11.0	21.4	43.3	121.2	172.3	292.7	17.6	42.8	42.6
	Corporate ownership or control...	72	66	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	3	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	348	176	12.9	53.9	11.2	21.1	39.9	93.6	130.6	224.2	2.0	22.3	22.5
	Corporate ownership or control...	252	158	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	96	18	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	396	-	1.2	4.4	1.2	1.9	3.5	9.8	8.4	18.2	(Z)	2.4	2.4
	Legal form of organization:													
	Corporate.....	324	224	23.7	102.5	20.0	39.2	76.3	202.3	290.0	491.7	19.2	61.8	62.4
	Noncorporate, total.....	99	21	2.0	7.7	2.1	3.3	6.8	12.5	12.8	25.2	.4	3.4	2.7
	Individual.....	76	10	.8	3.5	.8	1.4	3.0	6.4	8.2	14.7	.2	1.6	1.5
	Partnership.....	21	10	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	396	-	1.2	4.4	1.2	1.9	3.5	9.8	8.4	18.2	(Z)	2.4	2.4

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967-Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new <sup>2</sup>	Inventories end of-	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1966	1967
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
24	Lumber and wood products, total .....	36,795	5,803	554.0	2,798.9	495.7	997.0	2,290.6	4,973.4	6,231.6	11,205.7	426.0	1,466.4	1,465.7
	Type of operation:													
	Multiunit companies, total.....	2,110	1,639	222.7	1,264.8	194.5	398.4	1,028.3	2,149.8	3,061.9	5,223.3	220.3	826.2	810.5
	Corporate ownership or control...	2,016	1,584	217.3	1,237.4	189.5	387.9	1,004.5	2,101.5	2,996.9	5,110.6	217.3	809.1	793.5
	Noncorporate ownership.....	94	55	5.4	27.5	4.9	10.4	23.8	48.3	65.0	112.8	3.0	17.2	17.0
	Single unit companies, total.....	10,900	4,164	279.5	1,351.6	249.3	486.7	1,103.7	2,410.3	2,740.4	5,139.9	172.9	541.4	556.6
	Corporate ownership or control...	5,929	3,393	216.9	1,076.7	190.5	375.0	852.5	1,875.9	2,225.5	4,092.7	123.5	461.4	475.2
	Noncorporate ownership.....	4,971	771	62.6	275.0	58.8	111.7	251.2	534.5	514.9	1,047.2	49.4	80.0	81.3
	Administrative records <sup>e</sup> .....	23,785	-	51.8	182.5	51.8	92.0	158.6	413.3	429.2	842.5	32.8	98.6	98.6
	Legal form of organization:													
	Corporate.....	7,945	4,977	434.2	2,314.0	380.0	763.0	1,857.0	3,977.3	5,222.4	9,203.3	340.8	1,270.6	1,268.7
	Noncorporate, total.....	5,065	826	68.0	302.4	63.7	122.1	275.0	582.8	579.9	1,160.0	52.5	97.2	98.4
	Individual.....	4,088	424	36.5	148.8	34.6	63.7	136.1	295.7	269.5	563.0	30.5	36.3	39.4
	Partnership.....	921	366	26.4	119.7	24.3	48.3	107.5	234.5	244.1	478.6	20.0	45.7	45.1
	Other.....	56	36	5.2	33.9	4.8	10.1	31.3	52.6	66.2	118.4	2.0	15.2	13.9
	Administrative records <sup>e</sup> .....	23,785	-	51.8	182.5	51.8	92.0	158.6	413.3	429.2	842.5	32.8	98.6	98.6
2411	Logging camps, logging contractors, total <sup>e</sup> .....	16,334	598	70.6	338.8	67.5	125.9	306.8	695.1	780.4	1,476.3	101.5	102.0	102.2
	Type of operation:													
	Multiunit companies, total.....	143	83	10.5	71.8	9.1	17.2	58.6	136.5	339.8	477.3	19.9	53.3	52.7
	Corporate ownership or control...	134	79	10.4	70.8	8.9	16.9	57.7	134.9	336.6	472.5	19.7	53.1	52.5
	Noncorporate ownership.....	9	4	.2	1.0	.1	.3	.9	1.6	3.2	4.8	.2	.2	.2
	Single unit companies, total.....	3,039	515	35.9	183.2	34.3	63.9	170.3	363.0	251.4	614.3	50.7	22.2	22.9
	Corporate ownership or control...	804	322	18.7	102.2	17.6	33.2	92.9	190.6	142.8	333.5	26.0	14.3	14.6
	Noncorporate ownership.....	2,235	193	17.3	81.0	16.7	30.7	77.4	172.5	108.7	280.8	24.7	7.9	8.4
	Administrative records <sup>e</sup> .....	13,152	-	24.1	83.8	24.1	44.9	77.9	195.6	189.2	384.7	30.8	26.5	26.6
	Legal form of organization:													
	Corporate.....	938	401	29.0	173.0	26.6	50.1	150.5	325.5	479.4	806.1	45.7	67.4	67.1
	Noncorporate, total.....	2,244	197	17.4	82.1	16.8	30.9	78.3	174.1	111.8	285.6	24.9	8.1	8.6
	Individual.....	1,974	119	13.1	58.2	12.7	23.4	55.5	120.5	82.8	203.0	18.5	6.0	6.3
	Partnership.....	258	76	4.2	23.2	4.0	7.3	22.2	52.0	27.0	78.9	6.3	1.9	2.0
	Other.....	12	2	.1	.7	.1	.2	.6	1.5	2.1	3.6	.2	.2	.2
	Administrative records <sup>e</sup> .....	13,152	-	24.1	83.8	24.1	44.9	77.9	195.6	189.2	384.7	30.8	26.5	26.6
2421	Sawmills and planing mills, general, total .....	10,271	1,916	180.5	884.6	164.7	322.7	754.8	1,556.4	1,948.4	3,506.4	130.0	521.0	516.5
	Type of operation:													
	Multiunit companies, total.....	573	455	71.8	427.7	64.1	131.2	362.6	678.1	874.2	1,554.9	73.8	273.0	268.4
	Corporate ownership or control...	533	433	70.1	418.9	62.6	128.2	354.9	660.2	853.3	1,516.5	72.4	265.5	260.9
	Noncorporate ownership.....	40	22	1.7	8.8	1.6	3.0	7.6	17.9	20.9	38.5	1.4	7.5	7.5
	Single unit companies, total.....	3,168	1,461	91.1	401.4	83.0	161.4	344.8	752.7	936.3	1,688.0	55.9	203.6	203.7
	Corporate ownership or control...	1,764	1,121	66.1	303.7	59.5	117.0	255.3	561.1	727.3	1,287.8	40.3	163.8	163.4
	Noncorporate ownership.....	1,404	340	25.0	97.7	23.5	44.4	89.4	191.6	209.0	400.2	15.5	39.8	40.3
	Administrative records <sup>e</sup> .....	6,530	-	17.6	55.5	17.6	30.0	47.5	125.6	137.9	263.5	.3	44.5	44.5
	Legal form of organization:													
	Corporate.....	2,297	1,554	136.2	722.6	122.1	245.2	610.3	1,221.3	1,580.6	2,804.3	112.8	429.2	424.2
	Noncorporate, total.....	1,444	362	26.7	106.5	25.0	47.5	97.1	209.5	230.0	438.6	16.9	47.3	47.8
	Individual.....	1,046	183	13.2	47.6	12.5	22.7	43.9	97.8	101.7	198.2	8.4	18.0	19.6
	Partnership.....	389	172	12.6	53.6	11.7	23.1	48.7	104.2	123.0	228.0	7.8	26.6	25.2
	Other.....	9	7	.9	5.2	.9	1.7	4.5	7.4	5.3	12.4	.7	2.7	3.0
	Administrative records <sup>e</sup> .....	6,530	-	17.6	55.5	17.6	30.0	47.5	125.6	137.9	263.5	.3	44.5	44.5
2426	Hardwood dimension and flooring, total .....	665	331	27.9	115.1	25.2	51.5	94.4	176.8	198.0	373.5	12.2	66.0	65.6
	Type of operation:													
	Multiunit companies, total.....	135	101	12.0	49.1	10.8	22.2	40.7	70.7	90.4	161.0	6.0	34.2	33.2
	Corporate ownership or control...	128	97	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	7	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	348	230	15.4	64.3	13.9	28.4	52.2	102.4	103.5	204.9	6.0	30.6	31.1
	Corporate ownership or control...	271	204	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	77	26	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	182	-	.5	1.8	.5	.8	1.4	3.6	4.0	7.6	.1	1.2	1.2
	Legal form of organization:													
	Corporate.....	399	301	25.6	106.7	23.1	47.5	87.2	161.4	179.6	340.0	11.3	61.9	61.4
	Noncorporate, total.....	84	30	1.7	6.7	1.6	3.2	5.8	11.7	14.4	25.9	.8	2.8	3.0
	Individual.....	60	16	.9	3.2	.8	1.7	2.9	5.7	6.6	12.2	.4	1.3	1.6
	Partnership.....	23	14	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	182	-	.5	1.8	.5	.8	1.4	3.6	4.0	7.6	.1	1.2	1.2
2429	Special product sawmills, N.E.C., total .....	525	108	7.1	28.5	6.7	10.9	25.4	50.7	65.9	117.9	2.7	22.3	21.2
	Type of operation:													
	Multiunit companies, total.....	99	47	2.6	10.9	2.4	4.2	9.8	17.0	29.8	48.2	.9	16.0	14.5
	Corporate ownership or control...	94	46	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	5	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	178	61	3.9	15.2	3.6	5.6	13.5	27.0	28.8	55.8	1.5	3.6	4.0
	Corporate ownership or control...	94	46	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	84	15	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	248	-	.7	2.4	.7	1.1	2.2	6.7	7.3	14.0	.3	2.7	2.7
	Legal form of organization:													
	Corporate.....	188	92	5.3	21.9	4.9	7.9	19.2	35.4	49.1	86.0	1.9	18.7	17.5
	Noncorporate, total.....	89	16	1.1	4.2	1.1	1.9	4.0	8.6	9.5	18.0	.6	.9	1.0
	Individual.....	68	8	.7	2.5	.7	1.1	2.4	5.2	5.8	11.0	.4	.6	.7
	Partnership.....	20	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	248	-	.7	2.4	.7	1.1	2.2	6.7	7.3	14.0	.3	2.7	2.7

See footnotes at end of table.



**TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967—Continued**

Code	Item	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new <sup>2</sup> (million dollars)	Inventories end of—	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
2431	Millwork, total.....	3,342	767	64.8	373.0	53.9	106.6	274.1	636.4	840.2	1,472.4	24.6	209.0	215.3
	Type of operation:													
	Multiunit companies, total.....	197	168	19.9	110.3	16.7	33.9	84.2	181.5	278.2	458.7	8.8	85.2	85.8
	Corporate ownership or control...	189	163	19.6	108.8	16.4	33.3	82.9	179.0	274.5	452.4	8.8	84.3	84.6
	Noncorporate ownership.....	8	5	.3	1.5	.3	.6	1.3	2.6	3.8	6.3	(2)	.9	1.1
	Single unit companies, total.....	1,632	599	41.6	246.1	33.8	67.3	177.7	421.0	519.9	937.7	15.3	113.3	119.0
	Corporate ownership or control...	1,150	561	37.4	223.1	30.1	60.1	158.9	379.6	473.9	850.7	14.0	104.8	109.7
	Noncorporate ownership.....	482	38	4.2	22.9	3.7	7.2	18.7	41.4	46.1	87.0	1.3	8.6	9.3
	Administrative records <sup>e</sup> .....	1,513	-	3.3	16.7	3.3	5.5	12.3	33.9	42.1	76.0	.5	10.5	10.5
	Legal form of organization:													
	Corporate.....	1,339	724	57.0	331.9	46.6	93.4	241.9	558.5	748.3	1,303.1	22.7	189.1	194.4
	Noncorporate, total.....	490	43	4.5	24.4	4.0	7.8	20.0	44.0	49.8	93.3	1.3	9.5	10.5
	Individual <sup>e</sup> .....	396	15	2.5	13.0	2.2	4.3	10.5	23.7	24.6	48.1	.7	4.3	4.7
	Partnership.....	89	24	1.6	9.0	1.4	2.7	7.4	16.3	19.6	35.7	.6	3.9	4.4
	Other.....	5	4	.4	2.4	.3	.8	2.1	4.0	5.7	9.6	(2)	1.2	1.3
	Administrative records <sup>e</sup> .....	1,513	-	3.3	16.7	3.3	5.5	12.3	33.9	42.1	76.0	.5	10.5	10.5
2432	Veneer and plywood, total .....	667	515	72.9	420.6	66.2	138.4	361.9	678.1	1,004.4	1,687.2	71.6	206.3	192.9
	Type of operation:													
	Multiunit companies, total.....	265	250	47.6	286.4	43.0	90.2	246.5	465.7	701.7	1,171.6	53.9	148.9	139.0
	Corporate ownership or control...	255	241	46.4	278.6	41.8	87.7	239.4	454.7	680.0	1,139.0	53.6	145.9	136.9
	Noncorporate ownership.....	10	9	1.3	7.8	1.2	2.5	7.1	11.0	21.7	32.6	.3	3.1	2.1
	Single unit companies, total.....	338	265	25.1	133.4	23.1	47.9	114.8	210.8	300.7	512.0	17.7	57.0	53.6
	Corporate ownership or control...	278	230	20.4	103.4	18.7	38.6	86.9	162.4	231.8	395.0	14.2	44.5	42.4
	Noncorporate ownership.....	60	35	4.7	30.1	4.4	9.3	27.8	48.3	68.8	117.0	3.5	12.5	11.2
	Administrative records <sup>e</sup> .....	64	-	.2	.8	.2	.3	.7	1.6	2.0	3.6	.1	.4	.4
	Legal form of organization:													
	Corporate.....	533	471	66.8	382.0	60.5	126.3	326.3	617.1	911.9	1,534.0	67.7	190.4	179.3
	Noncorporate, total.....	70	44	6.0	37.8	5.6	11.8	34.9	59.3	90.6	149.6	3.8	15.6	13.3
	Individual.....	28	6	.7	4.0	.7	1.2	3.6	6.1	8.9	15.1	.1	.7	.7
	Partnership.....	26	22	2.1	10.2	1.9	4.0	8.9	16.7	33.0	49.5	2.7	4.6	3.9
	Other.....	16	16	3.2	23.6	3.0	6.6	22.4	36.5	48.6	85.0	1.0	10.3	8.6
	Administrative records <sup>e</sup> .....	64	-	.2	.8	.2	.3	.7	1.6	2.0	3.6	.1	.4	.4
2433	Prefabricated wood structures, total	549	214	16.3	102.6	11.9	23.8	61.2	190.9	300.4	493.7	9.6	53.9	57.6
	Type of operation:													
	Multiunit companies, total.....	92	66	7.1	47.9	4.9	10.1	26.1	91.9	147.2	242.5	5.0	30.2	30.7
	Corporate ownership or control...	92	66	7.1	47.9	4.9	10.1	26.1	91.9	147.2	242.5	5.0	30.2	30.7
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	313	148	8.8	52.9	6.6	13.2	34.0	95.4	147.5	241.9	4.4	22.3	25.5
	Corporate ownership or control...	258	144	8.5	51.0	6.3	12.6	32.6	91.3	142.5	233.0	4.2	21.4	24.4
	Noncorporate ownership.....	55	4	.4	1.9	.3	.6	1.3	4.0	5.0	8.9	.2	.9	1.1
	Administrative records <sup>e</sup> .....	144	-	.3	1.8	.3	.5	1.1	3.6	5.7	9.3	.2	1.4	1.4
	Legal form of organization:													
	Corporate.....	350	210	15.6	98.9	11.2	22.7	58.8	183.3	289.7	475.5	9.2	51.6	55.2
	Noncorporate, total.....	55	4	.4	1.9	.3	.6	1.3	4.0	5.0	8.9	.2	.9	1.1
	Individual.....	49	2	.2	1.2	.2	.4	.8	2.6	3.9	6.3	.1	.7	.8
	Partnership.....	6	2	.1	.6	.1	.2	.5	1.5	1.1	2.6	.1	.3	.3
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	144	-	.3	1.8	.3	.5	1.1	3.6	5.7	9.3	.2	1.4	1.4
2441	Nailed wooden boxes and shooks, total	596	182	15.9	70.9	14.4	27.8	56.9	123.0	151.7	273.8	5.0	27.0	31.4
	Type of operation:													
	Multiunit companies, total.....	69	48	6.6	29.3	5.9	11.7	23.9	47.1	73.9	120.8	1.8	15.7	18.3
	Corporate ownership or control...	66	46	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	3	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	282	134	8.7	39.3	7.8	15.0	31.0	70.8	72.3	142.4	3.1	10.2	12.0
	Corporate ownership or control...	197	119	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	85	15	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	245	-	.6	2.4	.6	1.0	1.9	5.1	5.5	10.6	.2	1.1	1.1
	Legal form of organization:													
	Corporate.....	263	165	13.2	60.0	11.8	22.7	47.4	101.5	132.8	233.5	4.1	23.2	27.0
	Noncorporate, total.....	88	17	2.1	8.6	1.9	4.1	7.6	16.4	13.4	29.8	.7	2.7	3.3
	Individual.....	59	5	(D)	(D)	.5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	28	12	1.5	6.5	1.4	3.2	5.8	12.5	9.8	22.3	.6	2.3	2.8
	Other.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	245	-	.6	2.4	.6	1.0	1.9	5.1	5.5	10.6	.2	1.1	1.1
2442	Wirebound boxes and crates, total ...	134	63	9.4	36.5	8.5	17.2	29.8	71.1	74.4	144.9	2.7	14.9	16.1
	Type of operation:													
	Multiunit companies, total.....	33	31	5.0	20.1	4.5	9.4	16.3	40.6	40.5	80.5	1.7	9.0	10.3
	Corporate ownership or control...	30	28	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	3	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	52	32	4.3	15.9	4.0	7.5	13.2	29.2	32.6	61.8	1.0	5.6	5.5
	Corporate ownership or control...	42	30	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	10	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	49	-	.1	.4	.1	.2	.4	1.3	1.2	2.5	(2)	.3	.3
	Legal form of organization:													
	Corporate.....	72	58	8.5	33.3	7.7	15.5	27.1	63.6	58.8	133.1	2.2	13.1	14.2
	Noncorporate, total.....	13	5	.9	3.1	.8	1.7	2.7	6.2	6.6	12.7	.4	1.8	1.9
	Individual.....	7	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	4	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	49	-	.1	.4	.1	.2	.4	1.3	1.2	2.5	(2)	.3	.3

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967—Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new <sup>2</sup>	Inventories end of—	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
2443	Veneer and plywood containers, total	84	39	3.3	11.6	3.0	5.9	9.8	18.4	13.7	32.0	.5	3.8	3.9
	Type of operation:													
	Multiunit companies, total.....	11	9	1.0	3.8	.9	1.8	3.1	6.4	5.4	11.8	.2	1.9	1.9
	Corporate ownership or control...	11	9	1.0	3.8	.9	1.8	3.1	6.4	5.4	11.8	.2	1.9	1.9
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	44	30	2.2	7.5	2.1	4.0	6.4	11.6	7.9	19.3	.3	1.8	1.9
	Corporate ownership or control...	24	18	1.3	4.6	1.2	2.4	3.9	7.2	4.6	11.7	.2	1.1	1.3
	Noncorporate ownership.....	20	12	.9	2.8	.8	1.6	2.5	4.3	3.3	7.7	.2	.7	.7
	Administrative records <sup>e</sup> .....	29	-	.1	.3	.1	.2	.3	.5	.3	.8	(Z)	.1	.1
	Legal form of organization:													
	Corporate.....	35	27	2.3	8.4	2.1	4.2	7.0	13.6	10.0	23.5	.4	3.0	3.2
	Noncorporate, total.....	20	12	.9	2.8	.8	1.6	2.5	4.3	3.3	7.7	.2	.7	.7
	Individual.....	17	9	.4	1.1	.4	.6	1.0	1.6	1.1	2.7	.1	.3	.3
	Partnership.....	3	3	.5	1.7	.5	1.0	1.4	2.7	2.2	4.9	(Z)	.4	.4
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	29	-	.1	.3	.1	.2	.3	.5	.3	.8	(Z)	.1	.1
2445	Cooperage, total.....	91	20	2.7	15.5	2.4	4.7	13.0	26.1	51.4	78.8	1.7	23.4	20.0
	Type of operation:													
	Multiunit companies, total.....	38	14	2.2	13.5	2.0	3.9	11.4	22.7	45.7	69.8	1.6	22.5	19.0
	Corporate ownership or control...	38	14	2.2	13.5	2.0	3.9	11.4	22.7	45.7	69.8	1.6	22.5	19.0
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	24	6	.4	1.7	.3	.6	1.4	2.9	4.9	7.8	.1	.6	.7
	Corporate ownership or control...	13	5	.3	1.2	.2	.5	1.0	2.1	3.7	5.7	(Z)	.4	.5
	Noncorporate ownership.....	11	1	.1	.5	.1	.2	.4	.9	1.2	2.1	(Z)	.2	.2
	Administrative records <sup>e</sup> .....	29	-	.1	.3	.1	.1	.2	.5	.8	1.3	(Z)	.3	.3
	Legal form of organization:													
	Corporate.....	51	19	2.5	14.8	2.2	4.4	12.4	24.7	49.4	75.5	1.7	22.9	19.5
	Noncorporate, total.....	11	1	.1	.5	.1	.2	.4	.9	1.2	2.1	(Z)	.2	.2
	Individual.....	9	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	29	-	.1	.3	.1	.1	.2	.5	.8	1.3	(Z)	.3	.3
2491	Wood preserving, total.....	375	177	12.2	61.9	10.3	21.7	47.1	135.6	214.5	344.2	10.7	71.3	77.0
	Type of operation:													
	Multiunit companies, total.....	145	120	8.5	44.0	7.1	15.2	33.8	99.4	158.6	253.4	6.8	57.8	62.1
	Corporate ownership or control...	143	119	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	122	57	3.4	16.5	2.9	5.9	12.2	33.1	51.2	83.1	3.7	11.7	13.0
	Corporate ownership or control...	95	50	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	27	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	108	-	.3	1.4	.3	.6	1.1	3.0	4.7	7.7	.2	1.8	1.8
	Legal form of organization:													
	Corporate.....	238	169	11.5	58.9	9.7	20.5	44.8	128.9	205.7	328.6	10.0	68.1	73.9
	Noncorporate, total.....	29	8	.4	1.5	.3	.6	1.2	3.6	4.2	7.8	.5	1.4	1.3
	Individual.....	23	3	.2	.9	.2	.4	.7	2.2	2.6	4.7	.1	.7	.7
	Partnership.....	5	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	108	-	.3	1.4	.3	.6	1.1	3.0	4.7	7.7	.2	1.8	1.8
2499	Wood products, N.E.C., total.....	3,162	873	70.4	339.3	61.0	119.9	255.4	614.8	588.2	1,204.6	53.2	145.3	146.0
	Type of operation:													
	Multiunit companies, total.....	310	247	27.9	150.1	23.1	47.3	111.4	292.1	276.3	572.7	39.9	78.6	74.5
	Corporate ownership or control...	303	243	27.6	148.7	22.9	46.8	110.5	289.7	272.7	566.8	39.8	78.2	74.1
	Noncorporate ownership.....	7	4	.2	1.4	.2	.5	.9	2.4	3.6	5.9	(Z)	.4	.4
	Single unit companies, total.....	1,360	626	38.6	174.3	33.9	65.9	132.3	290.4	283.3	570.9	13.3	58.9	63.6
	Corporate ownership or control...	939	543	33.0	153.3	28.7	56.1	114.1	252.6	246.8	496.9	11.2	54.0	58.1
	Noncorporate ownership.....	421	83	5.6	20.9	5.2	9.8	18.3	37.8	36.5	74.1	2.1	4.9	5.5
	Administrative records <sup>e</sup> .....	1,492	-	4.0	15.0	4.0	6.8	11.6	32.3	28.6	61.0	.1	7.9	7.9
	Legal form of organization:													
	Corporate.....	1,242	786	60.6	302.0	51.6	102.9	224.5	542.3	519.5	1,063.7	51.0	132.1	132.2
	Noncorporate, total.....	428	87	5.8	22.3	5.4	10.3	19.2	40.1	40.1	80.0	2.1	5.3	5.9
	Individual.....	352	56	3.7	14.1	3.5	6.5	12.1	24.2	26.1	50.2	1.4	3.2	3.4
	Partnership.....	68	26	1.8	7.2	1.6	3.2	6.1	14.5	12.8	27.2	.7	1.9	2.2
	Other.....	8	5	.3	1.1	.3	.5	.9	1.4	1.2	2.6	(Z)	.2	.3
	Administrative records <sup>e</sup> .....	1,492	-	4.0	15.0	4.0	6.8	11.6	32.3	28.6	61.0	.1	7.9	7.9
25	Furniture and fixtures, total.....	10,008	3,449	425.3	2,258.3	357.5	715.7	1,653.7	4,169.5	3,619.6	7,749.8	198.0	1,080.4	1,129.8
	Type of operation:													
	Multiunit companies, total.....	1,064	909	210.4	1,133.0	173.9	352.3	825.2	2,188.1	1,855.2	4,017.8	125.5	646.2	672.6
	Corporate ownership or control...	1,044	901	209.3	1,126.2	173.0	350.6	820.3	2,175.7	1,842.6	3,992.8	125.1	643.7	670.1
	Noncorporate ownership.....	20	8	1.1	6.8	.9	1.7	4.9	12.4	12.6	25.0	.4	2.5	2.5
	Single unit companies, total.....	4,730	2,540	203.7	1,072.8	172.6	344.6	788.8	1,870.4	1,658.5	3,515.2	70.2	406.6	429.7
	Corporate ownership or control...	3,761	2,378	190.5	1,008.1	160.7	321.7	736.6	1,754.1	1,556.0	3,296.4	66.9	385.7	407.8
	Noncorporate ownership.....	969	162	13.4	64.7	11.9	22.8	52.2	116.3	102.5	218.8	3.3	20.9	21.8
	Administrative records <sup>e</sup> .....	4,214	-	11.0	52.8	10.9	18.6	39.6	111.0	105.9	216.9	2.4	27.6	27.6
	Legal form of organization:													
	Corporate.....	4,805	3,279	399.7	2,134.2	333.7	672.3	1,556.9	3,929.8	3,398.6	7,289.2	192.0	1,029.4	1,077.9
	Noncorporate, total.....	989	170	14.5	71.5	12.8	24.6	57.2	128.6	115.1	243.8	3.7	23.4	24.3
	Individual.....	803	86	8.3	41.5	7.5	14.1	33.5	75.7	66.4	141.6	2.3	11.6	12.9
	Partnership.....	175	80	5.9	28.4	5.1	10.0	22.5	50.0	45.0	95.5	1.3	11.3	10.8
	Other.....	11	4	.3	1.6	.2	.4	1.1	3.0	3.6	6.6	.1	.6	.6
	Administrative records <sup>e</sup> .....	4,214	-	11.0	52.8	10.9	18.6	39.6	111.0	105.9	216.9	2.4	27.6	27.6

See footnotes at end of table.



TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967-Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new <sup>2</sup>	Inventories end of--	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
2511	Wood household furniture, total ....	3,084	1,011	157.4	738.1	139.7	283.9	582.8	1,322.0	1,132.3	2,438.9	74.0	385.2	401.4
	Type of operation:													
	Multiunit companies, total.....	327	291	82.7	384.5	73.4	150.4	306.9	697.8	598.3	1,283.5	51.6	226.1	234.3
	Corporate ownership or control...	320	287	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	7	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	1,240	720	70.6	334.9	62.2	126.1	261.0	584.9	499.0	1,081.0	21.1	148.0	156.0
	Corporate ownership or control...	979	686	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	261	34	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	1,517	-	4.1	18.7	4.1	7.4	15.0	39.3	35.0	74.4	1.3	11.1	11.1
	Legal form of organization:													
	Corporate.....	1,299	973	150.3	703.2	132.2	269.9	554.1	1,254.0	1,074.9	2,313.4	71.3	368.6	384.8
	Noncorporate, total.....	268	38	3.7	16.3	3.4	6.6	13.7	28.7	22.4	51.1	.9	5.5	5.5
	Individual <sup>e</sup> .....	230	22	2.2	9.6	2.0	3.9	8.1	17.1	14.7	31.8	.6	3.1	3.4
	Partnership.....	36	15	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	1,517	-	4.1	18.7	4.1	7.4	15.0	39.3	35.0	74.4	1.3	11.1	11.1
2512	Upholstered household furniture, total .....	1,644	727	75.2	376.2	64.8	125.9	287.0	670.3	600.3	1,266.4	17.1	136.8	142.6
	Type of operation:													
	Multiunit companies, total.....	160	143	32.0	162.3	27.2	53.6	122.0	313.1	281.9	591.9	7.5	71.6	75.3
	Corporate ownership or control...	154	141	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	6	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	929	584	41.7	206.5	36.0	69.6	159.2	342.3	305.5	646.7	9.5	62.4	64.5
	Corporate ownership or control...	758	540	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	171	44	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	555	-	1.6	7.5	1.6	2.7	5.8	14.9	12.9	27.8	.2	2.8	2.8
	Legal form of organization:													
	Corporate.....	912	681	69.9	352.1	59.9	116.7	267.5	628.6	561.6	1,185.8	16.0	129.0	135.0
	Noncorporate, total.....	177	46	3.8	16.6	3.4	6.5	13.6	26.8	25.7	52.8	.9	5.0	4.8
	Individual <sup>e</sup> .....	139	28	2.2	9.3	2.0	3.7	7.9	15.3	14.8	30.1	.5	2.2	2.3
	Partnership.....	37	17	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	555	-	1.6	7.5	1.6	2.7	5.8	14.9	12.9	27.8	.2	2.8	2.8
2514	Metal household furniture, total ....	486	251	31.0	155.5	25.8	50.3	109.6	291.3	312.0	605.3	10.1	87.0	83.6
	Type of operation:													
	Multiunit companies, total.....	86	79	15.7	80.5	12.8	25.4	56.2	147.9	161.2	312.0	6.3	55.7	51.2
	Corporate ownership or control...	86	79	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	269	172	14.9	73.3	12.7	24.3	52.2	139.7	146.9	285.6	3.7	30.4	31.5
	Corporate ownership or control...	237	163	14.2	70.1	12.0	23.1	49.8	133.4	141.0	273.3	3.6	28.5	29.8
	Noncorporate ownership.....	32	9	.8	3.2	.7	1.2	2.4	6.3	5.9	12.3	.1	1.9	1.7
	Administrative records <sup>e</sup> .....	131	-	.4	1.7	.4	.6	1.2	3.7	4.0	7.6	.1	.9	.9
	Legal form of organization:													
	Corporate.....	323	242	29.9	150.6	24.8	48.5	106.0	281.3	302.1	585.3	9.9	84.1	81.0
	Noncorporate, total.....	32	9	.8	3.2	.7	1.2	2.4	6.3	5.9	12.3	.1	1.9	1.7
	Individual <sup>e</sup> .....	25	3	.3	1.1	.3	.4	.9	2.0	1.9	3.9	(Z)	.5	.4
	Partnership.....	7	6	.5	2.1	.4	.8	1.5	4.3	4.0	8.4	.1	1.5	1.2
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	131	-	.4	1.7	.4	.6	1.2	3.7	4.0	7.6	.1	.9	.9
2515	Mattresses and bedsprings, total ....	1,013	341	31.2	171.5	24.4	47.8	110.7	335.5	408.8	745.1	10.3	83.9	83.6
	Type of operation:													
	Multiunit companies, total.....	131	105	16.1	93.2	12.4	24.6	61.8	185.4	203.2	389.4	5.0	48.0	47.8
	Corporate ownership or control...	130	104	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	457	236	13.9	73.1	10.9	21.4	45.5	138.6	189.6	328.2	5.0	32.8	32.8
	Corporate ownership or control...	354	213	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	103	23	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	425	-	1.2	5.2	1.2	1.8	3.4	11.6	16.0	27.6	.3	3.0	3.0
	Legal form of organization:													
	Corporate.....	484	317	28.3	158.5	21.8	43.4	101.6	308.9	372.4	682.3	9.5	78.1	77.2
	Noncorporate, total.....	104	24	1.7	7.8	1.4	2.6	5.7	15.0	20.4	35.3	.5	2.8	3.4
	Individual <sup>e</sup> .....	71	9	.6	3.1	.5	1.0	2.3	6.1	8.6	14.6	.2	1.0	1.3
	Partnership.....	29	13	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	4	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	425	-	1.2	5.2	1.2	1.8	3.4	11.6	16.0	27.6	.3	3.0	3.0
2519	Household furniture, N.E.C., total ..	79	36	3.0	14.8	2.6	5.2	10.9	30.4	24.7	55.3	1.3	6.2	6.2
	Type of operation:													
	Multiunit companies, total.....	22	15	1.5	8.1	1.2	2.6	5.7	17.9	14.0	32.2	.2	4.0	3.7
	Corporate ownership or control...	22	15	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	38	21	1.5	6.5	1.3	2.5	5.0	12.1	10.4	22.3	1.0	2.1	2.4
	Corporate ownership or control...	28	20	1.3	6.0	1.2	2.3	4.6	11.2	9.7	20.7	1.0	2.0	2.3
	Noncorporate ownership.....	10	1	.1	.5	.1	.2	.4	.9	.7	1.6	(Z)	.2	.1
	Administrative records <sup>e</sup> .....	19	-	.1	.2	.1	.1	.2	.4	.4	.8	(Z)	.1	.1
	Legal form of organization:													
	Corporate.....	50	35	2.8	14.1	2.4	4.9	10.3	29.1	23.6	53.0	1.3	6.0	5.9
	Noncorporate, total.....	10	1	.1	.5	.1	.2	.4	.9	.7	1.6	(Z)	.2	.1
	Individual <sup>e</sup> .....	7	-	(Z)	.2	(Z)	.1	.2	.4	.3	.7	(Z)	.1	.1
	Partnership.....	3	1	.1	.3	.1	.1	.2	.5	.4	.9	(D)	.1	.1
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	19	-	.1	.2	.1	.1	.2	.4	.4	.8	(Z)	.1	.1

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967-Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new <sup>2</sup>	Inventories end of-	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
2521	Wood office furniture, total .....	178	69	8.2	46.4	6.9	14.3	35.6	88.8	71.7	158.3	5.7	23.8	27.0
	Type of operation:													
	Multiunit companies, total.....	23	22	3.1	17.4	2.5	5.0	12.8	32.2	29.5	61.3	1.0	10.4	11.0
	Corporate ownership or control...	23	22	3.1	17.4	2.5	5.0	12.8	32.2	29.5	61.3	1.0	10.4	11.0
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	98	47	5.0	28.2	4.2	9.0	22.1	55.0	40.9	94.1	4.7	13.0	15.5
	Corporate ownership or control...	80	43	4.7	27.1	4.0	8.6	20.8	52.2	39.0	89.6	4.6	12.8	14.9
	Noncorporate ownership.....	18	4	.3	1.1	.2	.5	1.3	2.8	2.0	4.5	.1	.2	.6
	Administrative records <sup>e</sup> .....	57	-	.2	.8	.2	.3	.6	1.6	1.3	2.9	(Z)	.5	.5
	Legal form of organization:													
	Corporate.....	103	65	7.8	44.5	6.5	13.6	33.6	84.4	68.4	150.9	5.6	23.1	25.9
	Noncorporate, total.....	18	4	.3	1.1	.2	.5	1.3	2.8	2.0	4.5	.1	.2	.6
	Individual.....	16	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	57	-	.2	.8	.2	.3	.6	1.6	1.3	2.9	(Z)	.5	.5
2522	Metal office furniture, total .....	187	120	27.0	178.5	21.1	42.9	125.3	389.3	239.5	622.9	31.5	88.8	95.8
	Type of operation:													
	Multiunit companies, total.....	59	58	19.4	137.5	14.5	29.6	93.7	306.5	175.7	477.4	26.0	73.7	79.2
	Corporate ownership or control...	59	58	19.4	137.5	14.5	29.6	93.7	306.5	175.7	477.4	26.0	73.7	79.2
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	100	62	7.6	40.8	6.5	13.2	31.4	82.2	63.3	144.4	5.5	14.9	16.5
	Corporate ownership or control...	82	59	7.4	39.9	6.3	13.0	30.7	80.5	62.3	141.7	5.5	14.6	16.2
	Noncorporate ownership <sup>e</sup> .....	18	3	.2	.9	.1	.3	.7	1.7	1.0	2.7	(Z)	.3	.3
	Administrative records <sup>e</sup> .....	28	-	.1	.3	.1	.1	.2	.6	.4	1.0	-	.2	.2
	Legal form of organization:													
	Corporate.....	141	117	26.8	177.4	20.9	42.5	124.4	387.0	238.0	619.2	31.5	88.3	95.4
	Noncorporate, total.....	18	3	.2	.9	.1	.3	.7	1.7	1.0	2.7	(Z)	.3	.3
	Individual.....	16	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	28	-	.1	.3	.1	.1	.2	.6	.4	1.0	-	.2	.2
2531	Public building furniture, total ....	438	188	22.6	132.2	17.5	36.3	89.2	233.6	194.7	421.2	10.0	77.4	86.4
	Type of operation:													
	Multiunit companies, total.....	57	47	12.0	75.9	8.9	19.1	50.9	138.7	109.2	242.0	5.1	51.5	58.5
	Corporate ownership or control...	56	47	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	236	141	10.2	54.5	8.2	16.6	37.0	91.4	82.3	172.5	4.9	24.8	26.8
	Corporate ownership or control...	195	128	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	41	13	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	145	-	.4	1.8	.4	.6	1.3	3.5	3.2	6.7	(Z)	1.1	1.1
	Legal form of organization:													
	Corporate.....	251	175	21.4	126.4	16.5	34.4	84.7	222.3	184.9	400.2	9.7	74.7	83.6
	Noncorporate, total.....	42	13	.8	4.0	.7	1.3	3.2	7.8	6.6	14.3	.2	1.5	1.7
	Individual.....	29	4	.3	1.7	.3	.5	1.3	3.1	2.2	5.2	.1	.4	.5
	Partnership.....	11	9	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	145	-	.4	1.8	.4	.6	1.3	3.5	3.2	6.7	(Z)	1.1	1.1
2541	Wood partitions and fixtures, total	1,470	338	25.3	170.7	20.7	40.9	124.1	284.6	214.8	498.6	8.1	53.4	56.6
	Type of operation:													
	Multiunit companies, total.....	63	53	5.5	35.8	4.3	8.7	26.2	60.9	56.4	117.9	3.0	17.5	18.0
	Corporate ownership or control...	63	53	5.5	35.8	4.3	8.7	26.2	60.9	56.4	117.9	3.0	17.5	18.0
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	753	285	18.3	126.6	14.9	29.8	91.7	206.2	144.2	349.0	4.9	33.0	35.8
	Corporate ownership or control...	552	263	16.4	114.0	13.3	26.7	81.7	184.2	129.8	312.6	4.5	30.5	33.2
	Noncorporate ownership.....	201	22	1.9	12.5	1.6	3.1	10.0	22.0	14.3	36.4	.4	2.5	2.6
	Administrative records <sup>e</sup> .....	654	-	1.5	8.4	1.5	2.4	6.2	17.5	14.3	31.8	.2	2.8	2.8
	Legal form of organization:													
	Corporate.....	615	316	22.0	149.8	17.6	35.3	107.9	245.1	186.2	430.5	7.5	48.0	51.1
	Noncorporate, total.....	201	22	1.9	12.5	1.6	3.1	10.0	22.0	14.3	36.4	.4	2.5	2.6
	Individual.....	168	9	1.2	7.9	1.1	2.1	6.3	14.6	9.4	24.0	.3	1.3	1.5
	Partnership.....	31	13	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	654	-	1.5	8.4	1.5	2.4	6.2	17.5	14.3	31.8	.2	2.8	2.8
2542	Metal partitions and fixtures, total	500	188	22.7	152.9	17.0	35.1	96.0	302.5	213.0	512.0	19.9	68.2	75.3
	Type of operation:													
	Multiunit companies, total.....	55	50	11.7	78.9	8.4	17.4	49.9	175.2	114.3	286.9	13.2	41.6	46.5
	Corporate ownership or control...	54	49	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	273	138	10.6	71.3	8.2	16.9	44.4	122.1	94.2	215.4	6.6	25.3	27.4
	Corporate ownership or control...	234	135	10.3	69.3	7.8	16.3	42.9	118.6	91.3	209.0	6.4	24.8	26.9
	Noncorporate ownership.....	39	3	.4	2.0	.3	.6	1.5	3.5	2.9	6.4	.1	.5	.5
	Administrative records <sup>e</sup> .....	172	-	.4	2.6	.4	.8	1.7	5.3	4.4	9.7	.2	1.3	1.3
	Legal form of organization:													
	Corporate.....	288	184	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	40	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual.....	37	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	172	-	.4	2.6	.4	.8	1.7	5.3	4.4	9.7	.2	1.3	1.3

See footnotes at end of table.



TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967—Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new <sup>a</sup> (million dollars)	Inventories end of—	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
2591	Venetian blinds and shades, total ...	605	61	11.6	62.1	8.6	15.9	37.7	122.3	125.4	246.8	6.5	48.3	49.8
	Type of operation:													
	Multiunit companies, total.....	49	24	7.2	40.1	5.3	9.9	24.7	78.7	83.8	163.4	5.4	36.9	36.4
	Corporate ownership or control...	46	24	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership <sup>e</sup> .....	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	141	37	3.4	17.7	2.3	4.5	9.9	33.8	30.0	62.0	1.2	8.2	10.2
	Corporate ownership or control...	105	34	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	36	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	415	-	1.0	4.3	1.0	1.5	3.1	9.8	11.6	21.4	(Z)	3.2	3.2
	Legal form of organization:													
	Corporate.....	151	58	10.2	56.3	7.3	13.9	33.6	108.8	110.0	217.9	6.5	44.3	45.8
	Noncorporate, total.....	39	3	.4	1.5	.3	.5	1.0	3.7	3.8	7.5	(Z)	.8	.8
	Individual <sup>e</sup> .....	29	-	.2	.7	.1	.2	.5	2.0	1.8	3.9	(D)	.3	.3
	Partnership.....	10	3	.2	.8	.1	.3	.5	1.7	2.0	3.7	(D)	.5	.5
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	415	-	1.0	4.3	1.0	1.5	3.1	9.8	11.6	21.4	(Z)	3.2	3.2
2599	Furniture and fixtures, N.E.C., total	324	119	10.1	59.4	8.4	17.2	44.8	98.9	82.4	179.0	3.5	21.3	24.0
	Type of operation:													
	Multiunit companies, total.....	32	22	3.5	18.8	2.9	6.2	14.4	33.8	27.7	59.9	1.3	9.2	10.7
	Corporate ownership or control...	31	22	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	196	97	6.4	39.4	5.3	10.5	29.4	62.2	52.3	113.8	2.1	11.6	12.7
	Corporate ownership or control...	157	94	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	39	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	96	-	.2	1.2	.2	.4	1.0	2.9	2.4	5.2	.1	.5	.5
	Legal form of organization:													
	Corporate.....	188	116	9.4	55.7	7.8	16.1	41.9	91.2	76.1	164.9	3.3	19.8	22.5
	Noncorporate, total.....	40	3	.4	2.5	.4	.7	1.9	4.9	4.0	8.8	.1	.9	.9
	Individual.....	36	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	4	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	96	-	.2	1.2	.2	.4	1.0	2.9	2.4	5.2	.1	.5	.5
26	Paper and allied products, total ....	5,890	3,812	638.9	4,436.2	507.7	1,071.2	3,205.5	9,756.3	11,292.2	20,969.9	1,585.3	2,176.0	2,262.8
	Type of operation:													
	Multiunit companies, total.....	2,622	2,352	528.3	3,777.5	416.9	887.8	2,751.1	8,542.2	9,969.6	18,442.3	1,515.4	1,939.0	2,013.7
	Corporate ownership or control...	2,611	2,343	527.2	3,768.0	416.3	886.5	2,746.9	8,521.5	9,939.4	18,390.9	1,513.0	1,931.4	2,007.3
	Noncorporate ownership.....	11	9	1.1	9.5	.6	1.3	4.2	20.7	30.2	51.4	2.4	7.6	6.4
	Single unit companies, total.....	2,337	1,460	108.0	644.3	88.1	179.0	444.0	1,182.0	1,287.6	2,460.6	68.8	229.0	241.1
	Corporate ownership or control...	2,045	1,406	103.9	623.4	84.5	172.3	427.9	1,141.1	1,248.9	2,381.6	67.3	223.0	233.9
	Noncorporate ownership.....	292	54	4.1	20.9	3.6	6.7	16.1	40.9	38.7	79.0	1.5	6.0	7.2
	Administrative records <sup>e</sup> .....	931	-	2.7	14.6	2.7	4.4	10.4	32.1	35.1	67.1	1.0	8.0	8.0
	Legal form of organization:													
	Corporate.....	4,656	3,749	631.1	4,391.4	500.8	1,058.8	3,174.8	9,662.6	11,188.3	20,772.5	1,580.3	2,154.4	2,241.2
	Noncorporate, total.....	303	63	5.2	30.5	4.2	8.0	20.3	61.6	68.9	130.4	3.8	13.6	13.5
	Individual.....	225	24	2.1	11.0	1.8	3.4	7.9	20.4	23.5	43.7	1.3	4.6	4.3
	Partnership.....	71	35	2.1	10.4	1.9	3.5	8.4	22.8	19.7	42.3	.5	3.3	3.5
	Other.....	7	4	1.0	9.1	.5	1.0	4.1	18.5	25.7	44.4	2.1	5.7	5.7
	Administrative records <sup>e</sup> .....	931	-	2.7	14.6	2.7	4.4	10.4	32.1	35.1	67.1	1.0	8.0	8.0
2611	Pulpmills, total .....	61	43	15.1	125.6	12.2	25.4	96.0	333.7	403.2	730.5	121.8	90.3	96.7
	Type of operation:													
	Multiunit companies, total.....	42	36	14.6	121.9	11.9	24.6	93.3	327.3	389.0	710.1	121.3	85.7	91.9
	Corporate ownership or control...	42	36	14.6	121.9	11.9	24.6	93.3	327.3	389.0	710.1	121.3	85.7	91.9
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	9	7	.4	3.4	.3	.7	2.5	5.6	13.2	18.7	.3	4.4	4.6
	Corporate ownership or control...	6	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	3	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	10	-	(Z)	.3	(Z)	.1	.3	.8	1.0	1.7	.1	.2	.2
	Legal form of organization:													
	Corporate.....	48	42	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	95.0
	Noncorporate, total.....	3	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual <sup>e</sup> .....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	10	-	(Z)	.3	(Z)	.1	.3	.8	1.0	1.7	.1	.2	.2
2621	Papermills, except building paper, total .....	354	312	140.0	1,120.7	112.3	249.2	849.2	2,356.3	2,515.7	4,844.0	581.3	519.7	560.3
	Type of operation:													
	Multiunit companies, total.....	275	264	131.8	1,059.5	105.5	234.0	802.6	2,235.0	2,367.1	4,575.7	570.6	490.4	530.0
	Corporate ownership or control...	274	263	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	63	48	8.2	61.1	6.8	15.1	46.5	120.9	148.3	267.7	10.7	29.2	30.2
	Corporate ownership or control...	61	48	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	16	-	(Z)	.1	(Z)	(Z)	.1	.3	.3	.6	(Z)	.1	.1
	Legal form of organization:													
	Corporate.....	335	311	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	3	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual <sup>e</sup> .....	3	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	16	-	(Z)	.1	(Z)	(Z)	.1	.3	.3	.6	(Z)	.1	.1

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967-Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new <sup>2</sup> (million dollars)	Inventories end of-	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
2631	Paperboard mills, total .....	283	264	67.0	533.5	53.8	118.2	405.9	1,508.8	1,402.9	2,907.0	398.6	182.9	191.9
	Type of operation:													
	Multiunit companies, total .....	226	218	62.9	504.0	50.2	110.3	382.4	1,446.2	1,340.6	2,782.6	395.0	178.1	186.4
	Corporate ownership or control...	225	217	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership .....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total .....	53	46	4.1	29.4	3.6	7.8	23.5	62.6	62.2	124.2	3.6	4.8	5.5
	Corporate ownership or control...	49	44	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership .....	4	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	4	-	(Z)	.1	(Z)	(Z)	(Z)	.1	.1	.2	(Z)	(Z)	(Z)
	Legal form of organization:													
	Corporate .....	274	261	66.6	530.9	53.5	117.5	403.6	1,497.4	1,399.2	2,892.2	398.4	182.8	191.1
	Noncorporate, total .....	5	3	.3	2.5	.3	.6	2.3	5.0	3.6	8.3	.1	.1	.8
	Individual <sup>e</sup> .....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership .....	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other .....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	4	-	(Z)	.1	(Z)	(Z)	(Z)	.1	.1	.2	(Z)	(Z)	(Z)
2641	Paper coating and glazing, total ....	397	202	37.1	260.8	27.0	56.4	165.6	728.0	843.3	1,566.5	59.1	194.1	200.0
	Type of operation:													
	Multiunit companies, total .....	158	130	31.1	221.2	22.4	46.8	141.3	654.7	736.6	1,386.3	53.9	175.0	180.6
	Corporate ownership or control...	157	129	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership .....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total .....	174	72	5.9	38.7	4.4	9.3	23.6	71.4	104.2	175.8	5.1	18.6	18.8
	Corporate ownership or control...	150	72	5.7	37.8	4.3	9.1	23.0	68.6	101.6	170.4	5.0	18.2	18.4
	Noncorporate ownership .....	24	-	.2	1.0	.1	.2	.7	2.8	2.6	5.4	.2	.4	.4
	Administrative records <sup>e</sup> .....	65	-	.1	.9	.1	.2	.6	1.9	2.4	4.4	.1	.5	.5
	Legal form of organization:													
	Corporate .....	307	201	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total .....	25	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual <sup>e</sup> .....	17	-	.1	.6	.1	.1	.4	1.2	1.3	2.5	.1	.2	.2
	Partnership .....	7	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other .....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	65	-	.1	.9	.1	.2	.6	1.9	2.4	4.4	.1	.5	.5
2642	Envelopes, total .....	228	163	22.5	141.9	18.1	37.6	98.0	253.1	219.5	470.3	13.4	57.6	58.4
	Type of operation:													
	Multiunit companies, total .....	96	92	15.0	96.1	11.9	24.9	65.6	174.7	148.4	321.5	9.3	41.8	42.6
	Corporate ownership or control...	96	92	15.0	96.1	11.9	24.9	65.6	174.7	148.4	321.5	9.3	41.8	42.6
	Noncorporate ownership .....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total .....	101	71	7.4	45.5	6.1	12.6	32.2	77.7	70.5	147.5	4.2	15.7	15.7
	Corporate ownership or control...	92	70	7.3	45.0	6.0	12.5	31.8	76.9	69.3	145.5	4.1	15.6	15.5
	Noncorporate ownership .....	9	1	.1	.5	.1	.2	.3	.8	1.2	2.0	(Z)	.2	.2
	Administrative records <sup>e</sup> .....	31	-	.1	.3	.1	.1	.2	.7	.6	1.3	(Z)	.1	.1
	Legal form of organization:													
	Corporate .....	188	162	22.3	141.1	18.0	37.3	97.4	251.6	217.8	467.0	13.4	57.3	58.1
	Noncorporate, total .....	9	1	.1	.5	.1	.2	.3	.8	1.2	2.0	(Z)	.2	.2
	Individual <sup>e</sup> .....	8	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership .....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other .....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	31	-	.1	.3	.1	.1	.2	.7	.6	1.3	(Z)	.1	.1
2643	Bags, except textile bags, total ....	557	310	46.3	278.3	37.1	75.6	197.4	563.7	819.4	1,375.6	45.6	156.9	163.6
	Type of operation:													
	Multiunit companies, total .....	187	170	36.7	223.5	29.4	60.0	160.4	454.8	662.0	1,110.6	37.8	133.2	138.4
	Corporate ownership or control...	185	169	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership .....	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total .....	224	140	9.1	52.2	7.3	14.8	35.2	102.6	147.9	249.2	7.5	21.7	23.3
	Corporate ownership or control...	194	135	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership .....	30	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	146	-	.5	2.5	.5	.7	1.9	6.3	9.5	15.8	.2	1.9	1.9
	Legal form of organization:													
	Corporate .....	379	304	45.4	273.6	36.3	74.1	193.9	551.8	802.4	1,346.7	45.0	153.3	160.2
	Noncorporate, total .....	32	6	.5	2.2	.4	.8	1.7	5.6	7.5	13.1	.4	1.6	1.5
	Individual <sup>e</sup> .....	26	2	.2	1.1	.2	.4	.7	1.8	3.8	5.6	.3	.4	.4
	Partnership .....	5	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other .....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	146	-	.5	2.5	.5	.7	1.9	6.3	9.5	15.8	.2	1.9	1.9
2644	Wallpaper, total .....	77	31	2.3	14.6	1.8	3.6	9.9	27.0	22.4	48.6	.5	10.9	11.5
	Type of operation:													
	Multiunit companies, total .....	8	8	.7	4.8	.6	1.2	3.5	8.6	8.1	16.1	.2	3.7	4.3
	Corporate ownership or control...	8	8	.7	4.8	.6	1.2	3.5	8.6	8.1	16.1	.2	3.7	4.3
	Noncorporate ownership .....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total .....	44	23	1.5	9.4	1.1	2.3	6.1	17.4	13.7	31.0	.3	6.9	6.9
	Corporate ownership or control...	41	23	1.5	9.3	1.1	2.2	6.0	17.2	13.6	30.6	(D)	6.9	6.9
	Noncorporate ownership .....	3	-	(Z)	.1	(Z)	(Z)	.1	.3	.1	.4	(D)	(Z)	(Z)
	Administrative records <sup>e</sup> .....	25	-	.1	.4	.1	.1	.3	1.0	.6	1.5	(Z)	.3	.3
	Legal form of organization:													
	Corporate .....	49	31	2.2	14.1	1.7	3.5	9.5	25.8	21.7	46.7	(D)	10.5	11.2
	Noncorporate, total .....	3	-	(Z)	.1	(Z)	(Z)	.1	.3	.1	.4	(D)	(Z)	(Z)
	Individual <sup>e</sup> .....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership .....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other .....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	25	-	.1	.4	.1	.1	.3	1.0	.6	1.5	(Z)	.3	.3

See footnotes at end of table.



TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967-Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new <sup>a</sup>	Inventories end of-	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
2645	Die-cut paper and board, total .....	440	189	18.6	117.3	14.7	29.4	79.9	247.3	329.1	577.5	9.0	57.1	56.1
	Type of operation:													
	Multiunit companies, total.....	134	100	12.5	81.7	9.7	19.5	56.2	183.3	264.9	449.0	6.4	45.8	44.4
	Corporate ownership or control...	134	100	12.5	81.7	9.7	19.5	56.2	183.3	264.9	449.0	6.4	45.8	44.4
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	196	89	5.8	34.0	4.8	9.4	22.7	60.7	61.3	122.5	2.5	10.7	11.1
	Corporate ownership or control...	167	88	5.6	32.9	4.6	9.0	21.8	58.3	59.5	118.3	2.4	10.3	10.7
	Noncorporate ownership.....	29	1	.2	1.2	.2	.4	.8	2.4	1.8	4.2	.1	.4	.4
	Administrative records <sup>e</sup> .....	110	-	.3	1.5	.3	.5	1.1	3.2	2.9	6.1	.1	.6	.6
	Legal form of organization:													
	Corporate.....	301	188	18.1	114.6	14.2	28.6	78.0	241.7	324.5	567.3	8.8	56.1	55.1
	Noncorporate, total.....	29	1	.2	1.2	.2	.4	.8	2.4	1.8	4.2	.1	.4	.4
	Individual <sup>e</sup> .....	22	1	.2	.8	.1	.2	.6	1.5	1.4	3.0	.1	.4	.3
	Partnership.....	7	-	.1	.3	.1	.1	.2	.9	.3	1.2	.1	.1	.1
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	110	-	.3	1.5	.3	.5	1.1	3.2	2.9	6.1	.1	.6	.6
2646	Pressed and molded pulp goods, total	58	45	6.7	44.8	5.4	11.4	33.0	97.8	48.7	145.9	17.6	15.2	16.2
	Type of operation:													
	Multiunit companies, total.....	30	29	6.0	41.1	4.7	10.3	30.3	90.3	44.0	134.0	17.2	14.1	14.7
	Corporate ownership or control...	30	29	6.0	41.1	4.7	10.3	30.3	90.3	44.0	134.0	17.2	14.1	14.7
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	21	16	.7	3.7	.6	1.1	2.7	7.4	4.6	11.7	.4	1.1	1.4
	Corporate ownership or control...	18	16	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership <sup>e</sup> .....	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	7	-	(Z)	(Z)	(Z)	(Z)	(Z)	.1	(Z)	.1	-	(Z)	(Z)
	Legal form of organization:													
	Corporate.....	48	45	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual <sup>e</sup> .....	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	7	-	(Z)	(Z)	(Z)	(Z)	(Z)	.1	(Z)	.1	-	(Z)	(Z)
2647	Sanitary paper products, total .....	125	86	22.0	154.2	18.3	37.6	119.2	540.2	757.8	1,293.4	58.5	72.1	78.9
	Type of operation:													
	Multiunit companies, total.....	72	63	20.3	144.0	16.9	34.8	112.2	519.4	721.8	1,236.8	57.6	67.7	73.9
	Corporate ownership or control...	72	63	20.3	144.0	16.9	34.8	112.2	519.4	721.8	1,236.8	57.6	67.7	73.9
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	39	23	1.6	10.0	1.3	2.8	6.8	20.5	35.3	55.6	.9	4.3	4.9
	Corporate ownership or control...	35	23	1.6	9.9	1.3	2.8	6.8	20.4	35.2	55.4	.9	4.3	4.9
	Noncorporate ownership <sup>e</sup> .....	4	-	(Z)	.1	(Z)	(Z)	.1	.1	.1	.2	-	(Z)	(Z)
	Administrative records <sup>e</sup> .....	14	-	(Z)	.2	(Z)	(Z)	.1	.4	.7	1.1	(Z)	.1	.1
	Legal form of organization:													
	Corporate.....	107	86	22.0	153.9	18.2	37.6	119.0	539.8	757.0	1,292.2	58.5	72.1	78.8
	Noncorporate, total.....	4	-	(Z)	.1	(Z)	(Z)	.1	.1	.1	.2	-	(Z)	(Z)
	Individual <sup>e</sup> .....	4	-	(Z)	.1	(Z)	(Z)	.1	.1	.1	.2	-	(Z)	(Z)
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	14	-	(Z)	.2	(Z)	(Z)	.1	.4	.7	1.1	(Z)	.1	.1
2649	Converted paper products, N.E.C. total .....	610	258	31.1	175.5	24.4	47.2	116.2	376.1	366.0	732.2	22.2	119.4	128.6
	Type of operation:													
	Multiunit companies, total.....	137	115	21.1	121.1	16.3	31.8	81.4	268.6	262.5	522.5	18.0	94.0	102.2
	Corporate ownership or control...	137	115	21.1	121.1	16.3	31.8	81.4	268.6	262.5	522.5	18.0	94.0	102.2
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	270	143	9.4	51.2	7.5	14.4	32.7	100.6	97.7	196.9	4.1	23.7	24.7
	Corporate ownership or control...	216	135	8.7	47.8	6.8	13.2	30.1	93.8	91.4	183.9	4.0	22.3	23.3
	Noncorporate ownership.....	54	8	.8	3.4	.7	1.2	2.6	6.8	6.3	13.1	.1	1.4	1.4
	Administrative records <sup>e</sup> .....	203	-	.6	3.2	.6	1.0	2.2	7.0	5.8	12.8	.2	1.7	1.7
	Legal form of organization:													
	Corporate.....	353	250	29.8	168.9	23.1	45.0	111.5	362.4	353.9	706.4	22.0	116.4	125.5
	Noncorporate, total.....	54	8	.8	3.4	.7	1.2	2.6	6.8	6.3	13.1	.1	1.4	1.4
	Individual <sup>e</sup> .....	41	3	.3	1.4	.3	.5	1.1	2.6	2.0	4.5	.1	.4	.5
	Partnership.....	12	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	203	-	.6	3.2	.6	1.0	2.2	7.0	5.8	12.8	.2	1.7	1.7
2651	Folding paperboard boxes, total.....	569	393	49.3	322.6	39.5	82.1	228.8	563.2	657.2	1,216.2	42.2	167.7	172.7
	Type of operation:													
	Multiunit companies, total.....	184	173	34.1	231.2	26.9	56.8	164.5	404.0	515.4	916.7	33.4	134.7	137.9
	Corporate ownership or control...	184	173	34.1	231.2	26.9	56.8	164.5	404.0	515.4	916.7	33.4	134.7	137.9
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	305	220	15.0	90.2	12.4	25.0	63.4	156.4	138.8	293.6	8.7	32.2	34.1
	Corporate ownership or control...	278	213	14.7	88.5	12.1	24.4	62.1	153.3	135.9	287.8	8.6	31.9	33.6
	Noncorporate ownership.....	27	7	.3	1.7	.3	.6	1.3	3.1	2.9	5.9	.1	.4	.5
	Administrative records <sup>e</sup> .....	80	-	.2	1.2	.2	.4	.9	2.8	3.0	5.8	.2	.8	.8
	Legal form of organization:													
	Corporate.....	462	386	48.8	319.7	39.0	81.2	226.6	557.3	651.4	1,204.5	42.0	166.6	171.5
	Noncorporate, total.....	27	7	.3	1.7	.3	.6	1.3	3.1	2.9	5.9	.1	.4	.5
	Individual.....	21	2	.2	.9	.2	.3	.7	1.3	1.5	2.9	.1	.2	.3
	Partnership.....	5	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	80	-	.2	1.2	.2	.4	.9	2.8	3.0	5.8	.2	.8	.8

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967-Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new <sup>2</sup>	Inventories end of-	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
2652	Setup paperboard boxes, total .....	454	295	21.1	100.4	18.3	35.4	73.3	160.2	122.7	282.4	6.1	30.9	31.2
	Type of operation:													
	Multiunit companies, total.....	94	77	7.2	35.6	6.1	12.4	25.9	60.4	52.4	112.7	2.4	13.4	13.2
	Corporate ownership or control...	94	77	7.2	35.6	6.1	12.4	25.9	60.4	52.4	112.7	2.4	13.4	13.2
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	289	218	13.6	63.6	11.9	22.6	46.6	96.9	68.2	164.7	3.6	16.9	17.4
	Corporate ownership or control...	254	201	12.7	59.8	11.0	21.0	43.3	90.5	63.0	153.1	3.5	16.0	16.3
	Noncorporate ownership.....	35	17	1.0	3.8	.9	1.6	3.3	6.4	5.3	11.5	.1	.9	1.1
	Administrative records <sup>e</sup> .....	71	-	.3	1.2	.3	.5	.9	2.9	2.1	5.0	.1	.6	.6
	Legal form of organization:													
	Corporate.....	348	278	19.8	95.4	17.1	33.4	69.2	150.9	115.3	265.9	5.9	29.3	29.5
	Noncorporate, total.....	35	17	1.0	3.8	.9	1.6	3.3	6.4	5.3	11.5	.1	.9	1.1
	Individual.....	19	5	.3	1.0	.2	.4	.8	1.5	1.9	3.4	(Z)	.3	.3
	Partnership.....	16	12	.7	2.8	.6	1.2	2.4	4.8	3.4	8.1	.1	.7	.8
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	71	-	.3	1.2	.3	.5	.9	2.9	2.1	5.0	.1	.6	.6
2653	Corrugated and solid fiber boxes, total .....	1,071	803	97.1	656.0	73.0	152.5	435.0	1,130.0	1,830.4	2,959.6	127.7	264.1	258.0
	Type of operation:													
	Multiunit companies, total.....	621	563	80.3	547.9	60.0	126.2	367.5	934.6	1,579.1	2,513.9	116.4	238.9	229.7
	Corporate ownership or control...	618	560	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	3	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	364	240	16.6	106.7	12.8	25.9	66.6	193.0	247.5	439.5	11.3	24.6	27.7
	Corporate ownership or control...	327	232	16.1	103.8	12.4	25.3	64.7	187.5	241.9	428.4	11.2	23.9	26.8
	Noncorporate ownership.....	37	8	.4	2.9	.4	.7	1.9	5.5	5.7	11.1	.1	.7	.9
	Administrative records <sup>e</sup> .....	86	-	.2	1.4	.2	.4	.9	2.4	3.7	6.2	.1	.6	.6
	Legal form of organization:													
	Corporate.....	945	792	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	40	11	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual.....	33	7	.4	2.2	.3	.6	1.5	4.9	5.7	10.5	.3	.7	.8
	Partnership.....	6	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	86	-	.2	1.4	.2	.4	.9	2.4	3.7	6.2	.1	.6	.6
2654	Sanitary food containers, total .....	244	184	35.3	213.8	28.5	60.2	157.8	506.1	595.3	1,093.9	48.1	165.5	170.3
	Type of operation:													
	Multiunit companies, total.....	143	134	31.7	193.9	25.5	53.8	143.3	465.9	556.8	1,015.3	45.0	156.6	161.5
	Corporate ownership or control...	142	134	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	85	50	3.6	19.5	3.0	6.3	14.2	39.4	37.5	76.8	3.1	8.6	8.6
	Corporate ownership or control...	75	48	3.5	19.0	2.9	6.2	13.8	38.4	36.3	74.7	3.0	8.4	8.4
	Noncorporate ownership.....	10	2	.1	.5	.1	.2	.4	1.0	1.1	2.1	(Z)	.2	.2
	Administrative records <sup>e</sup> .....	16	-	.1	.4	.1	.1	.3	.8	1.0	1.8	(Z)	.3	.3
	Legal form of organization:													
	Corporate.....	217	182	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	11	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual.....	8	1	.1	.4	.1	.2	.3	.7	.7	1.4	(Z)	.1	.1
	Partnership.....	3	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	16	-	.1	.4	.1	.1	.3	.8	1.0	1.8	(Z)	.3	.3
2655	Fiber cans, drums, related material, total .....	268	160	15.7	93.7	13.3	27.9	72.9	181.1	203.0	385.2	13.3	38.3	36.8
	Type of operation:													
	Multiunit companies, total.....	141	113	11.2	72.2	9.4	20.1	57.0	141.4	171.9	314.8	11.0	33.4	31.2
	Corporate ownership or control...	139	111	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	86	47	4.4	20.8	3.8	7.5	15.3	38.3	29.9	67.8	2.3	4.7	5.4
	Corporate ownership or control...	71	45	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	15	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	41	-	.1	.8	.1	.2	.6	1.3	1.3	2.6	(Z)	.3	.3
	Legal form of organization:													
	Corporate.....	210	156	15.3	91.7	13.0	27.2	71.5	178.0	200.2	379.4	13.1	37.8	36.2
	Noncorporate, total.....	17	4	.3	1.2	.2	.4	.9	1.7	1.5	3.2	.2	.3	.4
	Individual.....	12	2	.2	.7	.1	.3	.5	1.1	.7	1.8	(D)	.3	.3
	Partnership.....	5	2	.1	.4	.1	.2	.3	.6	.8	1.4	(D)	(Z)	.1
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	41	-	.1	.8	.1	.2	.6	1.3	1.3	2.6	(Z)	.3	.3
2661	Building paper and board mills, total .....	94	74	11.7	82.5	10.0	21.5	67.4	183.7	155.6	341.1	20.3	33.3	31.6
	Type of operation:													
	Multiunit companies, total.....	74	67	11.1	77.8	9.5	20.3	63.8	173.1	148.8	323.7	19.9	32.4	30.7
	Corporate ownership or control...	74	67	11.1	77.8	9.5	20.3	63.8	173.1	148.8	323.7	19.9	32.4	30.7
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	14	7	.6	4.7	.5	1.2	3.5	10.5	6.6	17.2	.3	.9	.8
	Corporate ownership or control...	11	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	6	-	(Z)	.1	(Z)	(Z)	(Z)	.1	.1	.2	-	(Z)	(Z)
	Legal form of organization:													
	Corporate.....	85	74	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual.....	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	6	-	(Z)	.1	(Z)	(Z)	(Z)	.1	.1	.2	-	(Z)	(Z)

See footnotes at end of table.



TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967-Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new <sup>2</sup>	Inventories end of--	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1966	1967
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
27	Printing and publishing, total.....	37,989	8,035	1,031.0	7,151.5	631.6	1,196.1	4,011.3	14,355.1	7,518.5	21,738.4	788.1	1,667.2	1,859.8
	Type of operation:													
	Multiunit companies, total.....	2,817	2,218	550.6	4,008.5	301.1	578.1	2,065.1	8,727.8	4,698.6	13,353.5	495.8	1,204.9	1,342.9
	Corporate ownership or control...	2,761	2,191	548.5	3,996.6	299.9	575.8	2,058.6	8,702.1	4,690.5	13,319.8	495.1	1,204.0	1,341.8
	Noncorporate ownership.....	56	27	2.1	11.9	1.2	2.3	6.3	25.7	8.1	33.7	.8	.8	1.0
	Single unit companies, total.....	14,532	5,817	433.2	2,903.1	288.1	552.9	1,790.0	5,066.6	2,482.6	7,523.8	268.0	403.4	457.9
	Corporate ownership or control...	11,275	5,439	397.4	2,702.1	262.4	505.3	1,651.1	4,683.8	2,303.1	6,963.1	248.3	379.0	429.4
	Noncorporate ownership.....	3,257	378	35.8	201.0	25.6	47.6	138.9	382.8	179.4	560.7	19.8	24.3	28.5
	Administrative records <sup>c</sup> .....	20,640	-	47.2	240.0	42.5	65.2	156.5	560.7	337.3	898.0	24.1	59.0	59.1
	Legal form of organization:													
	Corporate.....	14,036	7,630	945.9	6,698.7	562.3	1,081.1	3,709.7	13,396.9	7,019.6	20,282.9	743.3	1,583.1	1,771.2
	Noncorporate, total.....	3,313	405	37.9	212.9	26.8	49.9	145.2	408.4	187.5	594.4	20.5	25.2	29.5
	Individual.....	2,576	154	20.3	112.6	15.4	28.5	79.0	211.1	108.7	318.9	10.6	13.3	15.4
	Partnership.....	647	208	14.0	79.8	9.6	18.1	55.2	156.3	60.1	215.8	7.2	7.9	9.7
	Other.....	90	43	3.7	20.5	1.8	3.3	11.0	41.0	18.7	59.7	2.7	4.0	4.5
	Administrative records <sup>c</sup> .....	20,640	-	47.2	240.0	42.5	65.2	156.5	560.7	337.3	898.0	24.1	59.0	59.1
2711	Newspapers, total.....	8,094	2,029	335.9	2,223.7	169.2	302.0	1,121.5	4,184.7	1,573.6	5,757.1	246.7	137.3	162.5
	Type of operation:													
	Multiunit companies, total.....	779	641	200.5	1,455.2	93.7	169.6	714.4	2,792.8	1,134.0	3,925.8	157.6	99.3	111.0
	Corporate ownership or control...	763	630	199.4	1,448.8	93.2	168.6	711.5	2,778.2	1,130.5	3,907.7	157.3	99.0	110.6
	Noncorporate ownership.....	16	11	1.2	6.4	.5	1.0	2.8	14.6	3.5	18.1	.3	.3	.4
	Single unit companies, total.....	2,715	1,388	121.9	712.7	64.3	115.7	370.8	1,266.0	383.3	1,649.1	80.4	32.7	46.1
	Corporate ownership or control...	2,113	1,266	112.3	664.8	58.7	105.8	344.0	1,172.8	354.2	1,526.7	75.3	30.5	42.6
	Noncorporate ownership.....	602	122	9.6	47.9	5.6	9.9	26.8	93.3	29.2	122.4	5.2	2.2	3.5
	Administrative records <sup>c</sup> .....	4,600	-	13.4	55.7	11.2	16.7	36.4	125.8	56.3	182.1	8.6	5.3	5.3
	Legal form of organization:													
	Corporate.....	2,876	1,896	311.7	2,113.7	151.9	274.4	1,055.5	3,951.0	1,484.6	5,434.4	232.6	129.4	153.2
	Noncorporate, total.....	618	133	10.8	54.3	6.1	10.9	29.6	107.8	32.7	140.5	5.5	2.5	3.9
	Individual.....	432	48	4.5	19.9	2.9	5.1	12.0	37.0	14.3	51.3	2.0	1.4	1.7
	Partnership.....	158	71	4.9	25.2	2.5	4.6	13.1	50.2	11.6	61.8	2.9	.9	1.5
	Other.....	28	14	1.4	9.3	.7	1.2	4.6	20.6	6.8	27.5	.6	.2	.7
	Administrative records <sup>c</sup> .....	4,600	-	13.4	55.7	11.2	16.7	36.4	125.8	56.3	182.1	8.6	5.3	5.3
2721	Periodicals, total.....	2,510	454	79.1	633.7	14.5	25.2	80.5	1,868.7	1,234.1	3,095.9	58.0	157.1	164.9
	Type of operation:													
	Multiunit companies, total.....	238	158	51.5	431.3	6.8	13.2	43.6	1,378.4	979.9	2,351.8	47.4	128.9	134.9
	Corporate ownership or control...	232	155	51.3	430.3	6.8	13.2	43.6	1,375.1	979.0	2,347.6	(D)	128.9	134.8
	Noncorporate ownership.....	6	3	.1	1.0	(2)	(2)	(2)	3.3	.9	4.2	(D)	(2)	(2)
	Single unit companies, total.....	888	296	25.4	186.2	6.6	11.6	35.2	435.1	218.3	652.9	10.4	24.4	26.2
	Corporate ownership or control...	696	278	22.8	172.7	5.9	10.3	31.0	400.6	199.9	600.0	8.2	21.9	23.7
	Noncorporate ownership.....	192	18	2.5	13.5	.7	1.3	4.2	34.5	18.5	52.9	2.2	2.6	2.5
	Administrative records <sup>c</sup> .....	1,384	-	2.3	16.3	1.1	.4	1.6	55.2	35.9	91.1	.2	3.8	3.8
	Legal form of organization:													
	Corporate.....	928	433	74.1	603.0	12.7	23.5	74.9	1,775.7	1,178.6	2,947.6	(D)	150.7	158.6
	Noncorporate, total.....	198	21	2.6	14.4	.7	1.3	4.2	37.8	19.4	57.2	(D)	2.6	2.5
	Individual.....	157	6	1.0	6.3	.2	.3	.7	18.4	11.6	29.9	.2	.8	.8
	Partnership.....	22	7	.5	2.5	.2	.3	.9	7.8	1.9	9.7	.1	.3	.3
	Other.....	19	8	1.2	5.6	.4	.7	2.6	11.7	5.9	17.6	(D)	1.6	1.4
	Administrative records <sup>c</sup> .....	1,384	-	2.3	16.3	1.1	.4	1.6	55.2	35.9	91.1	.2	3.8	3.8
2731	Book publishing, total.....	1,022	287	51.8	390.1	13.3	24.8	76.6	1,456.5	762.8	2,134.7	55.1	498.3	582.5
	Type of operation:													
	Multiunit companies, total.....	175	133	38.6	303.8	9.0	17.2	56.2	1,198.7	594.0	1,716.3	46.6	405.8	481.6
	Corporate ownership or control...	175	133	38.6	303.8	9.0	17.2	56.2	1,198.7	594.0	1,716.3	46.6	405.8	481.6
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	354	154	12.2	81.0	3.8	7.3	19.6	236.7	153.6	382.3	8.4	84.2	92.7
	Corporate ownership or control...	285	145	11.3	76.8	3.4	6.5	18.0	225.1	144.8	362.1	7.4	79.8	87.9
	Noncorporate ownership.....	69	9	.9	4.2	.5	.8	1.6	11.6	8.8	20.2	1.0	4.5	4.7
	Administrative records <sup>c</sup> .....	493	-	1.0	5.3	.4	.3	.8	21.0	15.2	36.2	.1	8.3	8.3
	Legal form of organization:													
	Corporate.....	460	278	49.9	380.6	12.4	23.7	74.2	1,423.8	738.8	2,078.3	54.0	485.6	569.5
	Noncorporate, total.....	69	9	.9	4.2	.5	.8	1.6	11.6	8.8	20.2	1.0	4.5	4.7
	Individual.....	59	2	.4	1.9	.2	.5	.7	5.3	3.9	9.2	(D)	1.8	1.8
	Partnership.....	7	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	3	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>c</sup> .....	493	-	1.0	5.3	.4	.3	.8	21.0	15.2	36.2	.1	8.3	8.3
2732	Book printing, total.....	744	316	44.7	297.9	36.7	73.4	227.9	510.9	273.0	787.4	45.9	71.8	68.4
	Type of operation:													
	Multiunit companies, total.....	87	73	27.5	176.1	22.8	45.5	137.1	303.5	152.3	460.1	34.3	54.6	49.3
	Corporate ownership or control...	84	72	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	3	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	506	243	16.9	120.0	13.6	27.4	89.4	203.2	118.1	320.6	11.6	16.8	18.7
	Corporate ownership or control...	430	231	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	76	12	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>c</sup> .....	151	-	.3	1.8	.3	.5	1.4	4.2	2.5	6.7	(2)	.4	.4
	Legal form of organization:													
	Corporate.....	514	303	43.3	289.5	35.6	71.1	221.4	494.0	263.0	760.7	45.5	70.2	66.7
	Noncorporate, total.....	79	13	1.1	6.6	.9	1.8	5.2	12.7	7.5	20.0	.4	1.1	1.3
	Individual.....	58	6	.7	4.1	.6	1.0	3.2	7.7	4.2	11.9	.2	.4	.5
	Partnership.....	17	5	.3	1.9	.2	.6	1.6	3.5	2.1	5.5	.1	.4	.4
	Other.....	4	2	.1	.6	.1	.2	.4	1.5	1.1	2.6	(2)	.4	.4
	Administrative records <sup>c</sup> .....	151	-	.3	1.8	.3	.5	1.4	4.2	2.5	6.7	(2)	.4	.4

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967-Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new <sup>2</sup>	Inventories end of-	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1966	1967
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
2741	Miscellaneous publishing, total .....	1,493	204	31.1	197.4	15.0	25.6	79.7	417.5	184.5	605.3	10.0	45.8	41.1
	Type of operation:													
	Multiunit companies, total.....	132	87	21.3	142.2	9.8	17.9	56.6	303.6	125.6	433.0	6.9	36.8	31.2
	Corporate ownership or control...	131	87	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	395	117	8.0	45.9	4.0	6.8	19.8	95.6	44.5	139.6	2.6	6.8	7.6
	Corporate ownership or control...	276	100	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	119	17	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>2</sup> .....	966	-	1.8	9.2	1.2	.9	3.4	18.4	14.4	32.7	.4	(D)	2.2
	Legal form of organization:													
	Corporate.....	407	187	27.9	181.7	13.1	23.4	73.2	386.7	163.5	553.6	8.9	43.0	38.1
	Noncorporate, total.....	120	17	1.3	6.5	.7	1.3	3.1	12.5	6.6	19.0	.6	.6	.7
	Individual <sup>2</sup> .....	99	6	.7	3.8	.4	.7	1.7	6.4	3.8	10.1	.4	.4	.4
	Partnership.....	18	10	.5	2.0	.3	.6	1.2	5.5	2.4	7.8	.2	.2	.3
	Other.....	3	1	.1	.6	(Z)	(Z)	.1	.6	.4	1.0	(Z)	(Z)	(Z)
	Administrative records <sup>2</sup> .....	966	-	1.8	9.2	1.2	.9	3.4	18.4	14.4	32.7	.4	2.2	2.2
2751	Commercial printing, except lithographic, total .....	12,098	1,439	175.1	1,186.0	142.3	273.2	880.1	1,947.9	1,322.9	3,255.5	142.9	249.5	275.7
	Type of operation:													
	Multiunit companies, total.....	456	357	77.3	582.3	61.3	120.9	441.7	917.1	647.8	1,556.0	91.1	135.0	149.9
	Corporate ownership or control...	446	355	77.2	581.6	61.4	120.7	441.1	915.5	647.2	1,553.9	91.0	134.8	149.7
	Noncorporate ownership.....	10	2	.1	.7	.1	.2	.6	1.6	.6	2.2	.2	.2	.2
	Single unit companies, total.....	3,726	1,082	80.1	517.3	63.4	124.1	372.7	842.8	540.6	1,376.8	43.9	85.6	96.8
	Corporate ownership or control...	2,616	1,010	71.6	469.7	56.2	110.6	334.6	757.3	490.1	1,241.6	40.3	78.6	88.3
	Noncorporate ownership.....	1,110	72	8.4	47.7	7.2	13.5	38.0	85.5	50.5	135.2	3.7	6.9	8.5
	Administrative records <sup>2</sup> .....	7,916	-	17.7	86.3	17.7	28.2	65.7	188.0	134.6	322.6	7.8	29.0	29.0
	Legal form of organization:													
	Corporate.....	3,062	1,365	148.8	1,051.2	117.3	231.3	775.7	1,672.9	1,137.2	2,795.5	131.2	213.4	238.0
	Noncorporate, total.....	1,120	74	8.6	48.4	7.3	13.7	38.6	87.0	51.1	137.4	3.8	7.1	8.7
	Individual.....	924	35	5.8	32.6	5.0	9.5	26.0	57.9	33.9	91.2	2.5	4.8	5.9
	Partnership.....	178	33	2.5	14.5	2.0	3.9	11.7	27.2	15.9	42.9	1.3	2.1	2.6
	Other.....	18	6	.3	1.3	.2	.3	.9	2.0	1.3	3.3	.1	.2	.2
	Administrative records <sup>2</sup> .....	7,916	-	17.7	86.3	17.7	28.2	65.7	188.0	134.6	322.6	7.8	29.0	29.0
2752	Commercial printing, lithographic, total .....	6,822	1,648	146.5	1,113.2	112.2	223.3	766.5	1,897.7	1,242.4	3,139.4	125.6	206.7	209.9
	Type of operation:													
	Multiunit companies, total.....	410	332	51.4	391.0	37.8	75.1	266.2	693.2	483.2	1,179.2	47.1	109.7	104.5
	Corporate ownership or control...	397	327	51.1	389.1	37.6	74.7	265.0	690.2	481.3	1,174.4	46.9	109.5	104.3
	Noncorporate ownership.....	13	5	.3	1.9	.2	.4	1.3	3.0	1.9	4.8	.2	.2	.3
	Single unit companies, total.....	3,242	1,316	88.6	682.0	67.8	136.5	472.1	1,109.7	699.5	1,805.8	74.1	90.7	99.1
	Corporate ownership or control...	2,655	1,253	82.7	644.2	62.9	127.0	443.1	1,040.1	659.4	1,696.2	70.3	86.8	94.7
	Noncorporate ownership.....	587	63	5.9	37.7	4.9	9.5	29.0	69.6	40.1	109.6	3.8	3.9	4.4
	Administrative records <sup>2</sup> .....	3,170	-	6.6	40.3	6.5	11.7	28.2	94.7	59.7	154.4	4.4	6.3	6.3
	Legal form of organization:													
	Corporate.....	3,052	1,580	133.8	1,033.3	100.5	201.7	708.1	1,730.4	1,140.7	2,870.6	117.2	196.3	199.0
	Noncorporate, total.....	600	68	6.2	39.7	5.1	9.9	30.3	72.6	42.0	114.4	4.0	4.1	4.6
	Individual.....	461	30	3.8	23.6	3.2	6.1	17.9	42.6	26.3	68.7	2.6	2.3	2.6
	Partnership.....	130	33	2.2	14.8	1.8	3.5	11.3	28.0	14.5	42.4	1.3	1.7	1.8
	Other.....	9	5	.2	1.3	.2	.3	1.0	2.0	1.3	3.2	.1	.2	.2
	Administrative records <sup>2</sup> .....	3,170	-	6.6	40.3	6.5	11.7	28.2	94.7	59.7	154.4	4.4	6.3	6.3
2753	Engraving and plate printing, total .....	577	129	9.0	58.7	7.3	14.6	42.7	98.8	39.7	137.9	3.8	9.0	10.0
	Type of operation:													
	Multiunit companies, total.....	43	25	2.8	18.0	2.3	4.7	13.7	32.4	11.3	43.2	1.8	5.2	5.9
	Corporate ownership or control...	43	25	2.8	18.0	2.3	4.7	13.7	32.4	11.3	43.2	1.8	5.2	5.9
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	287	104	5.6	37.2	4.4	8.9	26.3	59.0	25.3	84.1	1.8	3.4	3.7
	Corporate ownership or control...	228	101	5.1	34.9	4.0	8.2	24.5	54.5	23.5	77.9	1.7	3.2	3.4
	Noncorporate ownership.....	59	3	.4	2.3	.4	.7	1.8	4.5	1.8	6.2	.1	.2	.3
	Administrative records <sup>2</sup> .....	247	-	.6	3.5	.6	1.0	2.7	7.5	3.1	10.6	.2	.4	.4
	Legal form of organization:													
	Corporate.....	271	126	8.0	52.9	6.3	12.8	38.2	86.9	34.8	121.1	3.5	8.3	9.3
	Noncorporate, total.....	59	3	.4	2.3	.4	.7	1.8	4.5	1.8	6.2	.1	.2	.3
	Individual.....	50	2	.3	1.7	.3	.5	1.3	3.2	1.2	4.4	.1	.2	.2
	Partnership.....	9	1	.1	.6	.1	.2	.5	1.3	.5	1.8	(Z)	(Z)	.1
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>2</sup> .....	247	-	.6	3.5	.6	1.0	2.7	7.5	3.1	10.6	.2	.4	.4
2761	Manifold business forms, total .....	542	295	34.4	240.2	25.1	51.4	158.9	550.5	384.6	932.3	39.8	92.6	98.4
	Type of operation:													
	Multiunit companies, total.....	153	136	23.9	167.3	17.5	35.8	112.4	422.9	288.5	709.5	32.0	74.9	79.3
	Corporate ownership or control...	153	136	23.9	167.3	17.5	35.8	112.4	422.9	288.5	709.5	32.0	74.9	79.3
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	292	159	10.3	71.6	7.5	15.2	45.6	124.6	93.7	217.5	7.6	17.2	18.6
	Corporate ownership or control...	257	154	9.8	69.1	7.2	14.6	43.6	119.7	90.8	209.6	7.2	16.7	18.1
	Noncorporate ownership.....	35	5	.5	2.5	.4	.6	2.0	5.0	2.9	7.9	.4	.5	.5
	Administrative records <sup>2</sup> .....	97	-	.2	1.3	.2	.3	.9	3.0	2.3	5.3	.2	.5	.5
	Legal form of organization:													
	Corporate.....	410	290	33.8	236.4	24.7	50.4	156.1	542.5	379.4	919.1	39.2	91.6	97.4
	Noncorporate, total.....	35	5	.5	2.5	.4	.6	2.0	5.0	2.9	7.9	.4	.5	.5
	Individual.....	25	3	.3	1.7	.3	.4	1.3	3.7	2.2	5.8	.3	.4	.4
	Partnership.....	9	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>2</sup> .....	97	-	.2	1.3	.2	.3	.9	3.0	2.3	5.3	.2	.5	.5

See footnotes at end of table.



TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967—Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new <sup>2</sup> (million dollars)	Inventories end of—	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
2771	Greeting card publishing, total .....	222	92	27.6	150.6	16.4	31.3	75.0	371.3	171.9	517.9	14.9	109.2	147.8
	Type of operation:													
	Multiunit companies, total.....	44	38	23.4	127.1	12.9	24.8	58.9	324.2	141.6	441.6	12.9	100.5	138.5
	Corporate ownership or control...	44	38	23.4	127.1	12.9	24.8	58.9	324.2	141.6	441.6	12.9	100.5	138.5
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	91	54	4.0	22.5	3.2	6.2	15.6	44.6	28.5	72.0	1.9	8.1	8.6
	Corporate ownership or control...	82	52	3.9	22.0	3.1	6.0	15.2	43.4	27.3	69.7	1.9	7.8	8.4
	Noncorporate ownership.....	9	2	.1	.5	.1	.2	.5	1.2	1.2	2.3	(Z)	.3	.3
	Administrative records <sup>e</sup> .....	87	-	.2	1.0	.2	.3	.5	2.5	1.7	4.2	.1	.6	.6
	Legal form of organization:													
	Corporate.....	126	90	27.3	149.1	16.1	30.8	74.1	367.7	169.0	511.3	14.8	108.3	146.9
	Noncorporate, total.....	9	2	.1	.5	.1	.2	.5	1.2	1.2	2.3	(Z)	.3	.3
	Individual <sup>e</sup> .....	7	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	87	-	.2	1.0	.2	.3	.5	2.5	1.7	4.2	.1	.6	.6
2782	Blankbooks and looseleaf binders, total .....	444	193	23.2	130.3	19.4	38.4	94.5	245.4	138.0	381.3	11.6	48.5	52.7
	Type of operation:													
	Multiunit companies, total.....	88	81	15.1	87.5	12.4	25.4	64.3	167.2	79.9	246.3	8.9	36.2	38.5
	Corporate ownership or control...	87	81	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	201	112	7.8	40.8	6.6	12.4	28.9	74.1	55.4	128.3	2.6	11.7	13.5
	Corporate ownership or control...	171	107	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	30	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	155	-	.4	1.9	.4	.6	1.4	4.0	2.6	6.7	.1	.7	.7
	Legal form of organization:													
	Corporate.....	258	188	22.3	125.8	18.5	36.9	91.1	236.7	132.3	367.0	11.4	47.5	51.7
	Noncorporate, total.....	31	5	.6	2.6	.5	.9	2.1	4.6	3.0	7.6	.2	.3	.3
	Individual.....	26	3	.4	1.7	.4	.7	1.4	3.1	1.7	4.8	.1	.2	.3
	Partnership.....	4	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	155	-	.4	1.9	.4	.6	1.4	4.0	2.6	6.7	.1	.7	.7
2789	Bookbinding and related work, total .....	1,018	334	30.3	163.9	27.2	50.3	131.0	260.6	80.2	340.6	13.5	20.7	21.0
	Type of operation:													
	Multiunit companies, total.....	56	48	7.7	42.8	6.9	12.8	34.5	68.4	26.9	96.0	4.2	10.8	10.0
	Corporate ownership or control...	53	45	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	3	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	537	286	21.4	115.6	19.2	35.7	92.1	180.6	50.1	229.8	8.9	9.4	10.6
	Corporate ownership or control...	425	259	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	112	27	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	425	-	1.1	5.5	1.1	1.9	4.4	11.6	3.2	14.8	.3	.4	.4
	Legal form of organization:													
	Corporate.....	478	304	27.0	148.0	24.1	44.8	117.7	231.3	73.3	304.5	12.1	19.8	20.0
	Noncorporate, total.....	115	30	2.1	10.3	2.0	3.7	8.9	17.6	3.7	21.3	1.0	.5	.6
	Individual.....	80	10	.9	4.3	.9	1.6	3.7	7.4	1.6	8.9	.4	.2	.2
	Partnership.....	35	20	1.2	6.0	.1	2.1	5.2	10.3	2.1	12.3	.7	.3	.4
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	425	-	1.1	5.5	1.1	1.9	4.4	11.6	3.2	14.8	.3	.4	.4
2791	Typesetting, total .....	1,535	365	25.5	208.3	20.9	40.2	164.1	304.3	52.7	356.7	13.2	12.8	14.3
	Type of operation:													
	Multiunit companies, total.....	79	58	5.7	45.7	4.9	9.7	37.3	63.2	16.3	79.9	2.9	4.2	4.0
	Corporate ownership or control...	77	57	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	778	307	18.8	154.6	15.0	28.8	120.4	224.8	32.7	256.8	8.7	7.8	9.6
	Corporate ownership or control...	612	292	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	166	15	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	678	-	1.1	8.0	1.1	1.7	6.4	16.4	3.6	20.0	1.5	.8	.8
	Legal form of organization:													
	Corporate.....	689	349	22.9	188.7	18.5	35.9	147.3	269.1	45.9	314.7	10.9	11.6	13.1
	Noncorporate, total.....	168	16	1.6	11.7	1.4	2.6	10.4	18.9	3.1	22.0	.8	.4	.5
	Individual.....	135	2	.9	6.7	.8	1.5	5.9	10.8	2.0	12.8	.6	.2	.3
	Partnership.....	32	13	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	678	-	1.1	8.0	1.1	1.7	6.4	16.4	3.6	20.0	1.5	.8	.8
2793	Photoengraving, total .....	735	193	13.2	126.2	9.4	17.5	89.8	191.7	43.7	234.3	6.3	5.8	8.5
	Type of operation:													
	Multiunit companies, total.....	47	31	2.5	25.1	1.8	3.4	18.2	39.4	10.7	49.2	1.5	1.7	3.0
	Corporate ownership or control...	46	30	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	445	162	10.3	97.6	7.2	13.6	69.0	144.6	31.1	175.5	4.7	3.8	5.2
	Corporate ownership or control...	366	156	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	79	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	243	-	.4	3.5	.4	.6	2.6	7.7	1.9	9.6	.1	.3	.3
	Legal form of organization:													
	Corporate.....	412	186	11.9	115.5	8.4	15.7	81.8	171.8	38.9	209.7	5.7	5.2	7.8
	Noncorporate, total.....	80	7	.9	7.1	.6	1.2	5.5	12.2	2.9	15.0	.5	.3	.4
	Individual <sup>e</sup> .....	56	1	.4	3.6	.3	.6	2.7	6.5	1.5	7.9	.2	.2	.2
	Partnership.....	23	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	243	-	.4	3.5	.4	.6	2.6	7.7	1.9	9.6	.1	.3	.3

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967-Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new <sup>2</sup> (million dollars)	Inventories end of--	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
2794	Electrotyping and stereotyping, total	133	57	3.6	31.3	2.6	5.0	22.5	47.7	14.3	62.1	.7	2.2	2.2
	Type of operation:													
	Multiunit companies, total.....	30	20	1.4	13.1	1.1	2.2	9.8	21.9	6.5	28.5	.4	1.3	1.3
	Corporate ownership or control...	30	20	1.4	13.1	1.1	2.2	9.8	21.9	6.5	28.5	.4	1.3	1.3
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	75	37	2.1	18.0	1.4	2.7	12.5	25.1	7.7	32.8	.3	.9	.9
	Corporate ownership or control...	63	35	1.9	16.2	1.2	2.4	11.0	22.5	6.8	29.3	.3	.9	.7
	Noncorporate ownership.....	12	2	.2	1.8	.2	.3	1.6	2.6	.9	3.4	(Z)	.2	.2
	Administrative records <sup>e</sup> .....	28	-	(Z)	.3	(Z)	.1	.2	.7	.2	.9	-	(Z)	(Z)
	Legal form of organization:													
	Corporate.....	93	55	3.3	29.3	2.4	4.7	20.8	44.4	13.3	57.8	.7	2.0	2.0
	Noncorporate, total.....	12	2	.2	1.8	.2	.3	1.6	2.6	.9	3.4	(Z)	.2	.2
	Individual <sup>e</sup> .....	7	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	4	2	(D)	(D)	.1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	1	-	(D)	(D)	(Z)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	28	-	(Z)	.3	(Z)	.1	.2	.7	.2	.9	-	(Z)	(Z)
28	Chemicals and allied products, total	11,799	4,348	841.4	6,443.0	541.4	1,086.1	3,555.2	23,550.1	18,821.2	42,148.3	2,936.1	4,997.2	5,348.7
	Type of operation:													
	Multiunit companies, total.....	4,454	2,968	736.5	5,733.2	477.5	962.8	3,234.4	21,616.9	16,904.4	38,327.5	2,824.9	4,614.4	4,923.0
	Corporate ownership or control...	4,327	2,898	729.7	5,686.9	472.6	952.0	3,205.1	21,434.7	16,605.0	37,855.1	2,788.5	4,551.4	4,850.8
	Noncorporate ownership.....	127	70	6.8	46.3	4.9	10.7	29.3	182.2	299.5	472.5	36.4	63.0	72.2
	Single unit companies, total.....	4,005	1,380	98.6	675.9	58.3	115.3	303.8	1,824.1	1,811.9	3,606.9	106.8	353.2	396.2
	Corporate ownership or control...	3,345	1,345	93.4	644.1	54.7	108.4	286.4	1,715.1	1,694.7	3,382.7	101.0	331.1	370.7
	Noncorporate ownership.....	660	35	5.3	31.8	3.6	6.8	17.4	109.0	117.2	224.2	5.8	22.2	25.5
	Administrative records <sup>e</sup> .....	3,340	-	6.3	34.0	6.0	8.1	17.1	109.0	104.8	213.8	4.5	29.5	29.5
	Legal form of organization:													
	Corporate.....	7,672	4,243	823.1	6,330.9	527.3	1,060.5	3,491.5	23,149.8	18,299.7	41,237.6	2,889.4	4,882.5	5,221.4
	Noncorporate, total.....	787	105	12.0	78.1	8.5	17.6	46.7	291.2	416.7	696.7	42.2	85.1	97.7
	Individual <sup>e</sup> .....	580	11	3.2	18.9	2.3	4.2	10.1	54.5	60.5	114.1	4.5	12.1	12.9
	Partnership.....	88	23	2.9	19.7	1.9	3.8	11.5	60.8	117.9	174.7	24.0	19.5	27.2
	Other.....	119	71	5.9	39.5	4.3	9.5	25.1	175.9	238.3	408.0	13.7	53.6	57.5
	Administrative records <sup>e</sup> .....	3,340	-	6.3	34.0	6.0	8.1	17.1	109.0	104.8	213.8	4.5	29.5	29.5
2812	Alkalies and chlorine, total .....	44	40	19.2	155.7	12.8	25.5	94.4	419.2	302.0	719.8	98.0	67.6	71.4
	Type of operation:													
	Multiunit companies, total.....	42	39	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Corporate ownership or control...	42	39	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total <sup>e</sup> .....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Corporate ownership or control <sup>e</sup> .....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Legal form of organization:													
	Corporate.....	43	40	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Individual.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2813	Industrial gases, total .....	507	156	10.3	78.5	5.3	11.1	36.6	400.9	188.8	588.7	123.7	19.5	21.2
	Type of operation:													
	Multiunit companies, total.....	430	142	9.3	71.8	4.9	10.0	33.7	370.9	169.4	539.7	121.2	17.6	18.8
	Corporate ownership or control...	429	142	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	51	14	.9	6.5	.4	1.0	2.8	29.0	18.8	47.4	2.4	1.8	2.3
	Corporate ownership or control...	42	14	.9	6.2	.4	.9	2.6	28.1	18.1	45.9	2.2	1.8	2.2
	Noncorporate ownership <sup>e</sup> .....	9	-	(Z)	.3	(Z)	(Z)	.1	.9	.6	1.6	.1	.1	.1
	Administrative records <sup>e</sup> .....	26	-	(Z)	.3	(Z)	(Z)	.1	1.0	.7	1.6	.1	.1	.1
	Legal form of organization:													
	Corporate.....	471	156	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	10	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual <sup>e</sup> .....	9	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	26	-	(Z)	.3	(Z)	(Z)	.1	1.0	.7	1.6	.1	.1	.1
2815	Cyclic intermediates and crudes, total .....	177	107	30.0	251.1	20.3	41.7	152.9	729.5	874.5	1,596.8	136.1	248.1	261.8
	Type of operation:													
	Multiunit companies, total.....	124	95	28.9	242.0	19.7	40.4	148.3	706.9	847.8	1,548.5	133.5	241.3	253.8
	Corporate ownership or control...	124	95	28.9	242.0	19.7	40.4	148.3	706.9	847.8	1,548.5	133.5	241.3	253.8
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	42	12	1.1	9.0	.7	1.3	4.5	22.2	26.3	47.5	2.6	6.6	7.9
	Corporate ownership or control...	33	12	1.0	8.7	.6	1.3	4.3	21.3	25.3	45.6	2.5	6.3	7.6
	Noncorporate ownership <sup>e</sup> .....	9	-	(Z)	.3	(Z)	.1	.2	.9	1.0	1.9	.1	.3	.3
	Administrative records <sup>e</sup> .....	11	-	(Z)	.1	(Z)	(Z)	.1	.3	.4	.8	(Z)	.1	.1
	Legal form of organization:													
	Corporate.....	157	107	29.9	250.7	20.3	41.6	152.6	728.2	873.1	1,594.1	136.0	247.7	261.3
	Noncorporate, total.....	9	-	(Z)	.3	(Z)	.1	.2	.9	1.0	1.9	.1	.3	.3
	Individual <sup>e</sup> .....	9	-	(Z)	.3	(Z)	.1	.2	.9	1.0	1.9	.1	.3	.3
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	11	-	(Z)	.1	(Z)	(Z)	.1	.3	.4	.8	(Z)	.1	.1

See footnotes at end of table.



TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967-Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new <sup>2</sup> (million dollars)	Inventories end of--	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
2816	Inorganic pigments, total.....	98	60	12.6	97.2	8.9	17.7	63.2	316.3	235.0	549.3	20.8	104.3	108.6
	Type of operation:													
	Multiunit companies, total.....	57	50	11.9	92.5	8.4	16.7	60.4	305.0	220.2	523.3	20.4	100.9	104.9
	Corporate ownership or control...	57	50	11.9	92.5	8.4	16.7	60.4	305.0	220.2	523.3	20.4	100.9	104.9
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	28	10	.6	4.4	.4	.9	2.6	10.2	14.0	24.0	.4	3.0	3.3
	Corporate ownership or control...	22	10	.6	4.3	.4	.9	2.5	9.7	13.2	22.7	.3	2.9	3.2
	Noncorporate ownership <sup>e</sup> .....	6	-	(Z)	.1	(Z)	(Z)	.1	.5	.8	1.3	(Z)	.1	.1
	Administrative records <sup>e</sup> .....	13	-	(Z)	.2	(Z)	(Z)	.1	1.1	.9	2.0	(Z)	.4	.4
	Legal form of organization:													
	Corporate.....	79	60	12.5	96.8	8.8	17.6	63.0	314.7	233.4	546.0	20.7	103.8	108.1
	Noncorporate, total <sup>e</sup> .....	6	-	(Z)	.1	(Z)	(Z)	.1	.5	.8	1.3	(Z)	.1	.1
	Individual <sup>e</sup> .....	5	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	13	-	(Z)	.2	(Z)	(Z)	.1	1.1	.9	2.0	(Z)	.4	.4
2818	Industrial organic chemicals, N.E.C., total.....	488	268	95.1	844.9	62.4	126.4	499.8	3,575.3	2,849.0	6,377.8	781.2	742.6	801.1
	Type of operation:													
	Multiunit companies, total.....	277	226	91.6	818.0	60.1	121.8	485.0	3,506.1	2,759.5	6,221.5	771.0	726.3	782.1
	Corporate ownership or control...	276	226	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	128	42	3.3	26.1	2.1	4.5	14.3	66.5	87.1	151.1	9.8	15.6	18.2
	Corporate ownership or control...	103	42	3.2	25.2	2.1	4.3	13.8	63.6	84.6	145.9	9.5	15.0	17.6
	Noncorporate ownership <sup>e</sup> .....	25	-	.1	.9	.1	.2	.5	2.9	2.4	5.3	.3	.6	.6
	Administrative records <sup>e</sup> .....	83	-	.1	.8	.1	.1	.4	2.7	2.4	5.2	.3	.8	.8
	Legal form of organization:													
	Corporate.....	379	268	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total <sup>e</sup> .....	26	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual <sup>e</sup> .....	24	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	83	-	.1	.8	.1	.1	.4	2.7	2.4	5.2	.3	.8	.8
2819	Industrial inorganic chemicals, N.E.C., total.....	718	358	81.2	662.4	51.8	106.2	381.4	2,295.4	1,986.0	4,248.4	261.4	428.1	473.8
	Type of operation:													
	Multiunit companies, total.....	460	311	72.2	594.4	47.3	97.2	350.0	2,055.8	1,842.5	3,867.6	251.9	403.1	445.6
	Corporate ownership or control...	447	303	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	13	8	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	154	47	8.9	66.9	4.3	8.8	30.8	235.1	139.6	372.5	9.0	24.1	27.3
	Corporate ownership or control...	124	44	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership <sup>e</sup> .....	30	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	104	-	.2	1.1	.2	.2	.6	4.4	3.9	8.3	.5	.9	.9
	Legal form of organization:													
	Corporate.....	571	347	78.6	641.9	50.2	102.8	370.2	2,187.7	1,903.9	4,064.8	251.2	409.2	447.5
	Noncorporate, total.....	43	11	2.4	19.4	1.5	3.2	10.5	103.3	78.2	175.2	9.7	18.0	25.3
	Individual <sup>e</sup> .....	27	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	13	11	2.3	18.6	1.4	3.1	10.1	88.4	59.5	146.1	5.8	17.6	17.9
	Administrative records <sup>e</sup> .....	104	-	.2	1.1	.2	.2	.6	4.4	3.9	8.3	.5	.9	.9
2821	Plastics materials and resins, total	660	340	70.6	568.8	46.8	95.6	332.7	1,635.1	1,849.8	3,473.9	310.1	378.9	395.3
	Type of operation:													
	Multiunit companies, total.....	305	235	64.0	524.2	41.8	85.7	305.1	1,527.4	1,722.1	3,240.8	300.8	358.1	370.6
	Corporate ownership or control...	298	230	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	7	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	249	105	6.5	43.4	4.8	9.7	26.9	102.8	122.0	222.5	8.8	19.4	23.3
	Corporate ownership or control...	214	102	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership <sup>e</sup> .....	35	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	106	-	.2	1.2	.2	.2	.7	4.9	5.8	10.7	.5	1.4	1.4
	Legal form of organization:													
	Corporate.....	512	332	68.8	555.2	45.5	93.1	324.0	1,600.7	1,766.7	3,356.3	(D)	366.3	381.0
	Noncorporate, total.....	42	8	1.6	12.4	1.1	2.3	8.0	29.5	77.3	106.9	(D)	11.2	12.9
	Individual <sup>e</sup> .....	29	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	9	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	4	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	106	-	.2	1.2	.2	.2	.7	4.9	5.8	10.7	.5	1.4	1.4
2822	Synthetic rubber, total.....	48	28	12.6	110.4	8.5	16.8	66.5	404.9	521.2	926.9	75.2	96.6	97.0
	Type of operation:													
	Multiunit companies, total.....	33	27	12.5	109.5	8.4	16.7	65.9	403.1	519.1	923.0	75.0	96.3	96.7
	Corporate ownership or control...	33	27	12.5	109.5	8.4	16.7	65.9	403.1	519.1	923.0	75.0	96.3	96.7
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	10	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Corporate ownership or control...	8	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership <sup>e</sup> .....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	5	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Legal form of organization:													
	Corporate.....	41	28	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual <sup>e</sup> .....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	5	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

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TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967-Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new <sup>2</sup> (million dollars)	Inventories end of--	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
2823	Cellulosic manmade fibers, total ....	23	20	31.9	198.2	25.3	50.0	141.1	506.8	383.3	902.8	51.6	120.2	108.8
	Type of operation:													
	Multiunit companies, total.....	20	19	31.8	198.1	25.3	49.9	141.0	506.5	383.1	902.3	51.6	120.2	108.8
	Corporate ownership or control...	20	19	31.8	198.1	25.3	49.9	141.0	506.5	383.1	902.3	51.6	120.2	108.8
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total <sup>e</sup> .....	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Corporate ownership or control...	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership <sup>e</sup> .....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Legal form of organization:													
	Corporate.....	21	20	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total <sup>e</sup> .....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual <sup>e</sup> .....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2824	Organic fibers, noncellulosic, total	40	35	57.2	415.9	40.7	80.9	257.9	1,251.8	767.7	2,033.2	309.7	269.4	267.7
	Type of operation:													
	Multiunit companies, total.....	34	32	56.9	413.7	40.5	80.4	256.7	1,245.1	761.8	2,024.6	(D)	269.1	263.3
	Corporate ownership or control...	34	32	56.9	413.7	40.5	80.4	256.2	1,245.1	761.8	2,024.6	(D)	269.1	263.3
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	6	3	.3	2.2	.3	.5	1.1	6.7	5.8	8.5	(D)	.3	4.4
	Corporate ownership or control...	6	3	.3	2.2	.3	.5	1.1	6.7	5.8	8.5	(D)	.3	4.4
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Legal form of organization:													
	Corporate.....	40	35	57.2	415.9	40.7	80.9	257.9	1,251.8	767.7	2,033.2	309.7	269.4	267.7
	Noncorporate, total.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Individual.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records.....	-	-	-	-	-	-	-	-	-	-	-	-	-
2831	Biological products, total .....	128	44	7.4	53.8	4.8	9.3	25.1	109.2	56.4	160.0	12.1	37.5	46.1
	Type of operation:													
	Multiunit companies, total.....	39	34	6.3	46.9	4.0	7.9	21.3	94.7	48.2	137.6	11.3	32.5	40.4
	Corporate ownership or control...	39	34	6.3	46.9	4.0	7.9	21.3	94.7	48.2	137.6	11.3	32.5	40.4
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	42	10	1.0	6.3	.7	1.3	3.5	13.2	7.4	20.3	.7	4.5	5.2
	Corporate ownership or control...	36	10	1.0	6.2	.7	1.3	3.4	13.0	7.2	19.9	.6	4.5	5.1
	Noncorporate ownership <sup>e</sup> .....	6	-	(Z)	.1	(Z)	(Z)	.1	.2	.2	.4	(Z)	.1	.1
	Administrative records <sup>e</sup> .....	47	-	.1	.5	.1	.1	.3	1.3	.8	2.1	.2	.5	.5
	Legal form of organization:													
	Corporate.....	75	44	7.3	53.2	4.7	9.2	24.7	107.7	55.4	157.5	11.9	37.0	45.5
	Noncorporate, total <sup>e</sup> .....	6	-	(Z)	.1	(Z)	(Z)	.1	.2	.2	.4	(Z)	.1	.1
	Individual <sup>e</sup> .....	6	-	(Z)	.1	(Z)	(Z)	.1	.2	.2	.4	(Z)	.1	.1
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	47	-	.1	.5	.1	.1	.3	1.3	.8	2.1	.2	.5	.5
2833	Medicinals and botanicals, total ....	126	45	8.4	67.1	5.6	11.7	41.4	243.3	206.1	445.2	36.2	76.5	83.5
	Type of operation:													
	Multiunit companies, total.....	43	31	7.5	60.7	5.0	10.5	38.0	227.7	185.5	409.1	35.0	72.2	79.1
	Corporate ownership or control...	43	31	7.5	60.7	5.0	10.5	38.0	227.7	185.5	409.1	35.0	72.2	79.1
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	53	14	.8	6.1	.5	1.1	3.1	14.9	19.8	34.6	1.1	4.0	4.1
	Corporate ownership or control...	47	14	.8	6.0	.5	1.1	3.1	14.6	19.6	34.1	(D)	4.0	4.0
	Noncorporate ownership <sup>e</sup> .....	6	-	(Z)	.1	(Z)	(Z)	.1	.2	.2	.5	(D)	.1	.1
	Administrative records <sup>e</sup> .....	30	-	.1	.3	.1	.1	.2	.8	.8	1.6	(Z)	.3	.3
	Legal form of organization:													
	Corporate.....	90	45	8.3	66.7	5.5	11.6	41.1	242.3	205.1	443.2	(D)	76.1	83.1
	Noncorporate, total <sup>e</sup> .....	6	-	(Z)	.1	(Z)	(Z)	.1	.2	.2	.5	(D)	.1	.1
	Individual <sup>e</sup> .....	5	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	30	-	.1	.3	.1	.1	.2	.8	.8	1.6	(Z)	.3	.3
2834	Pharmaceutical preparations, total..	875	318	102.0	821.4	55.2	107.2	338.6	3,720.4	1,013.7	4,696.4	169.6	568.6	611.9
	Type of operation:													
	Multiunit companies, total.....	217	182	91.7	758.2	48.9	95.5	312.8	3,537.2	918.0	4,419.2	164.2	533.5	573.5
	Corporate ownership or control...	210	180	91.4	755.8	48.8	95.2	312.0	3,531.1	915.3	4,410.4	164.1	532.2	572.7
	Noncorporate ownership.....	7	2	.3	2.4	.2	.3	.8	6.1	2.7	8.8	.1	1.2	.8
	Single unit companies, total.....	287	136	9.6	59.8	5.6	10.8	24.3	171.5	90.8	260.7	5.1	32.1	35.4
	Corporate ownership or control...	254	134	9.1	57.4	5.4	10.4	23.4	165.1	86.9	250.4	4.9	31.0	33.7
	Noncorporate ownership.....	33	2	.5	2.4	.3	.4	.9	6.4	4.0	10.3	.1	1.2	1.7
	Administrative records <sup>e</sup> .....	371	-	.7	3.5	.7	.9	1.5	11.7	4.9	16.6	.3	3.0	3.0
	Legal form of organization:													
	Corporate.....	464	314	100.5	813.2	54.1	105.5	335.4	3,696.2	1,002.2	4,660.7	169.0	563.2	606.4
	Noncorporate, total.....	40	4	.8	4.7	.4	.8	1.8	12.5	6.6	19.1	.2	2.4	2.5
	Individual <sup>e</sup> .....	29	-	.1	.8	.1	.2	.3	2.3	1.2	3.4	.1	.4	.5
	Partnership.....	9	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	371	-	.7	3.5	.7	.9	1.5	11.7	4.9	16.6	.3	3.0	3.0

See footnotes at end of table.



TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967—Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new <sup>2</sup> (million dollars)	Inventories end of—	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
2841	Soap and other detergents, total ....	668	207	30.3	243.0	20.0	40.1	145.3	1,403.7	1,202.0	2,593.4	48.1	231.0	250.5
	Type of operation:													
	Multiunit companies, total.....	154	114	24.2	202.3	16.8	34.4	130.0	1,309.4	1,100.7	2,398.0	45.4	215.2	233.6
	Corporate ownership or control...	153	114	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	276	93	5.6	38.5	2.8	5.2	14.0	86.0	94.0	179.6	2.6	14.1	15.2
	Corporate ownership or control...	223	88	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	53	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	238	-	.4	2.2	.4	.5	1.3	8.3	7.4	15.7	(Z)	1.7	1.7
	Legal form of organization:													
	Corporate.....	376	202	29.2	238.3	19.3	39.1	142.8	1,387.7	1,187.4	2,562.9	47.9	228.1	247.4
	Noncorporate, total <sup>e</sup> .....	54	5	.4	2.5	.2	.5	1.1	7.6	7.3	14.8	.1	1.2	1.4
	Individual <sup>e</sup> .....	45	1	.2	1.4	.1	.3	.7	6.0	3.8	9.6	.1	.6	.9
	Partnership.....	9	4	.2	1.1	.4	.2	.4	1.6	3.5	5.1	(Z)	.6	.6
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	238	-	.4	2.2	.4	.5	1.3	8.3	7.4	15.7	(Z)	1.7	1.7
2842	Polishes and sanitation goods, total	1,004	203	19.4	128.7	11.8	22.6	56.5	666.1	449.0	1,108.0	16.4	99.8	114.0
	Type of operation:													
	Multiunit companies, total.....	124	85	10.1	70.9	6.2	12.3	33.6	479.2	298.2	774.0	11.4	67.3	76.8
	Corporate ownership or control...	122	84	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	381	118	8.4	53.3	4.8	9.1	21.0	171.5	139.6	307.5	4.8	29.4	34.3
	Corporate ownership or control...	298	116	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership <sup>e</sup> .....	83	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	499	-	.9	4.5	.9	1.2	2.0	15.4	11.2	26.6	.2	3.2	3.2
	Legal form of organization:													
	Corporate.....	420	200	18.0	121.2	10.6	20.8	53.3	641.9	430.3	1,065.4	16.0	95.4	109.2
	Noncorporate, total <sup>e</sup> .....	85	3	.5	2.8	.3	.6	1.2	8.8	7.5	16.0	.2	1.3	1.7
	Individual <sup>e</sup> .....	71	2	.4	2.1	.3	.5	.9	6.5	5.7	12.1	.2	.9	1.1
	Partnership.....	12	-	.1	.5	(Z)	.1	.2	1.8	1.3	3.0	(Z)	.3	.4
	Other.....	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	499	-	.9	4.5	.9	1.2	2.0	15.4	11.2	26.6	.2	3.2	3.2
2843	Surface active agents, total .....	164	71	5.7	49.9	3.1	6.3	20.6	129.5	166.5	294.2	8.0	35.1	37.6
	Type of operation:													
	Multiunit companies, total.....	49	37	3.8	31.6	2.0	4.3	14.2	87.4	113.9	200.5	5.8	27.0	28.6
	Corporate ownership or control...	49	37	3.8	31.6	2.0	4.3	14.2	87.4	113.9	200.5	5.8	27.0	28.6
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	88	34	1.9	17.8	1.0	2.0	6.2	40.8	51.0	90.9	2.1	7.8	8.7
	Corporate ownership or control...	81	34	1.8	17.3	1.0	1.9	6.1	40.1	49.8	89.0	2.1	7.7	8.5
	Noncorporate ownership.....	7	-	(Z)	.5	(Z)	.1	.1	.7	1.2	1.9	(Z)	.1	.1
	Administrative records <sup>e</sup> .....	27	-	.1	.5	.1	.1	.2	1.2	1.6	2.8	.1	.4	.4
	Legal form of organization:													
	Corporate.....	130	71	5.6	49.0	3.0	6.2	20.2	127.5	163.7	289.5	7.9	34.6	37.1
	Noncorporate, total.....	7	-	(Z)	.5	(Z)	.1	.1	.7	1.2	1.9	(Z)	.1	.1
	Individual.....	6	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	27	-	.1	.5	.1	.1	.2	1.2	1.6	2.8	.1	.4	.4
2844	Toilet preparations, total .....	672	193	41.5	262.2	26.4	50.2	125.0	1,730.6	804.9	2,515.6	52.7	241.0	278.0
	Type of operation:													
	Multiunit companies, total.....	126	101	32.6	211.5	20.5	39.4	102.5	1,527.5	698.0	2,208.0	48.6	214.1	246.4
	Corporate ownership or control...	125	100	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	234	92	8.3	48.1	5.3	10.0	21.1	192.3	101.8	291.8	4.0	24.7	29.4
	Corporate ownership or control...	200	91	8.1	47.4	5.2	9.8	20.8	189.8	100.0	287.5	3.9	24.2	28.8
	Noncorporate ownership <sup>e</sup> .....	34	1	.2	.7	.1	.2	.4	2.6	1.8	4.4	.1	.5	.6
	Administrative records <sup>e</sup> .....	312	-	.6	2.6	.6	.8	1.4	10.7	5.0	15.8	.1	2.2	2.2
	Legal form of organization:													
	Corporate.....	325	191	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total <sup>e</sup> .....	35	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual <sup>e</sup> .....	30	1	.2	.6	.1	.2	.3	2.3	1.6	3.8	(Z)	.4	.5
	Partnership.....	4	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	312	-	.6	2.6	.6	.8	1.4	10.7	5.0	15.8	.1	2.2	2.2
2851	Paints and allied products, total ..	1,701	680	66.1	492.0	36.3	73.1	223.4	1,318.5	1,606.4	2,911.4	70.7	406.1	426.7
	Type of operation:													
	Multiunit companies, total.....	481	378	47.1	354.6	25.4	51.9	163.8	1,005.4	1,203.5	2,198.6	59.0	325.9	342.0
	Corporate ownership or control...	476	376	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	5	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	804	301	18.2	132.1	10.2	20.3	57.2	298.7	382.7	678.1	11.2	75.3	79.9
	Corporate ownership or control...	706	298	17.5	127.4	9.7	19.5	55.0	287.1	366.9	650.8	10.8	72.2	76.6
	Noncorporate ownership <sup>e</sup> .....	98	3	.7	4.7	.4	.8	2.3	11.5	15.8	27.3	.4	3.1	3.3
	Administrative records <sup>e</sup> .....	416	1	.8	5.3	.8	1.0	2.4	14.4	20.3	34.7	.4	4.8	4.8
	Legal form of organization:													
	Corporate.....	1,182	674	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total <sup>e</sup> .....	103	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual <sup>e</sup> .....	90	1	.5	3.5	.3	.6	1.7	8.4	11.9	20.3	.3	2.3	2.4
	Partnership.....	10	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	3	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	416	1	.8	5.3	.8	1.0	2.4	14.4	20.3	34.7	.4	4.8	4.8

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967-Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new <sup>2</sup> (million dollars)	Inventories end of—	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
2861	Gum and wood chemicals, total .....	184	42	5.9	33.5	4.6	9.0	23.1	100.8	115.3	215.9	20.6	43.6	46.2
	Type of operation:													
	Multiunit companies, total.....	35	23	4.6	27.8	3.6	6.9	19.2	87.7	98.3	186.0	19.1	38.6	41.2
	Corporate ownership or control...	34	22	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	54	19	1.0	5.0	.8	1.7	3.3	10.6	13.7	24.1	1.2	3.9	3.9
	Corporate ownership or control...	38	18	.9	4.6	.7	1.6	3.0	8.8	12.9	21.6	1.1	3.7	3.6
	Noncorporate ownership.....	16	1	.1	.3	.1	.2	.3	1.8	.8	2.5	.1	.2	.3
	Administrative records <sup>3</sup> .....	95	-	.2	.8	.2	.4	.6	2.5	3.3	5.8	.2	1.1	1.1
	Legal form of organization:													
	Corporate.....	72	40	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	17	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual <sup>4</sup> .....	15	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>3</sup> .....	95	-	.2	.8	.2	.4	.6	2.5	3.3	5.8	.2	1.1	1.1
2871	Fertilizers, total .....	213	184	20.8	129.2	15.2	32.2	86.1	434.1	783.7	1,196.9	133.1	222.8	245.2
	Type of operation:													
	Multiunit companies, total.....	179	168	19.6	121.9	14.3	30.3	81.6	413.2	744.9	1,138.0	131.0	216.9	238.3
	Corporate ownership or control...	158	148	17.9	111.7	12.8	26.9	73.6	353.9	659.4	998.2	125.9	201.2	216.5
	Noncorporate ownership.....	21	20	1.8	10.2	1.5	3.4	7.9	59.3	85.5	139.8	5.1	15.7	21.8
	Single unit companies, total.....	34	16	1.2	7.3	.8	1.9	4.5	20.9	38.8	58.9	2.1	5.9	6.9
	Corporate ownership or control...	28	15	1.1	6.9	.8	1.8	4.2	20.1	37.2	56.5	2.0	5.7	6.7
	Noncorporate ownership.....	6	1	.1	.4	(Z)	.1	.3	.9	1.6	2.5	.1	.2	.2
	Administrative records.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Legal form of organization:													
	Corporate.....	186	163	19.0	118.6	13.6	28.7	77.9	373.9	696.6	1,054.7	128.0	206.9	223.2
	Noncorporate, total.....	27	21	1.8	10.6	1.5	3.5	8.2	60.2	87.1	142.2	5.1	15.9	22.0
	Individual <sup>4</sup> .....	4	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	22	21	1.8	10.4	1.5	3.5	8.1	59.7	86.4	141.0	5.1	15.7	21.8
	Administrative records.....	-	-	-	-	-	-	-	-	-	-	-	-	-
2872	Fertilizers, mixing only, total ....	721	210	13.4	70.6	8.9	17.8	37.5	195.3	535.7	731.1	18.0	131.7	133.2
	Type of operation:													
	Multiunit companies, total.....	322	148	9.0	48.0	5.8	11.9	26.2	136.7	401.5	538.2	14.0	106.1	107.5
	Corporate ownership or control...	263	122	8.0	42.4	4.9	9.9	21.7	122.1	335.0	455.8	11.8	88.1	93.0
	Noncorporate ownership.....	59	26	1.1	5.6	.9	2.0	4.5	14.6	66.5	82.5	2.2	18.0	14.6
	Single unit companies, total.....	222	62	4.0	20.5	2.6	5.3	10.1	54.0	122.0	176.1	3.6	22.8	22.7
	Corporate ownership or control...	171	56	3.6	18.3	2.3	4.7	8.8	48.3	106.0	154.6	3.0	20.6	20.5
	Noncorporate ownership.....	51	6	.4	2.3	.3	.7	1.4	5.6	16.0	21.5	.5	2.1	2.3
	Administrative records <sup>3</sup> .....	177	-	.4	2.0	.4	.6	1.2	4.7	12.2	16.8	.4	2.9	2.9
	Legal form of organization:													
	Corporate.....	434	178	11.5	60.7	7.3	14.5	30.5	170.4	441.0	610.3	14.8	108.8	113.4
	Noncorporate, total.....	110	32	1.5	7.9	1.2	2.7	5.8	20.2	82.5	104.0	2.7	20.1	16.8
	Individual <sup>4</sup> .....	44	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	5	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	61	28	1.1	5.9	.9	2.0	4.5	14.9	64.8	80.7	2.3	14.5	11.5
	Administrative records <sup>3</sup> .....	177	-	.4	2.0	.4	.6	1.2	4.7	12.2	16.8	.4	2.9	2.9
2879	Agricultural chemicals, N,E,C, total	344	115	11.5	80.7	6.9	13.6	39.0	376.3	460.8	817.0	54.0	123.1	145.6
	Type of operation:													
	Multiunit companies, total.....	188	81	9.5	68.7	5.7	11.4	33.3	345.1	396.8	722.5	52.6	111.9	133.6
	Corporate ownership or control...	185	79	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	3	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	84	34	1.9	11.0	1.1	2.0	4.4	29.1	60.0	88.3	1.3	10.0	10.8
	Corporate ownership or control...	67	30	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	17	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>3</sup> .....	72	-	.2	1.0	.1	.2	.5	2.2	4.0	6.2	.1	1.2	1.2
	Legal form of organization:													
	Corporate.....	252	109	10.7	77.9	6.7	12.9	37.5	367.1	439.7	787.1	53.7	117.6	139.8
	Noncorporate, total.....	20	6	.3	1.8	1.0	.5	1.1	7.1	17.1	23.6	.2	4.3	4.6
	Individual <sup>4</sup> .....	12	-	.1	.5	.1	.1	.3	1.3	2.3	3.7	(Z)	.5	.6
	Partnership.....	4	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	4	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>3</sup> .....	72	-	.2	1.0	.1	.2	.5	2.2	4.0	6.2	.1	1.2	1.2
2891	Adhesives and gelatin, total.....	337	113	9.7	73.8	5.9	12.4	36.1	211.3	264.7	473.6	22.0	55.9	59.6
	Type of operation:													
	Multiunit companies, total.....	145	77	7.4	55.8	4.5	9.6	28.6	170.6	213.0	381.6	19.7	48.2	51.5
	Corporate ownership or control...	145	77	7.4	55.8	4.5	9.6	28.6	170.6	213.0	381.6	19.7	48.2	51.5
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	111	36	2.2	17.1	1.3	2.6	7.0	38.3	48.4	86.2	2.2	6.9	7.4
	Corporate ownership or control...	100	35	2.1	16.5	1.2	2.5	6.7	37.0	45.3	81.8	2.2	6.6	7.1
	Noncorporate ownership.....	11	1	.1	.6	.1	.1	.3	1.4	3.0	4.4	.1	.3	.3
	Administrative records <sup>3</sup> .....	81	-	.1	.9	.1	.2	.5	2.4	3.4	5.7	.1	.7	.7
	Legal form of organization:													
	Corporate.....	245	112	9.4	72.3	5.7	12.1	35.3	207.6	258.3	463.4	21.9	54.8	58.6
	Noncorporate, total.....	11	1	.1	.6	.1	.1	.3	1.4	3.0	4.4	.1	.3	.3
	Individual <sup>4</sup> .....	6	-	(Z)	.2	(Z)	(Z)	.1	.5	.7	1.1	(Z)	.1	.1
	Partnership.....	4	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>3</sup> .....	81	-	.1	.9	.1	.2	.5	2.4	3.4	5.7	.1	.7	.7

See footnotes at end of table.



TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967-Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new <sup>2</sup> (million dollars)	Inventories end of--	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
2892	Explosives, total .....	92	52	32.8	227.0	24.1	47.9	156.3	376.0	270.7	647.0	21.8	38.6	39.1
	Type of operation:													
	Multiunit companies, total.....	73	43	32.1	223.1	23.6	47.0	153.9	368.5	263.3	632.4	20.4	36.7	36.9
	Corporate ownership or control...	71	42	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	15	9	.6	3.9	.5	.9	2.3	7.4	7.4	14.5	1.3	1.9	2.2
	Corporate ownership or control...	12	9	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	4	-	(Z)	(Z)	(Z)	(Z)	(Z)	.1	(Z)	.1	(D)	(Z)	(Z)
	Legal form of organization:													
	Corporate.....	83	51	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	5	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual.....	5	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	4	-	(Z)	(Z)	(Z)	(Z)	(Z)	.1	(Z)	.1	(D)	(Z)	(Z)
2893	Printing ink, total .....	360	124	9.7	74.0	6.4	13.6	41.1	166.6	211.9	375.6	7.1	41.5	44.7
	Type of operation:													
	Multiunit companies, total.....	195	94	7.5	56.2	5.0	10.7	32.4	132.4	177.7	307.7	5.6	35.3	37.7
	Corporate ownership or control...	193	93	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	110	30	2.2	17.2	1.3	2.7	8.3	32.8	32.6	65.0	1.4	5.9	6.6
	Corporate ownership or control...	93	30	2.1	16.5	1.2	2.6	7.9	31.1	30.1	60.7	1.2	5.7	6.4
	Noncorporate ownership.....	17	-	.1	.7	.1	.1	.5	1.7	2.5	4.2	.2	.2	.3
	Administrative records <sup>e</sup> .....	55	-	.1	.7	.1	.1	.4	1.4	1.5	3.0	.1	.3	.3
	Legal form of organization:													
	Corporate.....	286	123	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	19	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual.....	13	-	.1	.5	(Z)	.1	.3	1.2	1.5	2.7	.1	.2	.2
	Partnership.....	5	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	55	-	.1	.7	.1	.1	.4	1.4	1.5	3.0	.1	.3	.3
2895	Carbon black, total .....	34	29	2.8	22.8	2.3	5.2	18.0	100.8	67.4	167.8	23.4	15.9	16.1
	Type of operation:													
	Multiunit companies, total.....	32	29	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Corporate ownership or control...	32	29	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Corporate ownership or control...	-	-	-	-	-	-	-	-	-	-	-	-	-
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Legal form of organization:													
	Corporate.....	32	29	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Individual.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2899	Chemical preparations, N.E.C., total	1,373	306	33.3	230.2	21.1	42.0	115.6	732.4	648.7	1,381.6	54.5	153.2	163.9
	Type of operation:													
	Multiunit companies, total.....	270	167	22.2	152.8	14.3	29.3	83.4	548.3	448.8	998.8	45.1	116.9	124.3
	Corporate ownership or control...	269	167	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	539	139	10.1	72.0	5.8	11.5	29.5	167.0	185.7	351.5	8.8	32.8	36.2
	Corporate ownership or control...	437	136	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership <sup>e</sup> .....	102	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	564	-	1.0	5.4	1.0	1.2	2.6	17.2	14.2	31.4	.6	3.4	3.4
	Legal form of organization:													
	Corporate.....	706	303	31.7	221.4	19.7	40.0	111.2	705.4	623.2	1,329.2	53.4	147.9	158.7
	Noncorporate, total.....	103	3	.6	3.4	.4	.8	1.8	9.9	11.3	21.1	.4	1.8	1.8
	Individual.....	93	2	.5	2.6	.4	.6	1.3	7.6	7.1	14.5	.3	1.2	1.4
	Partnership.....	7	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	564	-	1.0	5.4	1.0	1.2	2.6	17.2	14.2	31.4	.6	3.4	3.4
29	Petroleum and coal products, total..	1,880	704	141.7	1,216.2	99.2	202.1	786.3	5,425.9	16,748.4	22,043.4	999.3	1,860.9	2,029.6
	Type of operation:													
	Multiunit companies, total.....	1,000	504	127.5	1,112.5	90.1	183.1	728.5	5,186.3	16,301.5	21,361.4	979.7	1,822.2	1,985.1
	Corporate ownership or control...	972	492	125.4	1,095.5	88.5	179.9	717.3	5,132.8	16,102.6	21,112.1	967.1	1,795.8	1,954.2
	Noncorporate ownership.....	28	12	2.1	17.0	1.6	3.2	11.2	53.4	198.9	249.3	12.6	26.4	30.9
	Single unit companies, total.....	568	200	13.4	98.7	8.6	18.0	54.8	227.9	428.2	651.5	18.6	36.6	42.5
	Corporate ownership or control...	467	183	12.6	93.7	8.0	16.8	51.6	215.1	399.7	610.2	17.6	34.2	39.9
	Noncorporate ownership.....	101	7	.8	5.1	.6	1.2	3.2	12.8	28.5	41.3	.9	2.4	2.6
	Administrative records <sup>e</sup> .....	312	-	.7	4.8	.7	1.1	3.1	11.7	18.8	30.5	1.0	2.0	2.1
	Legal form of organization:													
	Corporate.....	1,439	685	138.0	1,189.2	96.6	196.7	768.8	5,347.9	16,502.3	21,722.3	984.8	1,830.1	1,994.1
	Noncorporate, total.....	129	19	2.9	22.1	2.1	4.4	14.5	66.2	227.4	290.6	13.5	28.8	33.5
	Individual.....	92	5	.9	7.6	.6	1.1	3.3	16.4	27.9	44.0	1.1	2.5	2.9
	Partnership.....	21	4	.4	2.4	.3	.7	2.0	9.8	14.9	23.5	3.5	.6	2.0
	Other.....	16	10	1.5	12.1	1.3	2.6	9.2	39.9	184.6	223.1	9.0	25.6	28.6
	Administrative records <sup>e</sup> .....	312	-	.7	4.8	.7	1.1	3.1	11.7	18.8	30.5	1.0	2.0	2.1

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967—Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new <sup>2</sup> (million dollars)	Inventories end of—	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
2911	Petroleum refining, total.....	437	287	106.7	965.0	75.6	151.6	632.2	4,745.0	15,683.7	20,293.9	956.3	1,730.8	1,904.3
	Type of operation:													
	Multiunit companies, total.....	273	252	103.4	939.2	73.4	146.9	616.3	4,680.9	15,475.0	20,024.8	949.4	1,713.0	1,882.8
	Corporate ownership or control...	262	243	101.9	927.1	72.1	144.3	607.0	4,638.2	15,286.3	19,796.3	(D)	1,688.2	1,853.6
	Noncorporate ownership <sup>e</sup> .....	11	9	1.5	12.1	1.3	2.6	9.3	42.7	188.8	228.5	(D)	24.9	29.2
	Single unit companies, total.....	107	35	3.2	25.2	2.2	4.6	15.6	62.8	205.1	264.2	6.7	17.3	21.0
	Corporate ownership or control...	84	34	3.0	24.2	2.1	4.4	15.0	60.5	198.7	255.5	(D)	16.6	20.2
	Noncorporate ownership <sup>e</sup> .....	23	1	.1	1.0	.1	.2	.6	2.3	6.4	8.6	(D)	.7	.7
	Administrative records <sup>e</sup> .....	57	-	.1	.6	.1	.1	.4	1.3	3.6	4.9	.2	.5	.5
	Legal form of organization:													
	Corporate.....	346	277	104.9	951.3	74.2	148.7	621.9	4,698.7	15,485.0	20,051.9	(D)	1,704.7	1,873.8
	Noncorporate, total.....	34	10	1.7	13.0	1.4	2.8	9.9	45.0	195.1	237.1	(D)	25.6	29.9
	Individual.....	21	1	.2	1.1	.1	.3	.8	3.2	13.6	16.5	.2	1.1	1.4
	Partnership.....	4	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	9	8	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	57	-	.1	.6	.1	.1	.4	1.3	3.6	4.9	.2	.5	.5
2951	Paving mixtures and blocks, total...	872	155	12.2	90.0	8.5	18.0	58.4	234.7	350.1	584.6	23.8	16.5	19.7
	Type of operation:													
	Multiunit companies, total.....	461	69	6.6	48.7	4.5	9.5	32.1	140.4	226.3	366.7	14.3	11.8	13.7
	Corporate ownership or control...	451	68	6.4	47.6	4.3	9.2	31.2	137.2	223.4	360.5	14.2	11.7	13.6
	Noncorporate ownership.....	10	1	.2	1.0	.2	.3	.9	3.2	2.9	6.1	.1	(Z)	.1
	Single unit companies, total.....	286	86	5.2	38.9	3.7	7.9	24.6	88.1	114.7	202.5	8.8	4.3	5.6
	Corporate ownership or control...	238	84	4.9	36.6	3.5	7.3	23.0	82.8	106.4	189.0	8.3	4.0	5.3
	Noncorporate ownership <sup>e</sup> .....	48	2	.4	2.3	.3	.6	1.6	5.3	8.3	13.6	.5	.3	.3
	Administrative records <sup>e</sup> .....	125	-	.3	2.4	.3	.5	1.7	6.2	9.1	15.3	.7	.5	.5
	Legal form of organization:													
	Corporate.....	689	152	11.3	84.2	7.8	16.5	54.2	219.9	329.8	549.5	22.5	15.7	18.8
	Noncorporate, total.....	58	3	.5	3.3	.4	.9	2.5	8.5	11.2	19.7	.6	.3	.4
	Individual.....	45	2	.3	2.0	.2	.5	1.3	4.7	7.1	11.8	.4	.2	.3
	Partnership.....	12	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	125	-	.3	2.4	.3	.5	1.7	6.2	9.1	15.3	.7	.5	.5
2952	Asphalt felts and coatings, total...	226	138	14.4	96.3	10.4	22.9	66.2	221.1	373.8	597.8	8.8	47.4	42.4
	Type of operation:													
	Multiunit companies, total.....	153	114	12.4	84.4	9.2	20.3	59.6	192.5	336.3	532.0	7.8	43.5	38.3
	Corporate ownership or control...	151	113	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	45	24	1.9	11.4	1.2	2.6	6.3	27.5	35.6	62.9	(D)	3.7	3.8
	Corporate ownership or control...	41	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	28	-	.1	.5	.1	.1	.3	1.1	1.9	2.9	(D)	.2	.2
	Legal form of organization:													
	Corporate.....	192	136	14.2	95.2	10.3	22.7	65.5	218.6	370.3	591.9	(D)	47.0	41.9
	Noncorporate, total.....	6	2	.1	.6	.1	.1	.4	1.4	1.7	3.0	(D)	.2	.3
	Individual.....	3	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(Z)	.1
	Partnership.....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	28	-	.1	.5	.1	.1	.3	1.1	1.9	2.9	(D)	.2	.2
2992	Lubricating oils and greases, total..	298	109	7.3	58.0	3.9	7.9	24.3	200.7	284.6	487.3	8.5	53.2	53.3
	Type of operation:													
	Multiunit companies, total.....	94	58	4.3	35.1	2.4	5.0	16.5	151.7	216.7	370.5	6.5	41.6	41.3
	Corporate ownership or control...	89	57	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	5	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	116	51	2.9	21.8	1.4	2.6	7.3	46.3	64.4	110.6	1.9	11.1	11.3
	Corporate ownership or control...	94	48	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	22	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	88	-	.2	1.1	.2	.2	.6	2.7	3.5	6.2	.1	.6	.6
	Legal form of organization:													
	Corporate.....	183	105	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	27	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual.....	20	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	5	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	88	-	.2	1.1	.2	.2	.6	2.7	3.5	6.2	.1	.6	.6
2999	Petroleum and coal products, N.E.C., total.....	47	15	1.1	6.9	.8	1.7	5.2	24.4	56.2	79.8	1.8	13.0	10.0
	Type of operation:													
	Multiunit companies, total.....	19	11	.8	5.2	.6	1.3	4.0	20.8	47.1	67.4	1.7	12.3	9.1
	Corporate ownership or control...	19	11	.8	5.2	.6	1.3	4.0	20.8	47.1	67.4	1.7	12.3	9.1
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	14	4	.2	1.5	.2	.3	1.0	3.2	8.4	11.3	.1	.4	.7
	Corporate ownership or control...	10	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	4	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	14	-	(Z)	.2	(Z)	.1	.1	.4	.7	1.1	(Z)	.2	.2
	Legal form of organization:													
	Corporate.....	29	15	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	4	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual.....	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	14	-	(Z)	.2	.2	.1	.1	.4	.7	1.1	(Z)	.2	.2

See footnotes at end of table.



TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967-Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new <sup>a</sup> (million dollars)	Inventories end of--	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
30	Rubber and Plastics products, n.e.c., total.....	6,456	3,122	516.7	3,286.5	410.1	815.5	2,312.5	6,799.5	5,974.4	12,758.6	677.2	1,600.9	1,670.0
	Type of operation:													
	Multiunit companies, total.....	1,674	1,449	389.0	2,593.1	303.2	602.0	1,825.6	5,481.1	4,885.5	10,364.9	588.6	1,391.5	1,432.2
	Corporate ownership or control...	1,665	1,443	388.3	2,589.1	302.7	601.0	1,822.9	5,471.9	4,873.1	10,343.0	586.9	1,389.5	1,430.2
	Noncorporate ownership.....	9	6	.7	4.0	.6	1.0	2.7	9.2	12.4	21.8	1.7	2.0	2.0
	Single unit companies, total.....	2,942	1,669	122.9	668.8	102.1	206.0	469.2	1,262.8	1,043.1	2,292.2	84.6	198.5	226.8
	Corporate ownership or control...	2,508	1,606	117.9	643.3	97.6	197.6	449.7	1,210.0	1,002.8	2,199.6	82.0	192.1	219.7
	Noncorporate ownership.....	434	63	5.0	25.5	4.5	8.4	19.5	52.8	40.3	92.6	2.6	6.4	7.1
	Administrative records <sup>c</sup> .....	1,840	-	4.8	24.6	4.7	7.5	17.8	55.6	45.9	101.5	4.1	10.9	10.9
	Legal form of organization:													
	Corporate.....	4,173	3,053	506.2	3,232.4	400.3	798.6	2,272.6	6,681.9	5,875.9	12,542.6	668.8	1,581.6	1,649.9
	Noncorporate, total.....	443	69	5.7	29.5	5.0	9.5	22.2	62.0	52.7	114.4	4.3	8.4	9.1
	Individual <sup>e</sup> .....	366	25	2.7	13.4	2.4	4.4	10.0	26.7	21.5	48.1	1.6	3.6	3.9
	Partnership.....	71	39	2.5	13.2	2.1	4.0	10.0	28.6	26.1	54.6	2.5	4.1	4.5
	Other.....	6	5	.6	2.8	.5	1.1	2.2	6.7	5.0	11.7	.2	.7	.7
	Administrative records <sup>c</sup> .....	1,840	-	4.8	24.6	4.7	7.5	17.8	55.6	45.9	101.5	4.1	10.9	10.9
3011	Tires and inner tubes, total.....	182	110	92.7	774.5	71.4	136.5	573.8	1,823.0	1,895.2	3,733.9	198.8	511.7	526.0
	Type of operation:													
	Multiunit companies, total.....	99	89	90.5	760.1	69.6	132.7	563.6	1,793.6	1,845.8	3,655.4	197.5	505.7	518.9
	Corporate ownership or control...	99	89	90.5	760.1	69.6	132.7	563.6	1,793.6	1,845.8	3,655.4	197.5	505.7	518.9
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	40	21	2.1	13.8	1.7	3.7	9.9	28.4	48.1	76.3	1.2	5.7	6.8
	Corporate ownership or control...	33	19	2.0	13.1	1.7	3.5	9.5	26.5	46.1	72.5	1.1	5.5	6.5
	Noncorporate ownership.....	7	2	.1	.8	.1	.2	.4	1.9	2.0	3.8	.1	.2	.3
	Administrative records <sup>c</sup> .....	43	-	.1	.5	.1	.1	.4	1.0	1.3	2.3	.1	.3	.3
	Legal form of organization:													
	Corporate.....	132	108	92.5	773.2	71.3	136.2	573.1	1,820.1	1,892.0	3,727.9	198.6	511.2	525.4
	Noncorporate, total.....	7	2	.1	.8	.1	.2	.4	1.9	2.0	3.8	.1	.2	.3
	Individual.....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	5	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>c</sup> .....	43	-	.1	.5	.1	.1	.4	1.0	1.3	2.3	.1	.3	.3
3021	Rubber footwear, total.....	65	55	29.1	141.1	25.7	46.5	112.8	244.9	180.1	427.0	9.6	92.2	91.3
	Type of operation:													
	Multiunit companies, total.....	36	33	25.9	127.6	22.7	41.1	102.1	220.6	163.8	386.8	8.6	86.2	84.8
	Corporate ownership or control...	36	33	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	25	22	3.2	13.5	2.9	5.4	10.6	24.2	16.2	40.0	1.0	6.0	6.5
	Corporate ownership or control...	24	21	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>c</sup> .....	4	-	(Z)	.1	(Z)	(Z)	(Z)	.1	.1	.2	(Z)	(Z)	(Z)
	Legal form of organization:													
	Corporate.....	60	54	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>c</sup> .....	4	-	(Z)	.1	(Z)	(Z)	(Z)	.1	.1	.2	(Z)	(Z)	(Z)
3031	Reclaimed rubber, total.....	24	13	1.7	11.8	1.4	2.5	8.9	23.4	19.6	43.8	1.6	6.8	5.4
	Type of operation:													
	Multiunit companies, total.....	14	11	1.6	11.2	1.3	2.3	8.5	22.1	18.8	41.7	1.5	6.7	5.3
	Corporate ownership or control...	13	11	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	6	2	.1	.6	.1	.2	.4	1.1	.7	1.8	.1	.1	.1
	Corporate ownership or control...	3	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	3	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>c</sup> .....	4	-	(Z)	.1	(Z)	(Z)	(Z)	.2	.1	.3	(Z)	(Z)	(Z)
	Legal form of organization:													
	Corporate.....	16	12	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	4	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual.....	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>c</sup> .....	4	-	(Z)	.1	(Z)	(Z)	(Z)	.2	.1	.3	(Z)	(Z)	(Z)
3069	Fabricated rubber products, n.e.c., total.....	1,189	671	141.6	923.0	107.6	215.1	618.3	1,740.5	1,404.3	3,139.4	134.6	405.4	412.0
	Type of operation:													
	Multiunit companies, total.....	390	349	111.9	748.1	83.6	167.3	499.3	1,423.0	1,167.7	2,589.4	121.0	354.6	354.3
	Corporate ownership or control...	389	348	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	529	322	29.0	170.8	23.3	46.7	116.2	308.1	229.7	533.7	13.2	49.2	56.1
	Corporate ownership or control...	464	310	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	65	12	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>c</sup> .....	270	-	.7	4.1	.7	1.1	2.8	9.4	6.9	16.3	.5	1.6	1.6
	Legal form of organization:													
	Corporate.....	853	658	140.0	913.9	106.3	212.5	612.0	1,719.8	1,388.2	3,102.7	133.7	402.7	409.0
	Noncorporate, total.....	66	13	.9	5.0	.8	1.5	3.5	11.3	9.2	20.4	.4	1.1	1.3
	Individual.....	55	5	.5	3.0	.4	.8	2.0	6.5	4.7	11.1	.4	.7	.8
	Partnership.....	11	8	.4	2.0	.3	.7	1.5	4.8	4.5	9.3	.1	.5	.5
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>c</sup> .....	270	-	.7	4.1	.7	1.1	2.8	9.4	6.9	16.3	.5	1.6	1.6

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967—Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new <sup>a</sup> (million dollars)	Inventories end of—	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
3079	Miscellaneous Plastics Products, total.....	4,996	2,273	251.6	1,436.1	204.0	414.9	998.7	2,967.7	2,475.2	5,414.5	332.6	584.8	635.3
	Type of operation:													
	Multiunit companies, total.....	1,135	967	159.1	946.1	126.0	258.6	652.2	2,021.8	1,689.4	3,691.7	260.0	438.3	468.9
	Corporate ownership or control...	1,128	962	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	7	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	2,342	1,306	88.5	470.1	74.0	150.0	332.0	901.0	748.3	1,640.3	69.1	137.5	157.4
	Corporate ownership or control...	1,984	1,259	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	358	47	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	1,519	-	4.0	19.9	3.9	6.3	14.6	44.9	37.5	82.5	3.5	9.0	9.0
	Legal form of organization:													
	Corporate.....	3,112	2,221	243.0	1,393.0	195.9	401.0	966.3	2,875.2	2,397.0	5,243.8	325.3	568.8	618.9
	Noncorporate, total.....	365	52	4.6	23.2	4.1	7.6	17.9	47.7	40.7	88.3	3.7	7.0	7.4
	Individual <sup>c</sup> .....	305	19	2.1	10.1	1.9	3.4	7.7	19.5	16.3	35.8	1.2	2.9	3.0
	Partnership.....	54	28	1.9	10.3	1.6	3.1	8.0	21.5	19.3	40.8	2.3	3.4	3.7
	Other.....	6	5	.6	2.8	.5	1.1	2.2	6.7	5.0	11.7	.2	.7	.7
	Administrative records <sup>e</sup> .....	1,519	-	4.0	19.9	3.9	6.3	14.6	44.9	37.5	82.5	3.5	9.0	9.0
31	Leather and leather products, total..	3,685	1,967	328.7	1,458.8	293.3	549.2	1,147.0	2,626.5	2,540.9	5,169.0	62.1	667.4	653.7
	Type of operation:													
	Multiunit companies, total.....	733	685	192.2	853.3	172.0	323.0	680.2	1,617.7	1,570.8	3,192.1	42.6	446.1	429.5
	Corporate ownership or control...	728	682	191.9	852.0	171.7	322.5	679.1	1,615.1	1,568.2	3,186.9	42.5	445.6	429.0
	Noncorporate ownership.....	5	3	.3	1.3	.3	.5	1.1	2.6	2.6	5.2	(Z)	.5	.6
	Single unit companies, total.....	1,836	1,282	132.9	590.9	117.6	220.2	455.1	977.6	940.4	1,915.9	19.4	214.4	217.5
	Corporate ownership or control...	1,581	1,197	127.3	568.8	112.5	210.9	436.3	936.5	890.6	1,825.2	18.6	208.0	210.8
	Noncorporate ownership.....	255	85	5.6	22.0	5.1	9.3	18.9	41.0	49.8	90.7	.7	6.4	6.7
	Administrative records <sup>e</sup> .....	1,116	-	3.7	14.8	3.6	6.1	11.7	31.3	29.7	60.9	.2	6.9	6.9
	Legal form of organization:													
	Corporate.....	2,309	1,879	319.2	1,420.9	284.2	533.3	1,115.4	2,551.6	2,458.7	5,012.2	61.2	653.6	639.7
	Noncorporate, total.....	260	88	5.9	23.3	5.4	9.8	20.0	43.6	52.4	95.9	.7	6.9	7.2
	Individual.....	177	37	2.7	10.0	2.5	4.4	8.3	18.2	20.8	38.9	.2	2.3	2.5
	Partnership.....	79	49	2.8	12.1	2.6	4.9	10.6	23.3	29.5	52.8	.5	4.2	4.2
	Other.....	4	2	.3	1.3	.3	.5	1.1	2.1	2.0	4.1	.1	.4	.5
	Administrative records <sup>e</sup> .....	1,116	-	3.7	14.8	3.6	6.1	11.7	31.3	29.7	60.9	.2	6.9	6.9
3111	Leather tanning and finishing, total	519	258	30.7	186.4	26.4	52.8	142.5	319.4	547.0	870.1	16.7	147.8	135.8
	Type of operation:													
	Multiunit companies, total.....	96	82	16.9	103.5	14.4	29.0	79.2	173.0	332.2	506.3	10.8	101.8	94.5
	Corporate ownership or control...	95	82	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	282	176	13.4	81.0	11.6	23.3	61.9	141.6	209.5	353.7	5.9	44.4	39.8
	Corporate ownership or control...	249	164	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	33	12	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	141	-	.4	2.0	.3	.6	1.4	4.8	5.3	10.1	(Z)	1.5	1.5
	Legal form of organization:													
	Corporate.....	344	246	29.6	180.7	25.4	51.1	138.0	306.7	521.5	831.9	16.4	144.1	132.0
	Noncorporate, total.....	34	12	.7	3.7	.6	1.2	3.1	7.9	20.2	28.1	.3	2.2	2.2
	Individual.....	23	5	.3	1.5	.3	.5	1.1	3.6	7.7	11.2	.1	.7	.8
	Partnership.....	10	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	141	-	.4	2.0	.3	.6	1.4	4.8	5.3	10.1	(Z)	1.5	1.5
3121	Industrial leather belting, total ..	67	24	2.7	15.9	2.0	4.0	10.4	31.5	21.5	53.8	1.1	9.1	7.6
	Type of operation:													
	Multiunit companies, total.....	10	10	2.0	12.0	1.5	2.9	8.1	24.0	14.4	39.1	.9	7.2	5.8
	Corporate ownership or control...	10	10	2.0	12.0	1.5	2.9	8.1	24.0	14.4	29.1	.9	7.2	5.8
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	30	14	.6	3.5	.5	1.0	2.0	6.3	6.1	12.3	.2	1.5	1.4
	Corporate ownership or control...	25	13	.6	3.2	.4	.9	1.8	5.8	5.5	11.3	.2	1.4	1.3
	Noncorporate ownership.....	5	1	.1	.2	.1	.1	.2	.6	.6	1.0	-	.1	.1
	Administrative records <sup>e</sup> .....	27	-	.1	.5	.1	.1	.3	1.2	1.0	2.3	(Z)	.4	.4
	Legal form of organization:													
	Corporate.....	35	23	2.5	15.2	1.9	3.8	9.9	29.8	19.9	50.5	1.1	8.6	7.2
	Noncorporate, total.....	5	1	.1	.2	.1	.1	.2	.5	.6	1.0	-	.1	.1
	Individual.....	5	1	.1	.2	.1	.1	.2	.5	.6	1.0	-	.1	.1
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	27	-	.1	.5	.1	.1	.3	1.2	1.0	2.3	(Z)	.4	.4
3131	Footwear cut stock, total .....	379	189	13.7	59.9	12.2	22.7	45.8	109.2	153.5	262.8	2.7	25.3	25.1
	Type of operation:													
	Multiunit companies, total.....	66	57	4.9	21.4	4.5	8.4	17.5	40.0	75.1	115.2	1.6	11.2	10.9
	Corporate ownership or control...	66	57	4.9	21.4	4.5	8.4	17.5	40.0	75.1	115.2	1.6	11.2	10.9
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	197	132	8.4	37.2	7.4	13.7	27.2	66.2	74.7	140.9	1.1	13.5	13.6
	Corporate ownership or control...	175	125	8.1	35.7	7.0	13.1	25.9	63.5	70.6	134.1	(D)	13.0	13.1
	Noncorporate ownership.....	22	7	.4	1.4	.3	.5	1.2	2.7	4.1	6.8	(D)	.5	.4
	Administrative records <sup>e</sup> .....	116	-	.3	1.4	.3	.6	1.1	3.0	3.7	6.7	(Z)	.6	.6
	Legal form of organization:													
	Corporate.....	241	182	13.0	57.1	11.5	21.5	43.5	103.5	145.7	249.3	(D)	24.2	24.1
	Noncorporate, total.....	22	7	.4	1.4	.3	.5	1.2	2.7	4.1	6.8	(D)	.5	.4
	Individual <sup>c</sup> .....	10	-	.1	.3	.1	.1	.3	.5	.6	1.1	(D)	.1	.1
	Partnership.....	12	7	.3	1.1	.3	.4	1.0	2.2	3.5	5.8	(D)	.4	.4
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	116	-	.3	1.4	.3	.6	1.1	3.0	3.7	6.7	(Z)	.6	.6

See footnotes at end of table.



TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967-Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new <sup>2</sup> (million dollars)	Inventories end of-	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
3141	Shoes, except rubber, total.....	951	742	198.5	835.3	180.0	333.7	680.8	1,525.7	1,241.7	2,770.5	25.2	343.9	336.2
	Type of operation:													
	Multiunit companies, total.....	408	400	137.6	578.0	125.5	234.2	477.8	1,117.7	925.5	2,051.0	19.0	250.9	236.2
	Corporate ownership or control...	407	399	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	401	342	60.6	255.8	54.2	98.8	201.8	405.1	313.9	714.2	6.2	92.5	99.4
	Corporate ownership or control...	363	331	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	38	11	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	142	-	.4	1.6	.4	.7	1.3	3.0	2.3	5.3	(D)	.6	.6
	Legal form of organization:													
	Corporate.....	770	730	197.3	830.9	178.8	331.8	677.2	1,517.5	1,235.4	2,756.1	25.1	342.4	334.5
	Noncorporate, total.....	39	12	.9	2.9	.8	1.3	2.4	5.2	4.0	9.1	(Z)	.9	1.0
	Individual.....	31	8	.6	1.9	.6	.9	1.5	3.1	2.5	5.5	(Z)	.2	.4
	Partnership.....	7	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	142	-	.4	1.6	.4	.7	1.3	3.0	2.3	5.3	(Z)	.6	.6
3142	House slippers, total.....	132	92	12.5	53.2	11.0	20.5	40.0	94.2	86.8	181.0	1.3	24.4	25.0
	Type of operation:													
	Multiunit companies, total.....	22	20	3.6	15.2	3.0	5.7	10.7	32.7	30.6	63.1	.5	11.8	12.0
	Corporate ownership or control...	22	20	3.6	15.2	3.0	5.7	10.7	32.7	30.6	63.1	.5	11.8	12.0
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	87	72	8.8	37.7	7.9	14.7	29.1	60.9	55.7	116.8	.7	12.5	12.9
	Corporate ownership or control...	80	69	8.6	36.8	7.7	14.3	28.4	59.2	54.2	113.6	.7	12.2	12.6
	Noncorporate ownership.....	7	3	.2	.8	.2	.4	.7	1.6	1.5	3.2	(Z)	.3	.3
	Administrative records <sup>e</sup> .....	23	-	.1	.3	.1	.1	.3	.6	.5	1.1	-	.1	.1
	Legal form of organization:													
	Corporate.....	102	89	12.2	52.0	10.7	20.0	39.0	91.9	84.7	176.7	1.3	24.0	24.6
	Noncorporate, total.....	7	3	.2	.8	.2	.4	.7	1.6	1.5	3.2	(Z)	.3	.3
	Individual.....	4	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	3	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	23	-	.1	.3	.1	.1	.3	.6	.5	1.1	-	.1	.1
3151	Leather gloves and mittens, total....	147	71	6.3	22.4	5.6	9.9	17.9	36.3	49.3	86.7	.8	15.3	14.2
	Type of operation:													
	Multiunit companies, total.....	29	24	3.0	10.5	2.6	4.5	8.2	17.3	25.5	43.8	.6	8.9	7.8
	Corporate ownership or control...	28	24	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	64	47	3.1	11.1	2.8	5.0	9.0	17.2	22.0	39.3	.2	5.7	5.7
	Corporate ownership or control...	52	41	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	12	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	54	-	.3	.8	.3	.4	.7	1.8	1.8	3.6	(Z)	.6	.6
	Legal form of organization:													
	Corporate.....	80	65	5.8	20.5	5.0	9.0	16.2	33.1	45.2	79.3	.8	14.1	13.1
	Noncorporate, total.....	13	6	.3	1.1	.3	.5	1.0	1.5	2.3	3.8	(Z)	.5	.5
	Individual.....	11	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	54	-	.3	.8	.3	.4	.7	1.8	1.8	3.6	(Z)	.6	.6
3161	Luggage, total.....	333	156	21.4	96.6	18.4	34.2	69.4	186.0	155.2	334.2	8.8	37.8	45.3
	Type of operation:													
	Multiunit companies, total.....	31	28	10.7	51.7	9.0	16.5	36.2	107.5	77.3	177.3	7.3	28.0	36.5
	Corporate ownership or control...	31	28	10.7	51.7	9.0	16.5	36.2	107.5	77.3	177.3	7.3	28.0	36.5
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	194	128	10.3	43.4	9.1	17.0	32.0	75.3	75.1	151.0	1.5	9.8	8.7
	Corporate ownership or control...	151	116	9.6	40.5	8.4	15.8	29.4	69.1	70.6	140.3	1.4	9.5	8.5
	Noncorporate ownership.....	43	12	.7	2.9	.7	1.2	2.6	6.2	4.5	10.7	.1	.2	.2
	Administrative records <sup>e</sup> .....	108	-	.4	1.4	.4	.6	1.2	3.1	2.8	5.9	(Z)	.1	.1
	Legal form of organization:													
	Corporate.....	182	144	20.3	92.2	17.4	32.3	65.6	176.6	147.9	317.6	8.7	37.5	45.1
	Noncorporate, total.....	43	12	.7	2.9	.7	1.2	2.6	6.2	4.5	10.7	.1	.2	.2
	Individual.....	28	4	.3	1.0	.2	.4	.9	2.0	1.8	3.8	(Z)	.1	.1
	Partnership.....	14	8	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	108	-	.4	1.4	.4	.6	1.2	3.1	2.8	5.9	(Z)	.1	.1
3171	Women's Handbags and purses, total...	496	247	24.1	104.5	21.7	41.7	82.8	173.6	154.2	327.2	2.1	24.9	26.1
	Type of operation:													
	Multiunit companies, total.....	32	32	6.0	26.1	5.3	10.2	20.4	43.3	39.2	82.1	.6	6.8	7.5
	Corporate ownership or control...	30	30	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	306	215	17.5	76.0	15.8	30.4	60.3	125.9	111.7	237.4	1.6	17.6	18.0
	Corporate ownership or control...	258	197	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	48	18	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	158	-	.6	2.4	.6	1.0	2.1	4.4	3.3	7.7	(Z)	.5	.5
	Legal form of organization:													
	Corporate.....	288	227	21.8	95.3	19.5	37.7	74.9	157.1	140.6	297.3	1.9	23.1	24.0
	Noncorporate, total.....	50	20	1.7	6.8	1.5	3.0	5.9	12.2	10.2	22.3	.2	1.3	1.5
	Individual.....	31	7	.6	2.2	.5	1.0	1.9	3.7	2.8	6.5	(Z)	.4	.4
	Partnership.....	18	12	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	158	-	.6	2.4	.6	1.0	2.1	4.4	3.3	7.7	(Z)	.5	.5

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967—Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new <sup>2</sup> (million dollars)	Inventories end of—	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
3172	Personal leather goods, total.....	296	105	12.7	58.2	10.7	19.7	38.4	105.1	80.9	186.2	2.0	26.5	26.0
	Type of operation:													
	Multiunit companies, total.....	18	18	6.2	29.8	5.0	9.2	18.0	53.4	37.8	91.7	1.0	15.3	14.3
	Corporate ownership or control...	18	18	6.2	29.8	5.0	9.2	18.0	53.4	37.8	91.7	1.0	15.3	14.3
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	147	87	6.1	26.8	5.3	9.9	19.1	48.3	39.5	87.6	1.1	10.3	10.8
	Corporate ownership or control...	123	78	5.6	24.6	4.8	8.9	17.2	44.5	36.3	80.6	1.0	9.8	10.2
	Noncorporate ownership.....	24	9	.6	2.1	.5	1.0	1.9	3.8	3.2	7.0	(Z)	.6	.6
	Administrative records <sup>e</sup> .....	131	-	.4	1.7	.4	.7	1.3	3.4	3.6	7.0	(Z)	.9	.9
	Legal form of organization:													
	Corporate.....	141	96	11.7	54.4	9.7	18.1	35.2	97.8	74.1	172.3	2.0	25.1	24.5
	Noncorporate, total.....	24	9	.6	2.1	.5	1.0	1.9	3.8	3.2	7.0	(Z)	.6	.6
	Individual.....	16	4	.3	1.1	.3	.5	1.0	2.1	2.0	4.1	(Z)	.3	.3
	Partnership.....	8	5	.3	1.0	.3	.4	.9	1.7	1.2	2.9	(Z)	.3	.3
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	131	-	.4	1.7	.4	.7	1.3	3.4	3.6	7.0	(Z)	.9	.9
3199	Leather goods, N.E.C., total.....	365	83	6.1	26.4	5.3	10.0	19.0	45.5	50.8	96.5	1.4	12.2	12.4
	Type of operation:													
	Multiunit companies, total.....	21	14	1.4	5.3	1.3	2.2	4.1	8.7	13.3	22.5	.3	4.2	3.8
	Corporate ownership or control...	21	14	1.4	5.3	1.3	2.2	4.1	8.7	13.3	22.5	.3	4.2	3.8
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	128	69	4.0	18.5	3.3	6.5	12.7	30.8	32.1	62.7	.9	6.6	7.1
	Corporate ownership or control...	105	63	3.7	17.3	3.0	6.0	11.7	28.8	30.2	58.8	.9	6.2	6.7
	Noncorporate ownership.....	23	6	.3	1.2	.3	.5	1.0	2.0	1.9	3.9	(Z)	.3	.4
	Administrative records <sup>e</sup> .....	216	-	.7	2.7	.7	1.3	2.1	6.0	5.4	11.4	.1	1.5	1.5
	Legal form of organization:													
	Corporate.....	126	77	5.1	22.6	4.3	8.2	15.8	37.5	43.5	81.2	1.2	10.4	10.6
	Noncorporate, total.....	23	6	.3	1.2	.3	.5	1.0	2.0	1.9	3.9	(Z)	.3	.4
	Individual.....	18	3	.2	.7	.2	.3	.6	1.2	1.0	2.3	(Z)	.1	.1
	Partnership.....	5	3	.1	.5	.1	.2	.4	.8	.9	1.6	(Z)	.2	.2
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	216	-	.7	2.7	.7	1.3	2.1	6.0	5.4	11.4	.1	1.5	1.5
32	Stone, clay, and glass products, total	15,580	4,911	589.9	3,825.5	469.3	948.4	2,784.1	8,333.4	6,146.0	14,449.4	820.9	1,803.5	1,851.2
	Type of operation:													
	Multiunit companies, total.....	3,929	2,524	414.5	2,793.2	332.0	675.1	2,081.3	6,301.9	4,320.5	10,604.1	644.1	1,497.9	1,516.8
	Corporate ownership or control...	3,850	2,507	413.3	2,785.0	331.0	673.1	2,075.0	6,280.7	4,301.8	10,564.0	642.3	1,495.5	1,514.6
	Noncorporate ownership.....	79	17	1.2	8.2	1.0	2.0	6.3	21.2	18.7	40.1	1.8	2.4	2.2
	Single unit companies, total.....	6,210	2,387	162.7	968.9	124.9	253.8	656.2	1,872.6	1,674.8	3,535.2	159.6	277.0	305.6
	Corporate ownership or control...	4,865	2,245	148.5	893.4	113.5	231.0	600.6	1,708.1	1,528.4	3,225.6	144.7	259.1	285.6
	Noncorporate ownership.....	1,345	142	14.1	75.4	11.5	22.8	55.7	164.6	146.3	309.6	14.9	17.9	20.1
	Administrative records <sup>e</sup> .....	5,441	-	12.5	63.4	12.3	19.3	46.3	158.9	150.8	310.0	16.9	28.8	28.5
	Legal form of organization:													
	Corporate.....	8,715	4,752	561.8	3,678.4	444.4	904.1	2,675.6	7,988.8	5,830.2	13,789.6	787.0	1,754.6	1,800.2
	Noncorporate, total.....	1,424	159	15.4	83.7	12.5	24.8	62.0	185.8	165.1	349.7	16.7	20.3	22.3
	Individual.....	1,074	65	8.8	46.6	7.3	13.9	34.6	100.9	95.5	195.5	9.8	10.2	11.7
	Partnership.....	327	84	6.0	34.2	4.8	10.2	25.3	77.8	64.4	141.9	6.4	9.3	9.5
	Other.....	23	10	.5	2.9	.4	.8	2.1	7.0	5.2	12.2	.5	.8	1.0
	Administrative records <sup>e</sup> .....	5,441	-	12.5	63.4	12.3	19.3	46.3	158.9	150.8	310.0	16.9	28.8	28.5
3211	Flat glass, total.....	64	39	23.9	196.6	19.8	40.2	157.6	422.9	194.7	611.3	59.9	88.0	93.1
	Type of operation:													
	Multiunit companies, total.....	35	30	23.1	191.5	19.1	38.8	154.0	412.9	187.8	594.5	59.5	86.3	91.3
	Corporate ownership or control...	35	30	23.1	191.5	19.1	38.8	154.0	412.9	187.8	594.5	59.5	86.3	91.3
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	24	9	.7	5.1	.6	1.4	3.5	9.8	6.8	16.5	.4	1.7	1.8
	Corporate ownership or control...	17	9	.7	4.8	.6	1.3	3.3	8.2	6.4	14.5	.3	1.6	1.6
	Noncorporate ownership.....	7	-	(Z)	.3	(Z)	.1	.2	1.6	.4	2.0	(Z)	.1	.1
	Administrative records <sup>e</sup> .....	5	-	(Z)	.1	(Z)	(Z)	(Z)	.1	.1	.2	(Z)	(Z)	(Z)
	Legal form of organization:													
	Corporate.....	52	39	23.8	196.3	19.7	40.1	157.3	421.2	194.2	609.1	59.9	87.9	93.0
	Noncorporate, total.....	7	-	(Z)	.3	(Z)	.1	.2	1.6	.4	2.0	(Z)	.1	.1
	Individual.....	6	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	5	-	(Z)	.1	(Z)	(Z)	(Z)	.1	.1	.2	(Z)	(Z)	(Z)
3221	Glass containers, total.....	120	112	66.7	426.1	59.4	119.4	362.3	842.2	489.1	1,352.4	70.8	170.5	154.3
	Type of operation:													
	Multiunit companies, total.....	106	105	64.9	413.9	57.8	116.1	352.4	821.4	474.3	1,316.4	69.6	166.6	150.8
	Corporate ownership or control...	106	105	64.9	413.9	57.8	116.1	352.4	821.4	474.3	1,316.4	69.6	166.6	150.8
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	8	7	1.8	12.2	1.6	3.3	9.9	20.8	14.8	35.9	1.2	3.9	3.5
	Corporate ownership or control...	7	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	6	-	(Z)	(Z)	(Z)	(Z)	(Z)	.1	.1	.1	(Z)	(Z)	(Z)
	Legal form of organization:													
	Corporate.....	113	112	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	6	-	(Z)	(Z)	(Z)	(Z)	(Z)	.1	.1	.1	(Z)	(Z)	(Z)

See footnotes at end of table.



TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967-Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new <sup>2</sup>	Inventories end of--	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1966	1967
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
3229	Pressed and blown glass, N.E.C., total	185	113	42.5	262.3	36.5	72.2	211.6	658.9	237.2	886.2	81.9	117.5	128.6
	Type of operation:													
	Multiunit companies, total.....	73	72	35.9	227.8	30.7	61.7	184.1	605.0	218.8	814.5	80.0	107.6	118.0
	Corporate ownership or control...	73	72	35.9	227.8	30.7	61.7	184.1	605.0	218.8	814.5	80.0	107.6	118.0
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	62	41	6.5	33.9	5.7	10.4	27.0	52.4	17.9	69.8	1.9	9.7	10.3
	Corporate ownership or control...	53	40	6.4	33.5	5.6	10.3	26.7	51.9	17.6	68.9	1.9	9.6	10.2
	Noncorporate ownership.....	9	1	.1	.4	.1	.1	.3	.6	.3	.8	.1	.1	.1
	Administrative records <sup>e</sup> .....	50	-	.1	.6	.1	.2	.5	1.4	.5	1.9	(Z)	.3	.3
	Legal form of organization:													
	Corporate.....	126	112	42.3	261.3	36.3	71.9	210.8	656.9	236.4	883.4	81.8	117.2	128.2
	Noncorporate, total.....	9	1	.1	.4	.1	.1	.3	.6	.3	.8	.1	.1	.1
	Individual.....	8	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	50	-	.1	.6	.1	.2	.5	1.4	.5	1.9	(Z)	.3	.3
3231	Products of purchased glass, total....	887	258	29.2	182.1	23.9	47.4	134.7	393.9	407.2	794.7	21.9	125.2	133.6
	Type of operation:													
	Multiunit companies, total.....	125	100	16.3	107.8	13.2	26.4	81.9	257.1	274.0	525.4	16.6	92.2	97.7
	Corporate ownership or control...	124	99	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	345	158	11.9	69.3	9.7	19.5	49.1	126.2	124.1	249.2	4.9	29.4	32.6
	Corporate ownership or control...	274	149	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	71	9	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	417	-	1.0	5.0	1.0	1.6	3.8	10.6	9.1	20.0	.4	3.6	3.3
	Legal form of organization:													
	Corporate.....	398	248	27.6	173.7	22.3	44.7	128.2	376.7	392.4	762.4	21.1	120.4	129.2
	Noncorporate, total.....	72	10	.7	3.4	.6	1.1	2.7	6.5	5.7	12.3	.4	1.2	1.1
	Individual.....	60	3	.4	2.1	.4	.7	1.7	4.1	2.6	6.6	.2	.7	.7
	Partnership.....	12	7	.3	1.3	.2	.4	1.1	2.5	3.2	5.7	.2	.5	.5
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	417	-	1.0	5.0	1.0	1.6	3.8	10.6	9.1	20.0	.4	3.6	3.3
3241	Cement, hydraulic, total .....	197	180	32.6	247.7	26.2	52.5	184.4	812.3	439.2	1,246.5	90.5	195.6	204.3
	Type of operation:													
	Multiunit companies, total.....	178	173	31.7	241.1	25.5	51.2	180.2	793.2	429.3	1,217.4	88.5	191.5	199.9
	Corporate ownership or control...	178	173	31.7	241.1	25.5	51.2	180.2	793.2	429.3	1,217.4	88.5	191.5	199.9
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	11	7	.8	6.5	.6	1.3	4.1	18.9	9.9	28.8	1.9	4.1	4.3
	Corporate ownership or control...	7	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	4	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	8	-	(Z)	.1	(Z)	(Z)	.1	.2	.1	.4	(Z)	.1	.1
	Legal form of organization:													
	Corporate.....	185	179	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	4	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual.....	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	8	-	(Z)	.1	(Z)	(Z)	.1	.2	.1	.4	(Z)	.1	.1
3251	Brick and structural clay tile, total	482	363	27.5	143.8	23.3	47.9	109.8	251.1	114.8	362.0	27.1	56.6	60.6
	Type of operation:													
	Multiunit companies, total.....	187	176	14.5	78.2	12.3	25.5	60.7	145.6	63.5	206.2	18.9	36.2	39.0
	Corporate ownership or control...	187	176	14.5	78.2	12.3	25.5	60.7	145.6	63.5	206.2	18.9	36.2	39.0
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	236	187	12.8	64.7	10.9	22.1	48.4	103.7	50.3	152.9	8.0	19.8	21.1
	Corporate ownership or control...	210	177	12.2	61.9	10.4	21.1	46.2	97.6	48.4	145.0	7.6	19.2	20.4
	Noncorporate ownership.....	26	10	.6	2.9	.5	1.0	2.3	6.1	2.0	8.0	.4	.6	.7
	Administrative records <sup>e</sup> .....	59	-	.2	.9	.2	.3	.7	1.9	1.0	2.9	.2	.5	.5
	Legal form of organization:													
	Corporate.....	397	353	26.7	140.1	22.7	46.6	106.9	243.2	111.9	351.1	26.5	55.4	59.4
	Noncorporate, total.....	26	10	.6	2.9	.5	1.0	2.3	6.1	2.0	8.0	.4	.6	.7
	Individual.....	17	2	.2	1.4	.2	.4	1.1	2.0	.9	2.8	.1	.3	.3
	Partnership.....	8	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	59	-	.2	.9	.2	.3	.7	1.9	1.0	2.9	.2	.5	.5
3253	Ceramic wall and floor tile, total...	80	59	10.6	60.6	8.5	17.6	41.8	105.9	54.9	160.5	4.7	35.1	35.2
	Type of operation:													
	Multiunit companies, total.....	39	36	8.3	48.7	6.6	13.9	34.0	87.6	41.8	129.4	4.1	28.4	28.5
	Corporate ownership or control...	39	36	8.3	48.7	6.6	13.9	34.0	87.6	41.8	129.4	4.1	28.4	28.5
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	34	23	2.3	11.8	1.8	3.7	7.8	18.2	13.0	31.0	.6	6.7	6.7
	Corporate ownership or control...	28	20	2.1	10.9	1.6	3.3	7.1	16.3	12.2	28.4	.5	6.5	6.2
	Noncorporate ownership.....	6	3	.2	.9	.2	.4	.7	1.9	.9	2.5	.1	.1	.4
	Administrative records <sup>e</sup> .....	7	-	(Z)	.1	(Z)	(Z)	.1	.1	.1	.2	(Z)	(Z)	(Z)
	Legal form of organization:													
	Corporate.....	67	56	10.4	59.6	8.2	17.2	41.1	103.9	54.0	157.8	4.6	34.9	34.7
	Noncorporate, total.....	6	3	.2	.9	.2	.4	.7	1.9	.9	2.5	.1	.1	.4
	Individual.....	6	3	.2	.9	.2	.4	.7	1.9	.9	2.5	.1	.1	.4
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	7	-	(Z)	.1	(Z)	(Z)	.1	.1	.1	.2	(Z)	(Z)	(Z)

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967—Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new <sup>a</sup>	Inventories end of—	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
3255	Clay refractories, total .....	145	107	12.6	84.3	10.1	19.2	59.2	151.4	97.4	246.1	17.9	64.8	65.6
	Type of operation:													
	Multiunit companies, total.....	92	85	10.9	73.6	8.6	16.5	51.5	132.9	87.0	217.3	14.1	60.3	60.7
	Corporate ownership or control...	92	85	10.9	73.6	8.6	16.5	51.5	132.9	87.0	217.3	14.1	60.3	60.7
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	35	22	1.6	10.1	1.3	2.5	7.2	17.4	9.6	27.0	3.6	4.1	4.5
	Corporate ownership or control...	29	21	1.6	9.8	1.3	2.5	7.0	16.9	8.9	25.7	3.6	3.9	4.4
	Noncorporate ownership.....	6	1	(Z)	.3	(Z)	.1	.2	.5	.7	1.3	(Z)	.2	.2
	Administrative records <sup>e</sup> .....	18	-	.1	.6	.1	.2	.5	1.2	.7	1.9	.1	.4	.4
	Legal form of organization:													
	Corporate.....	121	106	12.4	83.4	9.9	18.9	58.5	149.7	96.0	242.9	17.7	64.2	65.0
	Noncorporate, total.....	6	1	(Z)	.3	(Z)	.1	.2	.5	.7	1.3	(Z)	.2	.2
	Individual <sup>e</sup> .....	4	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	18	-	.1	.6	.1	.2	.5	1.2	.7	1.9	.1	.4	.4
3259	Structural clay products, N.E.C., total .....	144	95	9.7	55.2	8.1	16.5	42.9	103.4	48.7	152.9	9.7	30.5	29.7
	Type of operation:													
	Multiunit companies, total.....	62	60	7.7	44.1	6.4	13.1	34.4	86.1	40.8	127.7	8.3	27.2	26.5
	Corporate ownership or control...	62	60	7.7	44.1	6.4	13.1	34.4	86.1	40.8	127.7	8.3	27.2	26.5
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	55	35	1.9	10.8	1.6	3.3	8.2	16.7	7.6	24.4	1.3	3.1	3.1
	Corporate ownership or control...	45	33	1.8	10.2	1.5	3.1	7.7	15.8	7.2	23.1	1.3	2.9	2.9
	Noncorporate ownership.....	10	2	.1	.6	.1	.2	.5	.9	.4	1.3	.1	.2	.3
	Administrative records <sup>e</sup> .....	27	-	.1	.3	.1	.1	.3	.6	.3	.9	.1	.1	.1
	Legal form of organization:													
	Corporate.....	107	93	9.5	54.3	7.9	16.2	42.1	101.9	48.0	150.7	9.5	30.1	29.3
	Noncorporate, total.....	10	2	.1	.6	.1	.2	.5	.9	.4	1.3	.1	.2	.3
	Individual.....	8	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	27	-	.1	.3	.1	.1	.3	.6	.3	.9	.1	.1	.1
3261	Vitreous plumbing fixtures, total....	51	40	8.4	56.5	7.0	13.8	45.7	111.4	58.5	170.0	2.6	26.7	26.6
	Type of operation:													
	Multiunit companies, total.....	29	29	7.1	48.8	5.9	11.7	39.7	99.4	49.1	148.6	2.0	23.3	23.5
	Corporate ownership or control...	29	29	7.1	48.8	5.9	11.7	39.7	99.4	49.1	148.6	2.0	23.3	23.5
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	14	11	1.3	7.6	1.1	2.1	6.0	11.7	9.3	21.0	.6	3.3	3.1
	Corporate ownership or control...	12	11	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership <sup>e</sup> .....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	8	-	(Z)	.1	(Z)	(Z)	.1	.3	.2	.4	(Z)	.1	.1
	Legal form of organization:													
	Corporate.....	41	40	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual.....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	8	-	(Z)	.1	(Z)	(Z)	.1	.3	.2	.4	(Z)	.1	.1
3262	Vitreous china food utensils, total..	39	28	7.0	36.1	6.0	11.2	27.3	55.8	12.7	67.2	1.9	13.9	15.2
	Type of operation:													
	Multiunit companies, total.....	14	13	5.7	30.1	4.8	9.1	22.6	46.8	10.6	56.7	1.6	11.3	12.1
	Corporate ownership or control...	13	13	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	19	15	1.3	5.9	1.2	2.1	4.8	8.8	2.0	10.3	.3	2.6	3.1
	Corporate ownership or control...	18	14	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	6	-	(Z)	(Z)	(Z)	(Z)	(Z)	.1	(Z)	.2	-	(Z)	(Z)
	Legal form of organization:													
	Corporate.....	31	27	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Partnership.....	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	6	-	(Z)	(Z)	(Z)	(Z)	(Z)	.1	(Z)	.2	-	(Z)	(Z)
3263	Fine earthenware food utensils, total	21	17	5.9	27.5	5.3	9.8	22.6	34.6	12.4	47.1	1.0	10.1	10.1
	Type of operation:													
	Multiunit companies, total.....	6	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Corporate ownership or control...	6	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	14	11	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Corporate ownership or control...	11	10	2.3	9.9	2.0	3.6	7.3	13.5	4.4	18.3	.2	3.3	2.8
	Noncorporate ownership.....	3	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Legal form of organization:													
	Corporate.....	17	16	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	3	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual.....	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.



TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967—Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new <sup>a</sup> (million dollars)	Inventories end of—	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
3264	Porcelain electrical supplies, total	74	50	13.4	89.9	11.0	22.2	67.5	153.5	76.0	225.0	21.4	30.1	35.6
	Type of operation:													
	Multiunit companies, total.....	37	31	11.2	77.2	9.0	18.3	58.1	133.0	69.9	198.6	20.2	27.9	33.1
	Corporate ownership or control...	37	31	11.2	77.2	9.0	18.3	58.1	133.0	69.9	198.6	20.2	27.9	33.1
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	30	19	2.3	12.6	2.0	3.9	9.3	20.4	6.1	26.2	1.2	2.1	2.5
	Corporate ownership or control...	25	18	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	5	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	7	-	(Z)	.1	(Z)	(Z)	.1	.1	.1	.2	(Z)	(Z)	(Z)
	Legal form of organization:													
	Corporate.....	62	49	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	5	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual <sup>e</sup> .....	4	-	(Z)	.1	.1	(Z)	.1	.2	.1	.3	(D)	(Z)	(Z)
	Partnership.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	7	-	(Z)	.1	.1	(Z)	.1	.1	.1	.2	(Z)	(Z)	(Z)
3269	Pottery Products, N.E.C., total.....	434	96	7.9	37.0	6.7	13.1	27.0	63.4	33.7	96.1	3.0	10.1	10.7
	Type of operation:													
	Multiunit companies, total.....	28	24	2.4	12.8	1.9	3.8	8.3	22.0	15.4	36.7	.8	3.7	3.9
	Corporate ownership or control...	28	24	2.4	12.8	1.9	3.8	8.3	22.0	15.4	36.7	.8	3.7	3.9
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	150	72	4.9	22.2	4.3	8.4	17.1	36.8	16.1	52.6	1.7	5.6	5.9
	Corporate ownership or control...	103	66	4.4	20.3	3.9	7.7	15.5	33.4	14.7	47.9	1.5	5.3	5.6
	Noncorporate ownership.....	47	6	.5	1.9	.4	.7	1.5	3.3	1.4	4.7	.2	.3	.3
	Administrative records <sup>e</sup> .....	256	-	.6	2.0	.6	.9	1.6	4.6	2.2	6.8	.4	.8	.8
	Legal form of organization:													
	Corporate.....	131	90	6.9	33.0	5.7	11.5	23.8	55.5	30.0	84.6	2.3	8.9	9.5
	Noncorporate, total.....	47	6	.5	1.9	.4	.7	1.5	3.3	1.4	4.7	.2	.3	.3
	Individual <sup>e</sup> .....	38	1	.2	.8	.2	.3	.6	1.4	.5	1.9	.1	.2	.2
	Partnership.....	8	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	256	-	.6	2.0	.6	.9	1.6	4.6	2.2	6.8	.4	.8	.8
3271	Concrete block and brick, total.....	1,599	349	21.1	130.1	14.6	30.6	77.0	274.2	276.1	550.1	30.5	60.4	60.8
	Type of operation:													
	Multiunit companies, total.....	201	96	5.1	33.1	3.6	7.8	21.3	70.0	72.8	142.9	9.7	17.8	17.7
	Corporate ownership or control...	190	94	4.9	32.0	3.4	7.6	20.6	67.9	71.1	138.9	9.6	17.1	17.2
	Noncorporate ownership.....	11	2	.2	1.1	.1	.3	.8	2.1	1.7	4.0	.2	.7	.6
	Single unit companies, total.....	777	253	14.6	90.1	9.6	20.5	50.9	187.6	184.5	371.8	18.6	38.1	38.6
	Corporate ownership or control...	629	239	13.1	81.8	8.4	18.1	45.3	169.2	165.0	334.1	16.6	34.4	34.7
	Noncorporate ownership.....	148	14	1.5	8.3	1.2	2.4	5.6	18.4	19.4	37.7	2.0	3.7	3.9
	Administrative records <sup>e</sup> .....	621	-	1.4	6.8	1.4	2.2	4.8	16.6	18.8	35.4	2.2	4.5	4.5
	Legal form of organization:													
	Corporate.....	819	333	18.0	113.8	11.9	25.6	65.8	237.1	236.1	473.0	26.2	51.4	51.9
	Noncorporate, total.....	159	16	1.7	9.4	1.3	2.7	6.4	20.5	21.2	41.7	2.1	4.4	4.4
	Individual.....	105	5	.9	4.3	.7	1.4	3.1	9.7	8.5	18.1	1.0	1.8	1.9
	Partnership.....	53	11	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	621	-	1.4	6.8	1.4	2.2	4.8	16.6	18.8	35.4	2.2	4.5	4.5
3272	Concrete products, N.E.C., total.....	3,412	802	56.8	351.1	45.4	94.2	247.9	722.6	487.9	1,201.1	73.8	149.6	159.1
	Type of operation:													
	Multiunit companies, total.....	595	371	26.3	171.8	20.5	43.6	120.9	375.0	256.7	627.0	47.1	92.8	96.4
	Corporate ownership or control...	580	367	26.0	170.0	20.2	43.1	119.3	372.3	253.0	620.6	46.9	92.0	95.5
	Noncorporate ownership.....	15	4	.3	1.8	.2	.5	1.6	2.7	3.7	6.4	.2	.8	.8
	Single unit companies, total.....	1,221	431	26.8	162.0	21.3	44.4	114.2	306.0	202.4	503.7	21.8	47.6	53.6
	Corporate ownership or control...	894	406	24.1	147.8	19.0	39.9	103.3	279.2	185.2	460.0	19.7	44.2	49.9
	Noncorporate ownership.....	327	25	2.7	14.3	2.3	4.5	10.9	26.8	17.2	43.8	2.1	3.4	3.7
	Administrative records <sup>e</sup> .....	1,596	-	3.7	17.3	3.7	6.1	12.8	41.6	28.8	70.4	4.9	9.2	9.2
	Legal form of organization:													
	Corporate.....	1,474	773	50.1	317.7	39.2	83.0	222.6	651.6	438.1	1,080.5	66.6	136.2	145.4
	Noncorporate, total.....	342	29	3.0	16.1	2.5	5.0	12.5	29.5	20.9	50.2	2.3	4.3	4.6
	Individual.....	268	15	2.0	10.1	1.7	3.2	7.8	18.1	13.2	31.0	1.7	2.5	2.7
	Partnership.....	71	14	1.0	5.9	.8	1.8	4.7	11.1	7.7	18.7	.6	1.8	1.8
	Other.....	3	-	(Z)	.1	(Z)	(Z)	.1	.3	.1	.4	(Z)	(Z)	(Z)
	Administrative records <sup>e</sup> .....	1,596	-	3.7	17.3	3.7	6.1	12.8	41.6	28.8	70.4	4.9	9.2	9.2
3273	Ready-mixed concrete, total.....	4,760	1,150	74.5	508.8	49.2	100.7	308.6	1,155.5	1,529.2	2,684.2	136.9	70.8	87.1
	Type of operation:													
	Multiunit companies, total.....	1,247	467	30.1	223.6	18.4	38.8	128.6	505.6	716.7	1,223.4	60.3	35.8	39.5
	Corporate ownership or control...	1,206	461	29.5	219.6	18.0	37.9	125.5	491.8	705.4	1,198.2	58.9	35.2	38.9
	Noncorporate ownership.....	41	6	.5	4.0	.4	.8	3.0	13.8	11.4	25.2	1.4	.6	.6
	Single unit companies, total.....	2,160	683	41.2	266.9	27.8	57.7	167.1	596.2	742.7	1,337.4	69.8	31.4	44.0
	Corporate ownership or control...	1,696	641	36.6	241.0	24.4	51.0	149.6	531.7	665.7	1,196.0	62.3	28.5	40.1
	Noncorporate ownership.....	464	42	4.7	26.0	3.4	6.8	17.5	64.6	76.9	141.3	7.5	2.9	3.9
	Administrative records <sup>e</sup> .....	1,353	-	3.2	18.2	3.0	4.3	12.9	53.7	69.8	123.4	6.7	3.6	3.6
	Legal form of organization:													
	Corporate.....	2,902	1,102	66.1	460.5	42.4	88.9	275.1	1,023.5	1,371.1	2,394.3	121.2	63.7	79.0
	Noncorporate, total.....	505	48	5.2	30.0	3.8	7.6	20.5	78.4	88.3	166.5	8.9	3.5	4.5
	Individual.....	384	25	3.4	19.0	2.5	5.0	13.4	47.7	57.0	104.6	5.8	2.2	2.9
	Partnership.....	115	20	1.7	10.4	1.2	2.5	6.7	29.5	29.6	59.0	3.0	1.2	1.5
	Other.....	6	3	.1	.6	.1	.1	.4	1.2	1.7	2.9	.1	.1	.1
	Administrative records <sup>e</sup> .....	1,353	-	3.2	18.2	3.0	4.3	12.9	53.7	69.8	123.4	6.7	3.6	3.6

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967-Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new <sup>2</sup> (million dollars)	Inventories end of-	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
3274	Lime, total .....	116	71	6.8	42.6	5.7	12.0	33.4	100.1	76.8	176.5	17.7	15.5	15.8
	Type of operation:													
	Multiunit companies, total.....	73	54	5.9	37.7	5.1	10.5	30.0	88.2	67.3	155.3	15.6	14.0	14.3
	Corporate ownership or control...	73	54	5.9	37.7	5.1	10.5	30.0	88.2	67.3	155.3	15.6	14.0	14.3
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	26	17	.8	4.7	.6	1.5	3.2	11.4	9.2	20.4	2.0	1.4	1.4
	Corporate ownership or control...	19	15	.6	3.8	.5	1.1	2.6	8.6	7.1	15.5	1.7	1.3	1.2
	Noncorporate ownership.....	7	2	.2	.9	.1	.4	.6	2.8	2.1	4.8	.3	.1	.2
	Administrative records <sup>e</sup> .....	17	-	(Z)	.2	(Z)	.1	.1	.5	.3	.9	(Z)	.1	.1
	Legal form of organization:													
	Corporate.....	92	69	6.6	41.5	5.6	11.5	32.6	96.8	74.4	170.8	17.3	15.3	15.6
	Noncorporate, total.....	7	2	.2	.9	.1	.4	.6	2.8	2.1	4.8	.3	.1	.2
	Individual <sup>e</sup> .....	4	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	17	-	(Z)	.2	(Z)	.1	.1	.5	.3	.9	(Z)	.1	.1
3275	Gypsum products, total .....	117	78	10.0	70.7	7.8	17.5	52.2	225.6	160.0	387.7	12.9	44.5	39.2
	Type of operation:													
	Multiunit companies, total.....	78	74	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Corporate ownership or control...	78	74	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	10	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Corporate ownership or control...	9	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership <sup>e</sup> .....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	29	-	.1	.3	.1	.1	.2	.8	.5	1.3	(Z)	.1	.1
	Legal form of organization:													
	Corporate.....	87	78	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual <sup>e</sup> .....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	29	-	.1	.3	.1	.1	.2	.8	.5	1.3	(Z)	.1	.1
3281	Cut stone and stone products, total..	811	196	16.6	90.8	14.1	28.3	70.9	148.2	88.9	236.4	6.1	30.1	31.1
	Type of operation:													
	Multiunit companies, total.....	95	64	7.2	38.4	6.0	12.5	29.5	60.3	35.9	95.3	2.3	14.6	15.2
	Corporate ownership or control...	90	62	7.1	37.7	5.9	12.3	29.0	59.3	35.1	93.6	2.3	14.5	15.1
	Noncorporate ownership.....	5	2	.1	.7	.1	.2	.5	1.0	.7	1.7	(Z)	.1	.1
	Single unit companies, total.....	339	132	8.5	47.9	7.2	14.3	37.6	77.8	46.6	124.4	3.3	13.4	13.7
	Corporate ownership or control...	250	119	7.4	41.8	6.2	12.4	32.5	66.3	39.8	106.3	2.6	12.0	12.2
	Noncorporate ownership.....	89	13	1.1	6.0	1.0	1.9	5.2	11.5	6.8	18.1	.8	1.4	1.5
	Administrative records <sup>e</sup> .....	377	-	1.0	4.5	.9	1.5	3.7	10.1	6.5	16.6	.4	2.1	2.1
	Legal form of organization:													
	Corporate.....	340	181	14.5	79.6	12.1	24.7	61.5	125.6	74.9	199.9	4.9	26.5	27.3
	Noncorporate, total.....	94	15	1.2	6.7	1.1	2.1	5.6	12.5	7.5	19.8	.8	1.5	1.6
	Individual <sup>e</sup> .....	63	3	.5	2.6	.4	.8	2.1	5.0	3.3	8.3	.3	.8	.8
	Partnership.....	28	12	.7	3.9	.6	1.2	3.3	7.1	3.7	10.7	.5	.7	.8
	Other.....	3	-	(Z)	.2	(Z)	.1	.2	.4	.5	.9	(Z)	(Z)	(Z)
	Administrative records <sup>e</sup> .....	377	-	1.0	4.5	.9	1.5	3.7	10.1	6.5	16.6	.4	2.1	2.1
3291	Abrasive products, total .....	361	165	27.2	197.5	18.9	36.3	119.2	420.7	306.5	725.3	30.4	125.8	128.2
	Type of operation:													
	Multiunit companies, total.....	104	85	21.6	159.1	14.7	28.0	95.5	345.1	229.7	573.9	26.8	104.6	105.9
	Corporate ownership or control...	103	85	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	152	80	5.4	37.3	4.0	8.1	23.0	72.4	74.1	145.5	3.4	20.5	21.5
	Corporate ownership or control...	138	77	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	14	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	105	-	.2	1.2	.2	.3	.7	3.2	2.7	5.9	.3	.8	.8
	Legal form of organization:													
	Corporate.....	241	162	26.8	194.9	18.5	35.6	117.3	413.8	301.7	713.6	30.1	124.4	126.6
	Noncorporate, total.....	15	3	.2	1.4	.2	.4	1.2	3.7	2.2	5.8	.1	.6	.8
	Individual <sup>e</sup> .....	11	1	.1	.7	.1	.2	.6	1.5	1.2	2.7	(Z)	.2	.3
	Partnership.....	3	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	105	-	.2	1.2	.2	.3	.7	3.2	2.7	5.9	.3	.8	.8
3292	Asbestos products, total .....	138	99	21.3	144.0	16.8	35.0	107.5	308.1	263.9	575.0	18.9	115.8	111.0
	Type of operation:													
	Multiunit companies, total.....	89	84	20.4	138.8	16.1	33.6	104.1	298.5	255.4	557.0	18.2	113.8	108.8
	Corporate ownership or control...	89	84	20.4	138.8	16.1	33.6	104.1	298.5	255.4	557.0	18.2	113.8	108.8
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	33	15	.9	5.1	.7	1.3	3.3	9.3	8.2	17.5	.6	1.9	2.1
	Corporate ownership or control...	27	15	.8	4.9	.6	1.3	3.1	8.9	7.9	16.8	.6	1.8	2.0
	Noncorporate ownership <sup>e</sup> .....	6	-	(Z)	.2	(Z)	.1	.1	.4	.3	.7	(Z)	.1	.1
	Administrative records <sup>e</sup> .....	16	-	(Z)	.2	(Z)	(Z)	.1	.3	.3	.5	(Z)	.1	.1
	Legal form of organization:													
	Corporate.....	116	99	21.2	143.6	16.7	34.9	107.2	307.4	263.4	573.8	18.9	115.6	110.8
	Noncorporate, total.....	6	-	(Z)	.2	(Z)	.1	.1	.4	.3	.7	(Z)	.1	.1
	Individual <sup>e</sup> .....	5	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	16	-	(Z)	.2	(Z)	(Z)	.1	.3	.3	.5	(Z)	.1	.1

See footnotes at end of table.



TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967-Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new <sup>2</sup>	Inventories end of-	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
3293	Gaskets and insulations, total.....	301	123	18.5	115.3	14.1	27.8	76.8	205.5	150.2	352.8	9.2	50.7	54.2
	Type of operation:													
	Multiunit companies, total.....	60	54	13.2	83.3	9.9	19.7	56.3	147.7	94.0	239.3	6.9	39.8	42.0
	Corporate ownership or control...	60	54	13.2	83.3	9.9	19.7	56.3	147.7	94.0	239.3	6.9	39.8	42.0
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	155	69	5.1	30.9	4.0	7.9	19.7	55.4	54.1	108.9	2.2	10.4	11.7
	Corporate ownership or control...	134	66	4.7	28.6	3.7	7.2	18.0	51.1	50.6	101.2	2.1	9.4	10.6
	Noncorporate ownership.....	21	3	.4	2.3	.3	.7	1.7	4.3	3.4	7.7	.1	1.0	1.1
	Administrative records <sup>e</sup> .....	86	-	.2	1.1	.2	.3	.7	2.4	2.1	4.6	.1	.5	.5
	Legal form of organization:													
	Corporate.....	194	120	17.9	111.9	13.6	26.9	74.4	198.8	144.7	340.6	9.0	49.2	52.6
	Noncorporate, total.....	21	3	.4	2.3	.3	.7	1.7	4.3	3.4	7.7	.1	1.0	1.1
	Individual.....	16	2	.2	1.1	.1	.3	.7	1.8	2.3	4.0	(D)	.3	.3
	Partnership.....	5	1	.2	1.2	.2	.4	.9	2.6	1.2	3.7	(D)	.7	.8
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	86	-	.2	1.1	.2	.3	.7	2.4	2.1	4.6	.1	.5	.5
3295	Minerals, ground or treated, total...	504	130	8.9	59.3	7.0	14.4	41.7	149.4	132.4	280.9	23.5	25.8	27.3
	Type of operation:													
	Multiunit companies, total.....	215	102	6.3	43.8	5.0	10.6	31.6	114.8	108.2	222.7	18.2	21.1	21.9
	Corporate ownership or control...	211	100	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	4	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	143	28	2.3	14.1	1.7	3.4	9.1	31.1	21.4	52.0	4.4	3.9	4.6
	Corporate ownership or control...	113	28	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership <sup>e</sup> .....	30	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	146	-	.2	1.4	.2	.4	1.0	3.4	2.8	6.2	.9	.8	.8
	Legal form of organization:													
	Corporate.....	324	128	8.3	56.4	6.5	13.6	39.5	142.4	126.8	268.4	22.0	24.7	26.2
	Noncorporate, total <sup>e</sup> .....	34	2	.3	1.5	.2	.5	1.2	3.5	2.8	6.3	.6	.3	.4
	Individual <sup>e</sup> .....	25	-	.2	.9	.2	.3	.7	1.8	1.9	3.7	.5	.2	.3
	Partnership.....	5	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	4	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	146	-	.2	1.4	.2	.4	1.0	3.4	2.8	6.2	.9	.8	.8
3296	Mineral wool, total.....	116	74	15.1	106.9	12.2	25.5	83.9	247.3	204.4	454.4	27.2	38.9	35.3
	Type of operation:													
	Multiunit companies, total.....	68	60	14.3	101.7	11.6	24.3	80.9	237.6	193.2	433.5	26.8	37.2	33.8
	Corporate ownership or control...	68	60	14.3	101.7	11.6	24.3	80.9	237.6	193.2	433.5	26.8	37.2	33.8
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	31	14	.8	5.0	.6	1.1	2.9	9.2	10.8	20.1	.4	1.6	1.5
	Corporate ownership or control...	23	14	.7	4.7	.5	1.0	2.7	8.7	10.3	19.1	.3	1.6	1.4
	Noncorporate ownership <sup>e</sup> .....	8	-	.1	.3	(Z)	.1	.2	.5	.5	1.0	(Z)	.1	.1
	Administrative records <sup>e</sup> .....	17	-	(Z)	.2	(Z)	(Z)	.1	.4	.4	.8	(Z)	.1	.1
	Legal form of organization:													
	Corporate.....	91	74	15.0	106.4	12.1	25.3	83.6	246.3	203.5	452.6	27.1	38.7	35.2
	Noncorporate, total <sup>e</sup> .....	8	-	.1	.3	(Z)	.1	.2	.5	.5	1.0	(Z)	.1	.1
	Individual <sup>e</sup> .....	7	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	17	-	(Z)	.2	(Z)	(Z)	.1	.4	.4	.8	(Z)	.1	.1
3297	Nonclay refractories, total.....	92	64	9.9	72.1	7.4	14.8	49.5	158.7	149.7	307.1	17.3	88.6	87.0
	Type of operation:													
	Multiunit companies, total.....	68	58	9.1	65.6	6.8	13.6	45.7	146.2	140.6	285.6	(D)	85.0	83.1
	Corporate ownership or control...	68	58	9.1	65.6	6.8	13.6	45.7	146.2	140.6	285.6	(D)	85.0	83.1
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	11	6	.8	6.3	.6	1.1	3.6	12.1	8.8	20.7	(D)	3.4	3.7
	Corporate ownership or control...	10	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership <sup>e</sup> .....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	13	-	(Z)	.2	(Z)	(Z)	.1	.4	.3	.7	(Z)	.2	.2
	Legal form of organization:													
	Corporate.....	78	64	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total <sup>e</sup> .....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual <sup>e</sup> .....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	13	-	(Z)	.2	(Z)	(Z)	.1	.4	.3	.7	(Z)	.2	.2
3299	Nonmetallic mineral products, N.E.C., total.....	330	53	5.3	30.6	4.3	8.3	21.1	56.8	43.5	99.9	2.2	12.5	11.6
	Type of operation:													
	Multiunit companies, total.....	25	15	2.3	15.6	1.7	3.6	10.0	30.9	26.2	56.7	1.6	8.4	7.7
	Corporate ownership or control...	25	15	2.3	15.6	1.7	3.6	10.0	30.9	26.2	56.7	1.6	8.4	7.7
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	115	38	2.5	12.9	2.1	4.0	9.8	21.8	14.4	36.1	.6	3.4	3.2
	Corporate ownership or control...	84	34	2.2	11.7	1.8	3.4	8.7	19.9	12.7	32.5	.6	2.8	2.9
	Noncorporate ownership.....	31	4	.3	1.3	.3	.6	1.0	2.0	1.7	3.7	(Z)	.6	.3
	Administrative records <sup>e</sup> .....	190	-	.5	2.1	.5	.7	1.3	4.1	3.0	7.0	(Z)	.7	.7
	Legal form of organization:													
	Corporate.....	109	49	4.5	27.3	3.5	7.0	18.8	50.8	38.9	89.2	2.1	11.2	10.6
	Noncorporate, total.....	31	4	.3	1.3	.3	.6	1.0	2.0	1.7	3.7	(Z)	.6	.3
	Individual <sup>e</sup> .....	25	1	.1	.6	.1	.2	.4	1.1	.8	1.8	(Z)	.1	.1
	Partnership.....	6	3	.2	.7	-	.4	.6	.9	1.0	1.9	(Z)	.5	.2
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	190	-	.5	2.1	.5	.7	1.3	4.1	3.0	7.0	(Z)	.7	.7

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967—Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new <sup>2</sup>	Inventories end of—	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
33	Primary metal industries, total..	6,837	4,082	1,281.0	9,850.9	1,041.5	2,088.7	7,457.3	19,978.2	27,219.9	46,730.9	3,134.1	7,471.2	8,001.4
	Type of operation:													
	Multiunit companies, total.....	2,214	2,000	1,097.7	8,612.2	887.0	1,772.8	6,532.1	17,721.9	24,894.1	42,169.7	2,982.6	7,053.2	7,553.5
	Corporate ownership or control...	2,205	1,993	1,096.8	8,606.0	886.1	1,771.2	6,527.1	17,709.3	24,881.0	42,144.8	2,981.8	7,048.8	7,549.0
	Noncorporate ownership.....	9	7	.9	6.2	.8	1.6	5.0	12.6	13.0	24.9	.8	4.4	4.5
	Single unit companies, total.....	3,390	2,082	180.2	1,220.1	151.8	310.4	911.1	2,212.8	2,285.5	4,477.6	147.8	407.3	438.0
	Corporate ownership or control...	2,922	1,993	173.6	1,182.7	145.8	298.9	879.9	2,134.8	2,210.2	4,324.2	143.2	398.6	429.1
	Noncorporate ownership.....	468	89	6.6	37.4	5.9	11.6	31.2	78.0	75.3	153.4	4.6	8.6	8.8
	Administrative records <sup>e</sup> .....	1,233	-	3.1	18.6	3.0	5.3	14.2	43.3	40.4	83.6	3.7	10.0	10.1
	Legal form of organization:													
	Corporate.....	5,127	3,986	1,270.4	9,788.7	1,031.9	2,070.0	7,407.0	19,844.1	27,091.2	46,469.0	3,082.1	7,447.4	7,978.1
	Noncorporate, total.....	477	96	7.5	43.6	6.8	13.2	36.2	90.7	88.3	178.3	5.4	13.0	13.3
	Individual.....	358	42	4.3	25.0	3.9	7.5	20.5	49.0	49.6	97.2	2.2	8.0	9.0
	Partnership.....	110	51	3.0	17.2	2.7	5.3	14.7	35.2	37.1	73.1	2.3	4.4	3.6
	Other.....	9	3	.3	1.5	.2	.4	1.1	6.4	1.6	8.0	.8	.6	.7
	Administrative records <sup>e</sup> .....	1,233	-	3.1	18.6	3.0	5.3	14.2	43.3	40.4	83.6	3.7	10.0	10.1
3312	Blast furnaces and steel mills, total	329	259	533.1	4,385.3	434.0	845.4	3,368.4	8,910.1	10,997.9	19,620.6	1,661.0	3,612.5	3,936.6
	Type of operation:													
	Multiunit companies, total.....	248	232	529.2	4,353.8	430.8	838.8	3,344.7	8,859.3	10,919.2	19,494.7	1,654.6	3,589.0	3,909.6
	Corporate ownership or control...	247	231	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	55	27	3.8	31.2	3.2	6.5	23.5	50.0	76.7	123.1	6.3	22.8	26.4
	Corporate ownership or control...	41	25	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership <sup>e</sup> .....	14	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	26	-	(Z)	.3	(Z)	.1	.2	.8	2.1	2.8	.1	.6	.6
	Legal form of organization:													
	Corporate.....	288	256	532.5	4,380.2	433.5	844.4	3,364.4	8,900.8	10,985.5	19,599.7	1,660.2	3,607.7	3,931.8
	Noncorporate, total.....	15	3	.6	4.8	.5	1.0	3.8	8.5	10.3	18.1	.7	4.1	4.2
	Individual.....	14	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	26	-	(Z)	.3	(Z)	.1	.2	.8	2.1	2.8	.1	.6	.6
3313	Electrometallurgical products, total	34	31	10.4	79.0	8.4	17.2	58.6	193.2	289.9	467.9	29.3	103.9	114.0
	Type of operation:													
	Multiunit companies, total.....	28	28	10.2	77.7	8.3	16.9	57.7	189.6	285.5	460.1	(D)	102.8	112.9
	Corporate ownership or control...	28	28	10.2	77.7	8.3	16.9	57.7	189.6	285.5	460.1	(D)	102.8	112.9
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	4	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Corporate ownership or control...	4	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Legal form of organization:													
	Corporate.....	32	31	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Individual.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3315	Steel wire and related products, total.....	240	171	27.3	194.8	21.7	44.1	138.0	385.6	467.5	845.2	56.9	157.5	162.2
	Type of operation:													
	Multiunit companies, total.....	114	102	20.4	150.0	16.0	32.3	106.1	294.3	349.3	638.1	47.3	128.2	129.5
	Corporate ownership or control...	114	102	20.4	150.0	16.0	32.3	106.1	294.3	349.3	638.1	47.3	128.2	129.5
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	108	69	6.9	44.6	5.6	11.7	31.8	90.8	117.6	206.0	9.6	29.2	32.5
	Corporate ownership or control...	100	69	6.8	44.3	5.6	11.6	31.5	90.0	117.1	204.7	9.6	29.0	32.4
	Noncorporate ownership <sup>e</sup> .....	8	-	.1	.3	(Z)	.1	.2	.8	.5	1.3	(Z)	.1	.1
	Administrative records <sup>e</sup> .....	18	-	(Z)	.2	.1	.1	.2	.5	.6	1.1	(Z)	.2	.2
	Legal form of organization:													
	Corporate.....	214	171	27.2	194.3	21.6	43.9	137.6	384.3	466.4	842.9	56.9	157.2	161.9
	Noncorporate, total.....	8	-	.1	.3	(Z)	.1	.2	.8	.5	1.3	(Z)	.1	.1
	Individual.....	7	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	18	-	(Z)	.2	(Z)	.1	.2	.5	.6	1.1	(Z)	.2	.2
3316	Cold finishing of steel shapes, total.....	107	86	19.5	154.9	14.9	29.8	108.8	269.1	777.5	1,038.7	126.0	179.0	188.4
	Type of operation:													
	Multiunit companies, total.....	71	67	17.8	141.7	13.6	26.9	99.2	240.5	712.2	945.9	124.3	165.5	173.5
	Corporate ownership or control...	71	67	17.8	141.7	13.6	26.9	99.2	240.5	712.2	945.9	124.3	165.5	173.5
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	30	19	1.7	13.0	1.4	2.9	9.5	28.5	65.0	92.4	1.7	13.4	14.9
	Corporate ownership or control...	27	19	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	6	-	(Z)	.1	(Z)	(Z)	.1	.1	.3	.4	(D)	.1	.1
	Legal form of organization:													
	Corporate.....	98	86	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual.....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	6	-	(Z)	.1	(Z)	(Z)	.1	.1	.3	.4	(D)	.1	.1

See footnotes at end of table.



TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967-Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new <sup>2</sup> (million dollars)	Inventories end of-	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
3317	Steel pipe and tubes, total.....	151	126	27.0	207.9	21.8	45.1	155.4	412.1	754.4	1,148.6	37.8	189.5	205.6
	Type of operation:													
	Multiunit companies, total.....	87	86	24.0	187.9	19.4	40.1	141.3	369.6	691.9	1,042.7	33.5	170.6	186.3
	Corporate ownership or control...	87	86	24.0	187.9	19.4	40.1	141.3	369.6	691.9	1,042.7	33.5	170.6	186.3
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	53	40	2.9	19.8	2.4	4.9	14.0	42.0	61.8	104.7	4.3	18.6	19.1
	Corporate ownership or control...	52	40	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership <sup>e</sup> .....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	11	-	(Z)	.2	(Z)	(Z)	.1	.5	.7	1.2	(Z)	.2	.2
	Legal form of organization:													
	Corporate.....	139	126	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total <sup>e</sup> .....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual <sup>e</sup> .....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	11	-	(Z)	.2	(Z)	(Z)	.1	.5	.7	1.2	(Z)	.2	.2
3321	Gray iron foundries, total.....	1,061	774	138.0	965.3	119.3	242.3	780.2	1,543.1	1,075.3	2,637.8	196.3	266.0	240.8
	Type of operation:													
	Multiunit companies, total.....	253	239	90.9	669.9	77.9	159.0	544.2	1,064.7	824.2	1,911.6	167.8	222.1	192.6
	Corporate ownership or control...	252	238	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	660	535	46.7	293.1	41.0	82.6	234.1	474.0	248.6	719.1	28.4	43.4	47.7
	Corporate ownership or control...	577	500	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	83	35	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	148	-	.4	2.3	.4	.7	1.9	4.5	2.5	7.0	.1	.6	.6
	Legal form of organization:													
	Corporate.....	829	738	135.6	952.6	117.1	238.0	769.3	1,520.7	1,064.1	2,604.3	195.5	264.4	238.9
	Noncorporate, total.....	84	36	2.0	10.4	1.9	3.6	9.0	17.9	8.6	26.4	.7	1.1	1.3
	Individual.....	51	16	.9	4.7	.9	1.8	4.0	7.9	3.4	11.3	.3	.4	.5
	Partnership.....	31	18	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	148	-	.4	2.3	.4	.7	1.9	4.5	2.5	7.0	.1	.6	.6
3322	Malleable iron foundries, total.....	81	75	25.4	187.0	21.4	43.0	147.3	296.5	142.9	438.3	21.9	29.9	29.5
	Type of operation:													
	Multiunit companies, total.....	46	44	20.8	155.5	17.5	35.3	123.5	249.4	122.9	371.1	18.2	25.2	24.8
	Corporate ownership or control...	46	44	20.8	155.5	17.5	35.3	123.5	249.4	122.9	371.1	18.2	25.2	24.8
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	32	31	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Corporate ownership or control...	29	29	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	3	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Legal form of organization:													
	Corporate.....	75	73	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	3	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual.....	3	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3323	Steel foundries, total.....	296	248	69.2	488.2	57.6	116.8	379.2	791.4	413.8	1,213.2	56.8	151.0	143.9
	Type of operation:													
	Multiunit companies, total.....	129	122	48.9	348.8	40.5	81.8	271.7	570.7	319.6	899.3	43.0	127.5	118.6
	Corporate ownership or control...	128	121	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	152	126	20.2	139.2	17.0	35.0	107.3	220.2	93.9	313.1	13.9	23.4	25.3
	Corporate ownership or control...	140	122	19.8	137.0	16.6	34.3	105.5	215.5	92.4	306.9	13.7	22.9	24.7
	Noncorporate ownership.....	12	4	.4	2.2	.4	.7	1.8	4.7	1.5	6.2	.2	.5	.6
	Administrative records <sup>e</sup> .....	15	-	(Z)	.3	(Z)	.1	.2	.5	.3	.8	(Z)	.1	.1
	Legal form of organization:													
	Corporate.....	268	243	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	13	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual.....	8	1	.2	1.0	.2	.3	.8	1.5	.7	2.2	(Z)	.1	.1
	Partnership.....	4	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	15	-	(Z)	.3	(Z)	.1	.2	.5	.3	.8	(Z)	.1	.1
3331	Primary copper, total.....	32	32	11.6	80.6	9.2	18.1	61.0	262.6	935.0	1,184.1	51.7	170.1	188.8
	Type of operation:													
	Multiunit companies, total.....	32	32	11.6	80.6	9.2	18.1	61.0	262.6	935.0	1,184.1	51.6	169.6	188.8
	Corporate ownership or control...	32	32	11.6	80.6	9.2	18.1	61.0	262.6	935.0	1,184.1	51.6	169.6	188.8
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Corporate ownership or control...	-	-	-	-	-	-	-	-	-	-	-	-	-
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Legal form of organization:													
	Corporate.....	32	32	11.6	80.6	9.2	18.1	61.0	262.6	935.0	1,184.1	51.7	170.0	188.8
	Noncorporate, total.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Individual.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records.....	-	-	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967-Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new <sup>2</sup>	Inventories end of--	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
3332	Primary lead, total.....	19	18	2.7	18.9	2.1	4.3	13.3	48.3	270.8	304.0	18.5	77.2	93.5
	Type of operation:													
	Multiunit companies, total.....	19	18	2.7	18.9	2.1	4.3	13.3	48.3	270.8	304.0	18.5	77.2	93.5
	Corporate ownership or control...	19	18	2.7	18.9	2.1	4.3	13.3	48.3	270.8	304.0	18.5	77.2	93.5
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Corporate ownership or control...	-	-	-	-	-	-	-	-	-	-	-	-	-
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Legal form of organization:													
	Corporate.....	19	18	2.7	18.9	2.1	4.3	13.3	48.3	270.8	304.0	18.5	77.2	93.5
	Noncorporate, total.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Individual.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records.....	-	-	-	-	-	-	-	-	-	-	-	-	-
3333	Primary zinc, total.....	18	18	8.1	57.8	6.4	13.5	42.9	119.5	220.8	332.8	25.8	49.8	59.5
	Type of operation:													
	Multiunit companies, total.....	18	18	8.1	57.8	6.4	13.5	42.9	116.0	220.8	332.8	25.8	49.8	59.5
	Corporate ownership or control...	18	18	8.1	57.8	6.4	13.5	42.9	116.0	220.8	332.8	25.8	49.8	59.5
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Corporate ownership or control...	-	-	-	-	-	-	-	-	-	-	-	-	-
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Legal form of organization:													
	Corporate.....	18	18	8.1	57.8	6.4	13.5	42.9	119.5	220.8	332.8	25.8	49.8	59.5
	Noncorporate, total.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Individual.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records.....	-	-	-	-	-	-	-	-	-	-	-	-	-
3334	Primary aluminum, total.....	25	24	23.8	190.9	19.2	38.4	145.2	811.8	841.6	1,608.7	151.7	112.5	176.8
	Type of operation:													
	Multiunit companies, total.....	25	24	23.8	190.9	18.9	38.4	145.2	811.8	841.6	1,608.7	151.7	112.5	171.5
	Corporate ownership or control...	25	24	23.8	190.9	18.9	38.4	145.2	811.8	841.6	1,608.7	151.7	112.5	171.5
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Corporate ownership or control...	-	-	-	-	-	-	-	-	-	-	-	-	-
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Legal form of organization:													
	Corporate.....	25	24	23.8	190.9	19.2	38.4	145.2	811.8	841.6	1,608.7	151.7	112.5	176.8
	Noncorporate, total.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Individual.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>c</sup> .....	-	-	-	-	-	-	-	-	-	-	-	-	-
3339	Primary nonferrous metals, N.E.C., total.....	50	29	7.2	56.9	5.2	11.2	38.1	139.3	158.1	284.4	25.1	59.0	73.2
	Type of operation:													
	Multiunit companies, total.....	33	27	7.0	56.0	5.1	11.0	37.6	131.9	151.1	271.7	24.9	57.5	69.9
	Corporate ownership or control...	33	27	7.0	56.0	5.1	11.0	37.6	131.9	151.1	271.7	24.9	57.5	69.9
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	9	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Corporate ownership or control...	3	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership <sup>e</sup> .....	6	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>c</sup> .....	8	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Legal form of organization:													
	Corporate.....	36	29	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total <sup>e</sup> .....	6	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual <sup>e</sup> .....	6	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	8	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3341	Secondary nonferrous metals, total...	403	182	17.2	122.8	12.8	26.6	78.4	271.2	1,314.0	1,586.0	23.6	165.0	174.6
	Type of operation:													
	Multiunit companies, total.....	97	86	9.4	68.4	6.9	14.4	43.6	161.2	838.7	1,000.6	16.8	109.4	116.2
	Corporate ownership or control...	96	85	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	191	96	7.5	52.6	5.7	11.8	33.6	104.2	464.9	569.2	6.5	53.3	56.1
	Corporate ownership or control...	16	93	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	24	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	115	-	.3	1.8	.3	.4	1.2	5.8	10.4	16.2	.3	2.3	2.3
	Legal form of organization:													
	Corporate.....	263	178	16.6	119.0	12.3	25.6	75.7	262.7	1,271.9	1,534.7	23.2	160.2	170.4
	Noncorporate, total.....	25	4	.2	1.6	.2	.5	1.2	2.7	31.6	35.1	.1	2.5	1.8
	Individual.....	20	1	.1	.8	.1	.2	.6	1.4	15.7	17.1	(2)	1.0	1.0
	Partnership.....	5	3	.1	.7	.1	.3	.6	1.4	15.9	18.0	(D)	1.5	.8
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	115	-	.3	1.8	.3	.4	1.2	5.8	10.4	16.2	.3	2.3	2.3

See footnotes at end of table.



TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967-Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new <sup>2</sup> (million dollars)	Inventories end of-	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
3351	Copper rolling and drawing, total ...	125	108	40.3	293.9	32.2	64.5	219.0	704.4	1,658.2	2,391.1	68.0	311.4	276.3
	Type of operation:													
	Multiunit companies, total.....	83	82	37.4	271.3	30.0	59.9	203.2	656.5	1,563.8	2,246.6	63.6	291.9	259.9
	Corporate ownership or control...	83	82	37.4	271.3	30.0	59.9	203.2	656.5	1,563.8	2,246.6	63.6	291.9	259.9
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	32	26	2.8	22.1	2.2	4.5	15.5	46.8	92.7	141.8	4.4	19.2	16.1
	Corporate ownership or control...	31	26	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership <sup>e</sup> .....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	10	-	.1	.5	.1	.1	.3	1.0	1.7	2.7	.1	.3	.3
	Legal form of organization:													
	Corporate.....	114	108	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total <sup>e</sup> .....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual <sup>e</sup> .....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	10	-	.1	.5	.1	.1	.3	1.0	1.7	2.7	.1	.3	.3
3352	Aluminum rolling and drawing, total	218	163	61.5	479.4	48.7	101.0	354.9	938.7	2,057.9	2,958.9	155.6	618.3	668.1
	Type of operation:													
	Multiunit companies, total.....	126	115	57.5	453.6	45.4	94.2	337.0	886.1	1,962.9	2,812.4	151.9	603.0	651.7
	Corporate ownership or control...	126	115	57.5	453.6	45.4	94.2	337.0	886.1	1,962.9	2,812.4	151.9	603.0	651.7
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	70	48	4.0	25.4	3.2	6.8	17.6	51.8	93.8	144.6	3.7	14.9	16.0
	Corporate ownership or control...	63	48	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	7	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	22	-	.1	.4	.1	.1	.3	.7	1.2	1.9	.1	.4	.4
	Legal form of organization:													
	Corporate.....	189	163	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	7	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual <sup>e</sup> .....	7	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	22	-	.1	.4	.1	.1	.3	.7	1.2	1.9	.1	.4	.4
3356	Nonferrous rolling and drawing, N.E.C., total.....	142	74	21.3	163.5	14.8	30.9	100.4	351.7	637.2	984.0	58.1	256.8	261.1
	Type of operation:													
	Multiunit companies, total.....	70	56	19.6	151.1	13.6	28.4	93.3	326.5	560.4	882.7	55.4	245.2	248.6
	Corporate ownership or control...	70	56	19.6	151.1	13.6	28.4	93.3	326.5	560.4	882.7	55.4	245.2	248.6
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	53	18	1.6	12.2	1.2	2.4	6.9	24.3	75.3	98.9	2.7	11.3	12.0
	Corporate ownership or control...	48	18	1.6	11.9	1.1	2.3	6.7	23.1	74.2	96.8	2.6	11.1	11.7
	Noncorporate ownership.....	5	-	(Z)	.3	(Z)	.1	.2	1.2	1.0	2.1	.1	.2	.3
	Administrative records <sup>e</sup> .....	19	-	(Z)	.2	(Z)	.1	.2	.9	1.5	2.4	(Z)	.4	.4
	Legal form of organization:													
	Corporate.....	118	74	21.2	163.0	14.8	30.8	100.1	349.6	634.6	979.5	58.0	256.2	260.3
	Noncorporate, total.....	5	-	(Z)	.3	(Z)	.1	.2	1.2	1.0	2.1	.1	.2	.3
	Individual <sup>e</sup> .....	4	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	19	-	(Z)	.2	(Z)	.1	.2	.9	1.5	2.4	(Z)	.4	.4
3357	Nonferrous wire drawing, insulating, total .....	348	275	71.7	501.6	55.3	117.0	352.7	1,330.1	2,304.2	3,591.4	188.3	469.3	518.7
	Type of operation:													
	Multiunit companies, total.....	220	201	63.9	452.0	49.0	103.6	319.1	1,201.4	2,144.7	3,306.6	181.0	434.0	480.0
	Corporate ownership or control...	219	200	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	103	74	7.8	49.1	6.3	13.3	33.3	127.9	158.3	282.7	7.3	34.9	38.4
	Corporate ownership or control...	91	74	7.7	48.7	6.2	13.1	33.0	127.2	157.2	280.8	7.3	34.7	38.2
	Noncorporate ownership <sup>e</sup> .....	12	-	.1	.4	.1	.1	.3	.7	1.1	1.9	(Z)	.2	.2
	Administrative records <sup>e</sup> .....	25	-	.1	.4	.1	.1	.3	.8	1.3	2.1	(Z)	.3	.3
	Legal form of organization:													
	Corporate.....	310	274	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total <sup>e</sup> .....	13	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual <sup>e</sup> .....	12	1	.2	.8	.3	.3	.7	1.6	1.5	3.1	(Z)	.5	.5
	Partnership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	25	-	.1	.4	.1	.1	.3	.8	1.3	2.1	(Z)	.3	.3
3361	Aluminum castings, total .....	992	411	45.2	312.9	38.8	78.8	243.6	516.6	405.7	920.5	38.7	64.8	67.2
	Type of operation:													
	Multiunit companies, total.....	109	93	22.1	161.8	18.7	37.9	127.0	262.2	214.5	476.2	21.0	41.9	41.9
	Corporate ownership or control...	108	93	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	571	318	22.3	146.6	19.3	39.5	112.8	244.9	184.9	428.5	17.4	22.1	24.4
	Corporate ownership or control...	465	303	21.1	140.5	18.3	37.5	107.4	232.9	177.4	409.1	17.0	21.5	23.7
	Noncorporate ownership.....	106	15	1.1	6.1	1.0	2.0	5.4	12.0	7.5	19.4	.4	.6	.7
	Administrative records <sup>e</sup> .....	312	-	.8	4.4	.8	1.4	3.7	9.5	6.3	15.8	.3	.8	.8
	Legal form of organization:													
	Corporate.....	573	396	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	107	15	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual.....	80	6	.7	3.8	.7	1.3	3.4	7.2	4.0	11.2	.3	.4	.4
	Partnership.....	26	9	.4	2.2	.4	.7	2.0	4.7	3.5	8.2	.1	.2	.3
	Other.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	312	-	.8	4.4	.8	1.4	3.7	9.5	6.3	15.8	.3	.8	.8

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967-Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new <sup>2</sup>	Inventories end of-	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
3362	Brass, bronze, and copper castings, total.....	534	207	17.9	119.8	15.1	30.6	89.2	226.8	218.0	445.2	12.4	53.7	52.5
	Type of operation:													
	Multiunit companies, total.....	63	54	7.0	47.0	5.7	11.8	34.6	97.6	99.1	197.7	8.1	31.3	29.2
	Corporate ownership or control...	63	54	7.0	47.0	5.7	11.8	34.6	97.6	99.1	197.7	8.1	31.3	29.2
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	321	153	10.4	70.3	8.9	18.0	52.8	123.8	114.0	237.1	4.2	21.3	22.1
	Corporate ownership or control...	273	145	9.7	66.3	8.3	16.8	49.3	115.6	105.3	220.2	3.6	20.1	21.0
	Noncorporate ownership.....	48	8	.7	4.0	.7	1.3	3.5	8.2	8.6	16.9	.6	1.2	1.1
	Administrative records <sup>e</sup> .....	150	-	.4	2.4	.4	.8	1.8	5.5	4.9	10.4	.1	1.2	1.2
	Legal form of organization:													
	Corporate.....	336	199	16.7	113.3	14.0	28.5	83.9	213.2	204.4	417.9	11.7	51.3	50.2
	Noncorporate, total.....	48	8	.7	4.0	.7	1.3	3.5	8.2	8.6	16.9	.6	1.2	1.1
	Individual.....	32	3	.3	1.7	.3	.6	1.5	3.3	3.7	6.9	(D)	.3	.4
	Partnership.....	13	5	.3	2.0	.3	.6	1.7	4.4	4.2	8.7	(D)	.8	.7
	Other.....	3	-	.1	.3	(Z)	.1	.3	.5	.7	1.3	(D)	.1	.1
	Administrative records <sup>e</sup> .....	150	-	.4	2.4	.4	.8	1.8	5.5	4.9	10.4	.1	1.2	1.2
3369	Nonferrous castings, N.E.C., total...	360	180	26.6	176.7	22.1	45.0	131.2	324.1	233.0	556.3	18.2	51.1	51.7
	Type of operation:													
	Multiunit companies, total.....	53	50	15.9	108.9	12.9	26.4	80.6	200.3	128.7	338.2	10.7	37.2	37.6
	Corporate ownership or control...	53	50	15.9	108.9	12.9	26.4	80.6	200.3	128.7	338.2	10.7	37.2	37.6
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	217	130	10.5	66.5	9.0	18.3	49.6	120.9	102.1	223.1	7.3	13.6	13.8
	Corporate ownership or control...	190	122	10.0	63.5	8.6	17.4	47.1	113.9	97.7	211.7	6.4	12.9	13.1
	Noncorporate ownership.....	27	8	.5	3.0	.5	.9	2.5	7.0	4.5	11.4	1.0	.6	.7
	Administrative records <sup>e</sup> .....	90	-	.2	1.2	.2	.4	1.0	2.9	2.1	5.0	.2	.3	.3
	Legal form of organization:													
	Corporate.....	243	172	25.9	172.4	21.4	43.8	127.7	314.2	226.4	539.9	17.1	50.1	50.7
	Noncorporate, total.....	27	8	.5	3.0	.5	.9	2.5	7.0	4.5	11.4	1.0	.6	.7
	Individual.....	22	4	.2	1.4	.2	.4	1.1	3.1	1.4	4.5	.1	.2	.2
	Partnership.....	5	4	.3	1.6	.3	.5	1.4	3.9	3.1	6.9	.8	.5	.5
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	90	-	.2	1.2	.2	.4	1.0	2.9	2.1	5.0	.2	.3	.3
3391	Iron and steel forgings, total.....	272	189	41.2	345.9	33.4	67.2	265.6	607.4	657.2	1,261.6	45.0	211.3	200.1
	Type of operation:													
	Multiunit companies, total.....	94	90	30.6	258.3	24.6	49.6	199.9	436.9	477.9	912.5	35.4	165.1	156.3
	Corporate ownership or control...	94	90	30.6	258.3	24.6	49.6	199.9	436.9	477.9	912.5	35.4	165.1	156.3
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	151	99	10.5	87.2	8.7	17.5	65.4	169.6	178.5	347.5	9.5	45.9	43.6
	Corporate ownership or control...	132	98	10.4	86.4	8.6	17.3	64.7	168.2	177.3	344.8	9.4	45.8	43.4
	Noncorporate ownership.....	19	1	.1	.8	.1	.2	.7	1.5	1.2	2.7	(Z)	.2	.2
	Administrative records <sup>e</sup> .....	27	-	.1	.4	.1	.1	.3	.8	.8	1.6	(Z)	.2	.2
	Legal form of organization:													
	Corporate.....	226	188	41.0	344.7	33.2	66.9	264.6	605.1	655.2	1,257.3	44.9	210.9	199.7
	Noncorporate, total.....	19	1	.1	.8	.1	.2	.7	1.5	1.2	2.7	(Z)	.2	.2
	Individual.....	16	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	3	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	27	-	.1	.4	.1	.1	.3	.8	.8	1.6	(Z)	.2	.2
3392	Nonferrous forgings, total.....	41	31	10.1	87.5	7.4	16.5	61.4	154.4	178.0	333.1	32.4	69.4	72.2
	Type of operation:													
	Multiunit companies, total.....	17	17	9.0	79.1	6.6	14.6	55.4	133.1	165.8	299.6	31.2	65.6	68.5
	Corporate ownership or control...	17	17	9.0	79.1	6.6	14.6	55.4	133.1	165.8	299.6	31.2	65.6	68.5
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	20	14	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Corporate ownership or control...	18	14	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	4	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Legal form of organization:													
	Corporate.....	35	31	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	4	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3399	Primary metal products, N.E.C., total.....	959	371	24.7	179.4	19.7	41.4	124.5	370.2	211.0	578.5	35.0	41.4	46.3
	Type of operation:													
	Multiunit companies, total.....	189	125	10.4	76.9	8.2	17.0	54.3	168.1	134.8	300.8	17.8	30.7	33.6
	Corporate ownership or control...	186	123	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	3	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	548	246	13.8	99.2	11.1	23.5	67.9	194.5	73.3	267.1	15.0	9.0	10.9
	Corporate ownership or control...	462	235	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	86	11	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	222	-	.5	3.3	.5	.9	2.3	7.7	2.9	10.6	2.2	1.7	1.7
	Legal form of organization:													
	Corporate.....	648	358	23.2	169.3	18.3	38.8	116.9	343.9	203.4	544.7	31.5	39.1	43.9
	Noncorporate, total.....	89	13	1.0	6.8	.9	1.8	5.3	18.6	4.7	23.2	1.3	.6	.7
	Individual.....	70	6	.6	4.1	.5	1.0	3.1	8.3	2.1	10.4	.3	.3	.3
	Partnership.....	17	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	222	-	.5	3.3	.5	.9	2.3	7.7	2.9	10.6	2.2	1.7	1.7

See footnotes at end of table.



TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967—Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new <sup>2</sup>	Inventories end of—	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
34	Fabricated metal products, total....	27,418	10,742	1,341.8	9,319.5	1,055.8	2,160.9	6,541.6	18,042.6	16,704.9	34,577.8	1,118.4	5,429.9	5,654.4
	Type of operation:													
	Multiunit companies, total.....	4,200	3,541	813.1	5,853.9	629.5	1,292.3	4,140.6	11,784.3	11,628.6	23,291.1	800.0	4,109.9	4,270.4
	Corporate ownership or control...	4,149	3,506	808.1	5,819.2	625.8	1,284.6	4,117.2	11,721.5	11,574.7	23,175.1	797.5	4,086.9	4,248.2
	Noncorporate ownership.....	51	35	5.0	34.7	3.7	7.7	23.5	62.8	53.8	116.0	2.5	23.0	22.1
	Single unit companies, total.....	14,304	7,193	507.1	3,349.8	406.1	834.6	2,316.7	6,000.2	4,892.9	10,845.3	311.4	1,266.2	1,330.3
	Corporate ownership or control...	11,804	6,859	478.9	3,186.1	381.6	786.9	2,185.7	5,684.2	4,673.6	10,312.3	299.1	1,224.2	1,284.6
	Noncorporate ownership.....	2,500	334	28.2	163.8	24.5	47.6	131.1	315.9	219.3	533.0	12.4	42.1	45.7
	Administrative records <sup>6</sup> .....	8,914	8	21.3	115.6	21.2	34.2	84.3	258.0	183.4	441.4	7.0	53.7	53.7
	Legal form of organization:													
	Corporate.....	15,953	10,365	1,287.0	9,005.3	1,007.4	2,071.6	6,302.8	17,405.8	16,248.3	33,487.4	1,096.6	5,311.1	5,532.9
	Noncorporate, total.....	2,551	369	33.2	198.5	28.2	55.3	154.6	378.7	273.2	649.0	14.9	65.1	67.8
	Individual.....	1,999	144	19.2	113.6	16.3	31.2	86.1	211.3	143.5	353.7	8.1	33.8	36.0
	Partnership.....	515	204	12.3	73.8	10.6	21.8	61.0	149.7	107.9	256.5	5.6	25.7	25.8
	Other.....	37	21	1.6	11.0	1.2	2.3	7.4	17.7	21.7	38.8	1.2	5.5	6.0
	Administrative records <sup>6</sup> .....	8,914	8	21.3	115.6	21.2	34.2	84.3	258.0	183.4	441.4	7.0	53.7	53.7
3411	Metal cans, total.....	299	241	60.3	474.4	52.3	112.7	393.3	1,141.5	1,786.2	2,890.6	99.2	390.6	449.6
	Type of operation:													
	Multiunit companies, total.....	242	209	57.4	456.9	49.9	107.8	380.5	1,107.6	1,748.2	2,818.7	97.6	380.4	439.2
	Corporate ownership or control...	242	209	57.4	456.9	49.9	107.8	380.5	1,107.6	1,748.2	2,818.7	97.6	380.4	439.2
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	41	32	2.8	17.3	2.4	4.8	12.6	33.2	37.0	70.2	1.5	9.9	10.2
	Corporate ownership or control...	39	31	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>6</sup> .....	16	-	(Z)	.2	(Z)	.1	.2	.7	1.0	1.7	.1	.3	.3
	Legal form of organization:													
	Corporate.....	281	240	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual.....	1	-	-	-	-	-	-	-	-	-	(D)	-	-
	Partnership.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>6</sup> .....	16	-	(Z)	.2	(Z)	.1	.2	.7	1.0	1.7	.1	.3	.3
3421	Cutlery, total.....	146	69	13.0	80.2	10.4	20.5	54.5	276.3	104.9	378.5	11.5	60.2	62.8
	Type of operation:													
	Multiunit companies, total.....	29	26	9.4	60.5	7.3	14.3	39.7	239.0	82.0	319.2	10.3	50.1	51.7
	Corporate ownership or control...	29	26	9.4	60.5	7.3	14.3	39.7	239.0	82.0	319.2	10.3	50.1	51.7
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	76	43	3.5	19.1	3.0	6.0	14.4	36.1	22.3	57.6	1.2	9.8	10.8
	Corporate ownership or control...	60	41	3.3	18.3	2.9	5.7	13.7	34.5	21.4	55.0	1.2	9.4	10.4
	Noncorporate ownership.....	16	2	.2	.9	.2	.3	.7	1.6	1.0	2.6	(Z)	.4	.4
	Administrative records <sup>6</sup> .....	41	-	.1	.5	.1	.2	.4	1.2	.6	1.7	(Z)	.3	.3
	Legal form of organization:													
	Corporate.....	89	67	12.7	78.8	10.2	20.1	53.4	273.5	103.3	374.2	11.5	59.5	62.1
	Noncorporate, total.....	16	2	.2	.9	.2	.3	.7	1.6	1.0	2.6	(Z)	.4	.4
	Individual.....	8	-	.1	.3	.1	.1	.3	.7	.5	1.2	(Z)	.1	.1
	Partnership.....	8	2	.1	.5	.1	.2	.5	.9	.5	1.4	(Z)	.3	.3
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>6</sup> .....	41	-	.1	.5	.1	.2	.4	1.2	.6	1.7	(Z)	.3	.3
3423	Hand and edge tools, nec, total....	667	252	35.9	232.9	28.7	57.9	165.8	509.4	311.9	813.5	23.3	166.3	177.5
	Type of operation:													
	Multiunit companies, total.....	110	104	22.0	146.4	17.3	35.2	104.9	340.2	209.4	544.9	16.0	122.1	128.9
	Corporate ownership or control...	109	104	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	306	148	13.3	83.6	10.8	21.8	58.8	162.4	98.5	257.8	7.3	42.1	46.5
	Corporate ownership or control...	255	143	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	51	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>6</sup> .....	251	-	.6	2.8	.6	.9	2.0	6.8	4.0	10.9	.1	2.1	2.1
	Legal form of organization:													
	Corporate.....	364	247	34.8	227.6	27.7	56.1	161.9	497.6	304.5	794.5	23.1	163.0	173.9
	Noncorporate, total.....	52	5	.5	2.4	.4	.9	1.9	5.0	3.4	8.2	.1	1.3	1.5
	Individual.....	42	2	.2	1.2	.2	.4	.9	2.5	1.6	4.0	.1	.5	.7
	Partnership.....	10	3	.3	1.2	.2	.5	1.0	2.5	1.8	4.2	(Z)	.7	.8
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>6</sup> .....	251	-	.6	2.8	.6	.9	2.0	6.8	4.0	10.9	.1	2.1	2.1
3425	Handsaws and saw blades, total.....	85	49	6.3	43.4	4.8	10.1	29.5	97.1	58.3	154.3	3.9	33.9	35.0
	Type of operation:													
	Multiunit companies, total.....	23	23	4.1	29.6	3.1	6.7	20.3	64.9	40.1	104.7	2.9	23.9	24.9
	Corporate ownership or control...	23	23	4.1	29.6	3.1	6.7	20.3	64.9	40.1	104.7	2.9	23.9	24.9
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	45	26	2.1	13.6	1.6	3.3	9.0	28.2	16.0	43.5	(D)	8.9	8.8
	Corporate ownership or control...	39	25	2.0	13.1	1.6	3.2	8.7	27.4	15.0	41.6	(D)	8.6	8.8
	Noncorporate ownership.....	6	1	.1	.4	.1	.1	.3	.9	1.0	1.9	(D)	.2	.1
	Administrative records <sup>6</sup> .....	17	-	.1	.3	.1	.1	.2	4.0	2.1	6.1	(D)	1.2	1.2
	Legal form of organization:													
	Corporate.....	62	48	6.1	42.7	4.7	9.9	28.9	92.3	55.1	146.4	(D)	32.5	33.7
	Noncorporate, total.....	6	1	.1	(D)	.1	.1	.3	.9	1.0	1.9	(D)	.2	.1
	Individual.....	5	1	(D)	(D)	(Z)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>6</sup> .....	17	-	.1	.3	.1	.1	.2	4.0	2.1	6.1	(D)	1.2	1.2

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967—Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new <sup>2</sup>	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1966	1967
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
3429	Hardware, N.E.C., total .....	1,041	484	100.8	686.7	79.1	171.4	492.4	1,435.5	954.5	2,368.3	81.3	370.6	389.5
	Type of operation:													
	Multiunit companies, total.....	202	178	72.9	517.2	57.3	115.8	376.0	1,109.2	715.8	1,807.1	64.5	284.4	298.9
	Corporate ownership or control...	200	176	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	511	306	27.2	165.3	21.9	54.4	113.4	316.9	231.3	544.4	16.5	83.2	87.6
	Corporate ownership or control...	450	293	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	61	13	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>6</sup> .....	328	-	.8	4.1	.8	1.2	3.0	9.3	7.4	16.8	.3	3.0	3.0
	Legal form of organization:													
	Corporate.....	649	469	98.7	675.0	78.0	167.7	483.7	1,410.0	936.3	2,324.8	80.4	364.9	383.7
	Noncorporate, total.....	63	15	1.4	7.5	1.2	2.4	5.7	16.1	10.7	26.8	.6	2.7	2.8
	Individual.....	48	5	.7	3.3	.6	1.2	2.5	6.8	5.9	12.8	.2	.9	1.0
	Partnership.....	15	10	.7	4.2	.6	1.2	3.2	9.3	4.8	14.0	.4	1.8	1.8
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>6</sup> .....	328	-	.8	4.1	.8	1.2	3.0	9.3	7.4	16.8	.3	3.0	3.0
3431	Metal sanitary ware, total .....	91	51	10.1	71.3	8.1	16.4	53.5	140.6	109.3	251.2	7.6	44.4	43.0
	Type of operation:													
	Multiunit companies, total.....	28	26	8.4	60.5	6.8	13.8	46.0	116.9	88.4	206.6	6.7	38.9	37.5
	Corporate ownership or control...	27	25	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	47	25	1.6	10.6	1.3	2.6	7.4	23.3	20.5	43.9	1.0	5.4	5.4
	Corporate ownership or control...	40	24	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	7	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>6</sup> .....	16	-	(Z)	.2	(Z)	(Z)	.1	.4	.3	.7	(Z)	.1	.1
	Legal form of organization:													
	Corporate.....	67	49	10.0	70.4	8.0	16.2	53.0	138.5	107.4	247.4	7.6	44.0	42.5
	Noncorporate, total.....	8	2	.1	.7	.1	.2	.4	1.7	1.5	3.1	.1	.3	.4
	Individual.....	7	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>6</sup> .....	16	-	(Z)	.2	(Z)	(Z)	.1	.4	.3	.7	(Z)	.1	.1
3432	Plumbing fittings and brass goods, total .....	214	90	14.5	92.6	11.4	22.8	64.2	183.3	217.9	404.7	8.2	96.4	90.5
	Type of operation:													
	Multiunit companies, total.....	35	33	9.6	63.2	7.4	15.0	44.2	127.8	138.4	269.6	6.5	71.6	66.9
	Corporate ownership or control...	35	33	9.6	63.2	7.4	15.0	44.2	127.8	138.4	269.6	6.5	71.6	66.9
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	97	57	4.7	28.4	3.8	7.6	19.3	53.4	77.0	130.4	1.6	24.1	22.9
	Corporate ownership or control...	88	55	4.6	27.7	3.7	7.3	18.8	51.5	74.7	126.2	1.5	23.5	22.5
	Noncorporate ownership.....	9	2	.1	.7	.1	.2	.5	1.8	2.3	4.2	.1	.5	.5
	Administrative records <sup>6</sup> .....	82	-	.2	1.0	.2	.3	.7	2.2	2.4	4.7	(Z)	.7	.7
	Legal form of organization:													
	Corporate.....	123	88	14.2	90.9	11.1	22.3	63.0	179.3	213.1	395.8	8.1	95.1	89.3
	Noncorporate, total.....	9	2	.1	.7	.1	.2	.5	1.8	2.3	4.2	.1	.5	.5
	Individual.....	7	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>6</sup> .....	82	-	.2	1.0	.2	.3	.7	2.2	2.4	4.7	(Z)	.7	.7
3433	Heating equipment, except electric, total .....	533	248	40.6	264.0	29.0	57.5	160.7	547.9	2526.8	1,069.0	31.3	223.2	236.2
	Type of operation:													
	Multiunit companies, total.....	132	120	29.2	189.7	20.7	41.2	116.6	498.3	380.7	785.9	19.1	179.0	186.9
	Corporate ownership or control...	130	118	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	240	128	10.9	72.1	7.9	15.8	42.7	135.2	141.7	274.3	12.1	42.4	47.6
	Corporate ownership or control...	210	125	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	30	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>6</sup> .....	161	-	.4	2.2	.4	.6	1.4	4.5	4.3	8.8	.1	1.8	1.8
	Legal form of organization:													
	Corporate.....	340	243	39.5	258.4	28.0	55.9	156.6	536.2	515.0	1,045.9	31.0	218.4	231.3
	Noncorporate, total.....	32	5	.6	3.4	.5	1.0	2.6	7.3	7.4	14.3	.2	3.0	3.1
	Individual.....	25	1	.3	1.7	.2	.4	1.2	3.3	2.8	6.1	.1	1.2	1.1
	Partnership.....	6	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>6</sup> .....	161	-	.4	2.2	.4	.6	1.4	4.5	4.3	8.8	.1	1.8	1.8
3441	Fabricated structural steel, total ..	1,960	1,035	107.5	773.6	80.1	163.6	509.9	1,319.3	1,624.6	2,967.8	76.6	639.8	599.8
	Type of operation:													
	Multiunit companies, total.....	303	268	55.1	393.0	40.8	83.9	263.1	655.7	891.7	1,576.9	48.2	460.9	416.5
	Corporate ownership or control...	300	267	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	3	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	1,389	767	51.7	376.2	38.7	78.7	243.8	654.2	723.2	1,371.8	28.2	176.1	180.4
	Corporate ownership or control...	1,194	740	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	195	27	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>6</sup> .....	268	-	.7	4.3	.6	1.0	3.0	9.5	9.7	19.1	.2	2.8	2.8
	Legal form of organization:													
	Corporate.....	1,494	1,007	103.9	749.0	77.1	158.1	492.1	1,273.6	1,579.3	2,877.3	75.5	630.5	589.5
	Noncorporate, total.....	198	28	3.0	20.2	9.6	4.5	14.8	36.2	35.6	71.3	.9	6.5	7.5
	Individual.....	157	11	1.5	9.0	1.2	2.3	6.8	18.3	14.7	32.9	.5	2.2	2.5
	Partnership.....	35	15	1.0	6.8	.8	1.6	5.3	11.9	10.2	22.2	.2	2.1	2.2
	Other.....	6	2	.5	4.4	1.4	.6	2.7	6.0	10.7	16.3	.2	2.2	2.8
	Administrative records <sup>6</sup> .....	268	-	.7	4.3	.6	1.0	3.0	9.5	9.7	19.1	.2	2.8	2.8

See footnotes at end of table.



TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967—Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new <sup>2</sup> (million dollars)	Inventories end of—	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
3442	Metal doors, sash and trim, total....	1,646	597	63.9	378.5	47.9	94.8	235.7	651.1	764.6	1,413.6	24.3	205.9	208.9
	Type of operation:													
	Multiunit companies, total.....	286	222	34.8	209.4	25.8	52.1	129.3	357.3	443.9	800.4	16.5	131.4	132.3
	Corporate ownership or control...	282	221	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	4	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	784	375	27.7	161.6	20.7	40.5	101.6	277.8	300.7	577.2	7.5	70.0	72.1
	Corporate ownership or control...	663	365	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership <sup>e</sup> .....	121	10	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	576	-	1.4	7.5	1.4	2.1	4.8	16.0	20.0	36.0	.3	4.6	4.6
	Legal form of organization:													
	Corporate.....	945	586	61.4	365.5	45.6	90.9	227.0	624.7	733.0	1,355.7	23.6	199.0	201.9
	Noncorporate, total <sup>e</sup> .....	125	11	1.1	5.5	.9	1.8	3.9	10.4	11.6	22.0	.4	2.3	2.4
	Individual <sup>e</sup> .....	110	5	.7	3.6	.6	1.2	2.4	6.3	7.9	14.3	.3	1.7	1.6
	Partnership.....	13	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	576	-	1.4	7.5	1.4	2.1	4.8	16.0	20.0	36.0	.3	4.6	4.6
3443	Fabricated platework (boiler shops), total.....	1,465	784	96.4	700.4	73.1	150.4	477.5	1,393.4	1,303.9	2,688.5	81.9	488.8	510.6
	Type of operation:													
	Multiunit companies, total.....	325	285	65.1	474.4	48.3	99.8	319.9	1,021.9	948.8	1,959.5	65.1	388.4	412.2
	Corporate ownership or control...	317	278	63.9	466.2	47.3	97.8	313.9	1,008.7	936.1	1,933.4	64.7	380.3	405.8
	Noncorporate ownership.....	8	7	1.2	8.2	.9	2.0	6.0	13.2	12.7	26.0	.4	8.1	6.4
	Single unit companies, total.....	880	499	30.8	222.6	24.3	49.8	155.3	363.9	347.9	714.0	16.5	98.3	96.3
	Corporate ownership or control...	734	479	28.9	211.1	22.6	46.7	146.1	342.2	330.8	675.6	15.8	95.1	92.5
	Noncorporate ownership.....	146	20	1.9	11.5	1.6	3.0	9.2	21.7	17.0	38.5	.8	3.2	3.9
	Administrative records <sup>e</sup> .....	260	-	.5	3.4	.5	.9	2.3	7.7	7.3	15.0	.3	2.1	2.1
	Legal form of organization:													
	Corporate.....	1,051	757	92.8	677.3	70.0	144.5	460.0	1,350.8	1,266.9	2,609.0	80.5	475.4	498.3
	Noncorporate, total.....	154	27	3.1	19.6	2.5	5.0	15.2	34.9	29.7	64.5	1.2	11.3	10.2
	Individual <sup>e</sup> .....	118	11	2.1	13.6	1.7	3.3	10.0	23.0	17.6	40.2	.7	5.0	5.6
	Partnership.....	34	14	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	260	-	.5	3.4	.5	.9	2.3	7.7	7.3	15.0	.3	2.1	2.1
3444	Sheet metalwork, total.....	3,054	811	68.1	490.7	52.9	105.8	336.0	889.3	927.5	1,812.4	44.4	246.6	254.2
	Type of operation:													
	Multiunit companies, total.....	285	199	24.7	180.4	17.9	36.6	116.1	347.8	482.3	827.6	23.1	138.9	143.4
	Corporate ownership or control...	280	197	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	5	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	1,483	612	40.6	294.2	32.2	64.7	208.4	505.1	416.5	919.8	20.1	98.0	101.1
	Corporate ownership or control...	1,145	582	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	338	30	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	1,286	-	2.8	16.2	2.8	4.5	11.5	36.4	28.6	65.0	1.1	9.7	9.7
	Legal form of organization:													
	Corporate.....	1,425	779	61.8	451.9	47.1	95.6	306.3	813.9	869.2	1,678.9	41.5	230.1	237.6
	Noncorporate, total.....	343	32	3.4	22.7	3.0	5.7	18.2	39.0	29.6	68.4	1.8	6.7	6.8
	Individual <sup>e</sup> .....	285	16	2.3	15.1	2.0	3.8	11.9	26.3	18.0	44.2	1.0	3.8	4.0
	Partnership.....	56	15	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	1,286	-	2.8	16.2	2.8	4.5	11.5	36.4	28.6	65.0	1.1	9.7	9.7
3446	Architectural metalwork, total.....	1,377	198	19.3	123.0	15.4	29.5	81.5	232.6	254.6	484.9	7.4	56.7	60.0
	Type of operation:													
	Multiunit companies, total.....	60	50	7.8	51.1	6.0	11.7	33.6	102.1	159.3	260.4	4.4	34.1	35.6
	Corporate ownership or control...	60	50	7.8	51.1	6.0	11.7	33.6	102.1	159.3	260.4	4.4	34.1	35.6
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	463	148	9.6	62.6	7.5	14.7	41.4	109.5	80.4	188.5	2.8	18.3	20.2
	Corporate ownership or control...	307	144	8.8	57.8	6.7	13.2	37.6	100.4	73.8	172.9	2.6	17.1	18.9
	Noncorporate ownership.....	156	4	.9	4.8	.8	1.5	3.8	9.1	6.6	15.6	.2	1.2	1.2
	Administrative records <sup>e</sup> .....	854	-	1.9	9.3	1.9	3.0	6.5	21.0	14.9	35.9	.2	4.3	4.3
	Legal form of organization:													
	Corporate.....	367	194	16.5	108.9	12.7	25.0	71.2	202.5	233.1	433.3	7.0	51.2	54.5
	Noncorporate, total.....	156	4	.9	4.8	.8	1.5	3.8	9.1	6.6	15.6	.2	1.2	1.2
	Individual <sup>e</sup> .....	135	-	.6	3.5	.6	1.1	2.7	6.4	4.4	10.8	(D)	.9	.9
	Partnership.....	19	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	854	-	1.9	9.3	1.9	3.0	6.5	21.0	14.9	35.9	.2	4.3	4.3
3449	Miscellaneous metalwork, total.....	649	280	32.7	220.7	23.2	47.4	137.4	448.6	637.2	1,082.0	23.0	179.0	181.9
	Type of operation:													
	Multiunit companies, total.....	138	122	19.2	132.2	13.4	27.2	82.2	286.6	435.2	719.0	15.9	133.0	134.7
	Corporate ownership or control...	138	122	19.2	132.2	13.4	27.2	82.2	286.6	435.2	719.0	15.9	133.0	134.7
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	308	158	13.0	86.1	9.4	19.5	53.7	156.7	196.6	352.2	7.0	44.4	45.6
	Corporate ownership or control...	230	154	12.4	83.1	9.0	18.6	51.6	151.8	191.0	342.0	6.9	43.3	44.2
	Noncorporate ownership <sup>e</sup> .....	78	4	.6	3.0	.5	.9	2.1	4.8	5.6	10.2	.1	1.1	1.3
	Administrative records <sup>e</sup> .....	203	-	.4	2.4	.4	.7	1.5	5.3	5.5	10.7	.1	1.6	1.6
	Legal form of organization:													
	Corporate.....	368	276	31.6	215.2	22.3	45.8	133.8	438.5	626.2	1,061.0	22.8	176.3	179.0
	Noncorporate, total <sup>e</sup> .....	78	4	.6	3.0	.5	.9	2.1	4.8	5.6	10.2	.1	1.1	1.3
	Individual <sup>e</sup> .....	72	2	.4	2.0	.3	.6	1.3	3.7	4.5	8.0	.1	.9	1.1
	Partnership.....	6	2	.2	1.0	.1	.3	.8	1.1	1.1	2.2	(Z)	.2	.2
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	203	-	.4	2.4	.4	.7	1.5	5.3	5.5	10.7	.1	1.6	1.6

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967-Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new <sup>2</sup>	Inventories end of-	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1966	1967
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
3451	Screw machine products, total.....	1,874	681	49.0	349.1	41.5	88.2	258.5	641.5	386.2	1,021.5	49.7	90.7	93.6
	Type of operation:													
	Multiunit companies, total.....	95	81	9.8	72.1	8.1	17.1	52.3	129.9	87.9	216.1	10.8	27.4	26.9
	Corporate ownership or control...	92	79	9.7	71.6	8.0	17.0	51.8	129.0	87.5	214.7	10.7	27.3	26.8
	Noncorporate ownership.....	3	2	.1	.5	.1	.2	.5	.9	.5	1.3	(2)	.1	.1
	Single unit companies, total.....	1,222	600	37.8	268.8	32.1	68.7	199.7	491.2	287.2	774.0	38.2	60.8	64.2
	Corporate ownership or control...	1,004	560	35.1	252.1	29.6	63.6	185.2	454.1	269.1	718.8	36.1	57.4	60.9
	Noncorporate ownership.....	218	40	2.7	16.7	2.5	5.1	14.5	37.1	18.2	55.2	2.1	3.4	3.2
	Administrative records <sup>e</sup> .....	557	-	1.3	8.1	1.3	2.4	6.5	20.4	11.0	31.3	.7	2.5	2.5
	Legal form of organization:													
	Corporate.....	1,096	639	44.8	323.7	37.6	80.5	237.0	583.1	356.6	933.6	46.8	84.7	87.7
	Noncorporate, total.....	221	42	2.9	17.2	2.6	5.3	15.0	38.0	18.6	56.5	2.2	3.5	3.3
	Individual.....	155	13	1.4	8.0	1.3	2.5	6.9	16.6	7.1	23.7	.9	1.0	1.2
	Partnership.....	63	28	1.4	8.9	1.3	2.7	7.9	20.8	11.0	31.8	1.1	2.4	2.1
	Other.....	3	1	.1	.3	(2)	.1	.2	.6	.5	1.1	.1	(2)	(2)
	Administrative records <sup>e</sup> .....	557	-	1.3	8.1	1.3	2.4	6.5	20.4	11.0	31.3	.7	2.5	2.5
3452	Bolts, nuts, rivets, and washers, total.....	662	392	67.2	498.1	52.2	108.5	347.2	979.4	690.1	1,643.9	70.7	294.1	320.8
	Type of operation:													
	Multiunit companies, total.....	192	171	50.1	374.5	38.5	80.2	263.0	737.2	501.2	1,216.7	53.2	236.8	259.0
	Corporate ownership or control...	192	171	50.1	374.5	38.5	80.2	263.0	737.2	501.2	1,216.7	53.2	236.8	259.0
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	365	221	16.9	121.9	13.4	27.9	83.0	238.6	185.9	420.5	17.3	56.3	60.8
	Corporate ownership or control...	308	211	16.2	117.7	12.9	26.9	79.7	229.3	178.7	404.0	16.6	54.6	58.9
	Noncorporate ownership.....	57	10	.6	4.2	.6	1.0	3.3	9.3	7.3	16.5	.7	1.7	1.9
	Administrative records <sup>e</sup> .....	105	-	.2	1.6	.2	.4	1.1	3.6	3.0	6.6	.3	1.0	1.0
	Legal form of organization:													
	Corporate.....	500	382	66.3	492.3	51.4	107.1	342.8	966.5	679.8	1,620.8	69.8	291.4	317.9
	Noncorporate, total.....	57	10	.6	4.2	.6	1.0	3.3	9.3	7.3	16.5	.7	1.7	1.9
	Individual.....	44	5	.4	2.5	.3	.6	1.9	4.7	3.3	7.9	.5	.7	.7
	Partnership.....	11	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	105	-	.2	1.6	.2	.4	1.1	3.6	3.0	6.6	.3	1.0	1.0
3461	Metal stampings, total .....	2,710	1,351	225.9	1,685.5	187.0	379.8	1,272.4	3,030.8	2,874.7	5,893.7	195.8	684.1	705.3
	Type of operation:													
	Multiunit companies, total.....	443	398	155.4	1,220.9	128.1	260.1	940.6	2,201.7	2,209.2	4,404.6	146.7	543.0	557.6
	Corporate ownership or control...	441	396	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	1,643	953	69.0	455.6	57.3	117.2	325.2	810.1	652.3	1,456.8	48.6	137.9	144.4
	Corporate ownership or control...	1,445	914	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	198	39	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	624	-	1.6	9.0	1.6	2.6	6.7	19.0	13.3	32.3	.5	3.2	3.2
	Legal form of organization:													
	Corporate.....	1,886	1,310	221.3	1,658.1	182.7	372.2	1,251.1	2,976.8	2,832.7	5,798.0	193.9	676.3	697.2
	Noncorporate, total.....	200	41	3.1	18.5	2.7	5.1	14.6	34.9	28.7	63.4	1.4	4.6	4.9
	Individual.....	143	16	1.6	9.6	1.4	2.7	7.4	17.2	11.7	28.7	.8	2.2	2.3
	Partnership.....	53	21	1.2	7.1	1.1	2.0	6.0	15.3	13.9	29.1	.5	1.9	2.2
	Other.....	4	4	.3	1.7	.2	.4	1.2	2.5	3.1	5.6	.1	.5	.4
	Administrative records <sup>e</sup> .....	624	-	1.6	9.0	1.6	2.6	6.7	19.0	13.3	32.3	.5	3.2	3.2
3471	Plating and polishing, total .....	3,241	855	55.1	323.2	46.8	92.5	239.1	574.8	218.1	791.1	33.1	30.6	36.9
	Type of operation:													
	Multiunit companies, total.....	197	138	10.6	63.9	8.4	17.1	43.6	127.5	56.9	183.9	10.5	11.4	12.8
	Corporate ownership or control...	192	135	10.3	62.2	8.2	16.6	42.5	124.7	56.2	180.3	10.4	11.3	12.7
	Noncorporate ownership.....	5	3	.3	1.7	.2	.5	1.1	2.8	.7	3.5	(2)	.1	.1
	Single unit companies, total.....	1,660	717	40.9	240.3	34.7	69.3	180.2	409.3	148.9	557.0	21.5	17.2	22.1
	Corporate ownership or control...	1,321	655	36.7	217.7	31.0	61.9	161.2	366.4	136.1	501.4	19.8	16.0	20.5
	Noncorporate ownership.....	339	62	4.2	22.6	3.8	7.4	19.0	43.0	12.8	55.6	1.7	1.2	1.6
	Administrative records <sup>e</sup> .....	1,384	-	3.7	19.0	3.6	6.1	15.4	37.9	12.3	50.2	1.1	2.0	2.0
	Legal form of organization:													
	Corporate.....	1,513	790	47.0	279.9	39.1	78.5	203.7	491.1	192.3	681.7	30.2	27.3	33.2
	Noncorporate, total.....	344	65	4.5	24.3	4.0	7.9	20.1	45.8	13.5	59.2	1.7	1.3	1.7
	Individual.....	247	24	2.4	12.3	2.1	4.0	10.2	21.8	6.4	28.2	.8	.6	.7
	Partnership.....	92	38	2.0	11.2	1.8	3.7	9.4	22.8	6.9	29.6	.9	.7	1.0
	Other.....	5	3	.1	.8	.1	.2	.5	1.2	.2	1.4	(2)	(2)	(2)
	Administrative records <sup>e</sup> .....	1,384	-	3.7	19.0	3.6	6.1	15.4	37.9	12.3	50.2	1.1	2.0	2.0
3479	Metal coating and allied services, total .....	1,443	349	26.2	158.2	22.2	44.9	116.9	289.6	185.4	471.3	22.0	33.7	36.7
	Type of operation:													
	Multiunit companies, total.....	130	100	9.1	58.7	7.5	16.2	44.5	117.7	111.8	226.6	13.2	22.9	24.4
	Corporate ownership or control...	128	99	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	652	249	15.5	91.5	13.1	26.1	66.6	153.8	66.7	219.8	8.5	9.3	10.9
	Corporate ownership or control...	497	233	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	155	16	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	661	-	1.6	8.0	1.6	2.7	5.9	18.0	6.9	24.8	.3	1.5	1.5
	Legal form of organization:													
	Corporate.....	625	332	23.1	142.8	19.3	39.8	105.0	257.6	172.8	426.9	21.2	31.6	34.5
	Noncorporate, total.....	157	17	1.4	7.4	1.3	2.4	6.0	13.9	5.7	19.6	.5	.6	.7
	Individual.....	134	10	.9	4.2	.8	1.5	3.4	8.0	2.4	10.3	.3	.3	.3
	Partnership.....	22	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	661	-	1.6	8.0	1.6	2.7	5.9	18.0	6.9	24.8	.3	1.5	1.5

See footnotes at end of table.



TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967—Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new <sup>a</sup> (million dollars)	Inventories end of—	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
3481	Miscellaneous fabricated wire products, total.....	1,550	613	60.2	364.0	49.3	99.0	257.2	669.5	553.0	1,220.4	37.8	168.4	171.9
	Type of operation:													
	Multiunit companies, total.....	269	216	29.4	184.7	23.5	47.5	128.1	354.2	312.9	668.0	23.2	111.6	110.5
	Corporate ownership or control...	261	210	29.0	183.1	23.1	46.7	126.9	350.8	310.8	662.6	23.2	110.9	109.6
	Noncorporate ownership.....	8	6	.4	1.7	.3	.7	1.3	3.5	2.1	5.4	(Z)	.7	.9
	Single unit companies, total.....	748	397	29.4	172.3	24.5	49.4	123.8	300.3	228.1	525.5	14.1	53.6	58.1
	Corporate ownership or control...	624	377	28.0	164.9	23.3	47.0	118.1	286.2	217.4	500.7	13.6	51.6	56.0
	Noncorporate ownership.....	124	20	1.4	7.4	1.2	2.3	5.7	14.1	10.7	24.8	.5	2.0	2.2
	Administrative records <sup>e</sup> .....	533	-	1.4	6.9	1.4	2.2	5.3	14.9	12.0	27.0	.5	3.2	3.2
	Legal form of organization:													
	Corporate.....	885	587	57.0	347.9	46.4	93.8	245.0	636.9	528.2	1,163.3	36.8	162.5	165.6
	Noncorporate, total.....	132	26	1.8	9.1	1.6	3.1	7.0	17.6	12.8	30.2	.5	2.7	3.1
	Individual <sup>e</sup> .....	103	10	1.0	4.7	.9	1.6	3.6	8.2	6.4	14.6	.3	1.3	1.3
	Partnership.....	26	13	.7	3.6	.6	1.2	2.8	7.8	5.4	12.9	.2	1.2	1.5
	Other.....	3	3	.2	.8	.1	.3	.6	1.6	1.0	2.7	(Z)	.2	.2
	Administrative records <sup>e</sup> .....	533	-	1.4	6.9	1.4	2.2	5.3	14.9	12.0	27.0	.5	3.2	3.2
3491	Metal barrels, drums, and pails, total.....	149	96	11.6	83.5	9.1	19.4	59.9	150.6	221.5	370.7	15.0	53.4	57.1
	Type of operation:													
	Multiunit companies, total.....	87	65	8.7	63.2	6.8	14.5	45.4	113.2	171.0	282.8	12.8	41.5	45.7
	Corporate ownership or control...	86	64	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	44	31	2.8	20.0	2.3	4.8	14.3	37.0	49.8	86.9	2.1	11.7	11.2
	Corporate ownership or control...	39	31	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership <sup>e</sup> .....	5	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	18	-	(Z)	.3	(Z)	.1	.2	.4	.7	1.1	(Z)	.2	.2
	Legal form of organization:													
	Corporate.....	125	95	11.5	82.9	9.0	19.3	59.5	149.7	220.0	368.3	14.9	53.0	56.7
	Noncorporate, total.....	6	1	.1	.3	.2	.1	.2	.5	.9	1.3	.1	.2	.2
	Individual <sup>e</sup> .....	4	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	18	-	(Z)	.3	(Z)	.1	.2	.4	.7	1.1	(Z)	.2	.2
3492	Safes and vaults, total.....	32	18	3.8	26.6	2.6	4.9	16.4	67.1	33.5	98.7	3.1	19.6	21.4
	Type of operation:													
	Multiunit companies, total.....	9	8	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Corporate ownership or control...	9	8	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	17	10	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Corporate ownership or control...	14	9	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	3	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	6	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Legal form of organization:													
	Corporate.....	23	17	3.8	26.5	2.5	4.9	16.2	66.5	33.4	97.9	3.1	19.5	21.4
	Noncorporate, total.....	3	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual <sup>e</sup> .....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	6	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3493	Steel springs, total.....	114	61	7.7	53.9	6.2	12.6	39.8	92.0	100.4	192.4	6.3	29.8	30.0
	Type of operation:													
	Multiunit companies, total.....	31	28	5.4	37.6	4.4	8.8	28.4	62.0	74.3	136.4	4.7	22.5	23.0
	Corporate ownership or control...	31	28	5.4	37.6	4.4	8.8	28.4	62.0	74.3	136.4	4.7	22.5	23.0
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	58	33	2.3	16.0	1.8	3.7	11.2	29.1	25.5	54.5	(D)	7.1	6.8
	Corporate ownership or control...	49	30	2.1	15.3	1.7	3.5	10.7	28.0	24.7	52.7	(D)	6.9	6.6
	Noncorporate ownership.....	9	3	.1	.7	.1	.2	.5	1.1	.8	1.8	(D)	.1	.1
	Administrative records <sup>e</sup> .....	25	-	(Z)	.3	(Z)	.1	.2	.9	.6	1.5	(D)	.2	.2
	Legal form of organization:													
	Corporate.....	80	58	7.5	52.9	6.1	12.3	39.1	90.0	99.0	189.0	(D)	29.5	29.7
	Noncorporate, total.....	9	3	.1	.7	.1	.2	.5	1.1	.8	1.8	(D)	.1	.1
	Individual <sup>e</sup> .....	5	-	(Z)	.1	(Z)	.1	.2	.1	.4	.1	(Z)	(Z)	(Z)
	Partnership.....	4	3	.1	.5	.1	.2	.4	.9	.6	1.5	(D)	.1	.1
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	25	-	(Z)	.3	(Z)	.1	.2	.9	.6	1.5	(D)	.2	.2
3494	Valves and pipe fittings, total.....	666	412	95.3	683.5	67.8	139.0	429.8	1,377.3	936.8	2,274.5	100.0	550.0	599.9
	Type of operation:													
	Multiunit companies, total.....	222	202	73.0	523.4	51.7	106.1	330.7	1,047.8	707.8	1,722.0	81.7	441.6	482.6
	Corporate ownership or control...	220	200	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	334	210	22.0	158.7	15.9	32.5	98.2	326.2	226.6	546.8	18.2	107.1	116.0
	Corporate ownership or control...	296	206	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	38	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	110	-	.2	1.4	.2	.3	.9	3.3	2.4	5.7	.1	1.3	1.3
	Legal form of organization:													
	Corporate.....	516	406	93.3	667.6	66.4	136.1	419.5	1,344.4	912.5	2,217.3	98.8	539.6	589.1
	Noncorporate, total.....	40	6	1.8	14.5	1.2	2.6	9.4	29.5	21.9	51.4	1.1	9.2	9.6
	Individual <sup>e</sup> .....	32	4	1.6	13.0	1.0	2.3	8.3	26.1	18.5	44.8	1.1	8.1	8.4
	Partnership.....	8	2	.2	1.4	.2	.4	1.1	3.4	3.3	6.7	(Z)	1.1	1.2
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	110	-	.2	1.4	.2	.3	.9	3.3	2.4	5.7	.1	1.3	1.3

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967—Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new <sup>2</sup>	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1966	1967
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
3496	Collapsible tubes, total .....	19	18	4.3	23.6	3.9	7.6	18.7	38.5	26.8	65.0	4.1	6.2	7.1
	Type of operation:													
	Multiunit companies, total.....	10	10	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Corporate ownership or control...	10	10	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	8	8	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Corporate ownership or control...	8	8	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Legal form of organization:													
	Corporate.....	18	18	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Individual.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3497	Metal foil and leaf, total .....	72	46	6.6	48.7	4.8	10.3	31.1	104.9	160.0	265.5	10.6	39.1	37.4
	Type of operation:													
	Multiunit companies, total.....	39	33	5.9	43.0	4.3	9.1	27.6	93.1	140.8	234.8	10.1	36.4	34.3
	Corporate ownership or control...	39	33	5.9	43.0	4.3	9.1	27.6	93.1	140.8	234.8	10.1	36.4	34.3
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	24	13	.7	5.6	.5	1.2	3.4	11.0	18.0	28.7	.4	2.4	2.8
	Corporate ownership or control...	22	13	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	9	-	(Z)	.1	(Z)	(Z)	.1	.8	1.2	2.0	.1	.3	.3
	Legal form of organization:													
	Corporate.....	61	46	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual <sup>e</sup> .....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	9	-	(Z)	.1	(Z)	(Z)	.1	.8	1.2	2.0	.1	.3	.3
3498	Fabricated pipe and fittings, total .....	393	197	18.2	129.1	13.4	27.4	86.6	238.5	274.4	508.1	14.4	91.2	100.7
	Type of operation:													
	Multiunit companies, total.....	106	84	10.8	81.0	7.5	15.6	53.1	152.2	178.8	327.4	10.9	64.9	72.2
	Corporate ownership or control...	106	84	10.8	81.0	7.5	15.6	53.1	152.2	178.8	327.4	10.9	64.9	72.2
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	202	113	7.2	47.0	5.7	11.6	32.8	83.9	93.0	175.7	3.5	25.1	27.4
	Corporate ownership or control...	169	106	6.8	44.6	5.4	11.0	31.0	79.8	88.1	166.9	3.3	23.8	25.9
	Noncorporate ownership.....	33	7	.4	2.4	.3	.6	1.8	4.1	4.9	8.9	.2	1.3	1.5
	Administrative records <sup>e</sup> .....	85	-	.2	1.1	.2	.3	.7	2.4	2.6	5.0	(Z)	1.1	1.1
	Legal form of organization:													
	Corporate.....	275	190	17.6	125.7	12.8	26.6	84.1	232.1	266.9	494.2	14.2	88.8	98.2
	Noncorporate, total.....	33	7	.4	2.4	.3	.6	1.8	4.1	4.9	8.9	.2	1.3	1.5
	Individual <sup>e</sup> .....	24	2	.2	1.0	.2	.3	.8	1.7	1.3	3.0	.1	.6	.6
	Partnership.....	7	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	85	-	.2	1.1	.2	.3	.7	2.4	2.6	5.0	(Z)	1.1	1.1
3499	Fabricated metal products, N.E.C., total .....	1,266	464	41.3	260.1	32.8	66.0	176.1	522.2	462.0	981.7	31.9	136.7	136.0
	Type of operation:													
	Multiunit companies, total.....	172	142	19.8	130.4	15.0	30.9	86.9	281.2	266.4	546.8	20.5	91.2	88.1
	Corporate ownership or control...	170	140	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	657	322	20.4	124.5	16.8	33.5	85.6	229.7	186.5	414.4	11.0	42.8	45.2
	Corporate ownership or control...	554	313	19.3	118.1	15.8	31.5	80.6	218.5	177.5	394.2	10.3	41.2	43.5
	Noncorporate ownership.....	103	9	1.1	6.4	1.0	2.0	5.1	11.2	9.1	20.2	.8	1.6	1.7
	Administrative records <sup>e</sup> .....	437	-	1.0	5.2	1.0	1.7	3.7	11.3	9.1	20.4	.4	2.7	2.7
	Legal form of organization:													
	Corporate.....	724	453	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	105	11	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual <sup>e</sup> .....	85	4	.7	3.5	.6	1.2	2.8	6.4	5.3	11.7	.2	.9	1.0
	Partnership.....	18	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	437	-	1.0	5.2	1.0	1.7	3.7	11.3	9.1	20.4	.4	2.7	2.7
35	Machinery, except electrical, total .....	37,892	10,627	1,864.5	14,226.3	1,349.0	2,785.0	9,236.1	27,836.4	21,231.6	48,477.2	1,868.1	10,139.1	10,917.0
	Type of operation:													
	Multiunit companies, total.....	3,975	3,388	1,296.2	9,940.0	900.9	1,850.1	6,248.3	20,194.1	16,657.5	36,358.6	1,419.0	8,552.4	9,186.4
	Corporate ownership or control...	3,927	3,357	1,293.5	9,919.7	898.7	1,845.4	6,232.5	20,152.2	16,627.3	36,287.5	1,416.9	8,544.6	9,177.4
	Noncorporate ownership.....	48	31	2.7	20.3	2.2	4.7	15.8	41.9	30.2	71.1	2.1	7.8	9.0
	Single unit companies, total.....	19,210	7,239	538.5	4,100.4	418.7	886.2	2,847.0	7,212.0	4,338.1	11,453.1	432.6	1,499.2	1,642.4
	Corporate ownership or control...	14,549	6,864	497.1	3,826.9	382.1	813.4	2,618.8	6,682.8	4,078.4	10,670.0	399.6	1,435.0	1,569.8
	Noncorporate ownership.....	4,661	375	41.4	273.5	36.6	72.8	228.2	529.2	259.7	783.1	33.0	64.2	72.6
	Administrative records <sup>e</sup> .....	14,707	-	29.8	185.9	29.4	48.7	140.8	430.3	235.9	665.7	16.3	87.6	88.4
	Legal form of organization:													
	Corporate.....	18,476	10,211	1,790.6	13,746.6	1,280.9	2,658.8	8,851.3	26,834.9	20,705.8	46,957.3	1,816.7	9,979.5	10,747.0
	Noncorporate, total.....	4,709	406	44.1	293.8	38.7	77.5	244.0	571.1	289.9	854.1	35.1	72.0	81.6
	Individual.....	3,843	200	28.1	183.1	25.1	48.9	151.8	351.6	174.0	522.3	23.1	40.5	45.5
	Partnership.....	817	184	13.4	94.1	11.5	24.2	80.1	188.8	88.6	275.7	10.7	21.9	24.2
	Other.....	49	22	2.6	16.5	2.2	4.4	12.1	30.7	27.3	56.1	1.3	9.6	11.9
	Administrative records <sup>e</sup> .....	14,707	-	29.8	185.9	29.4	48.7	140.8	430.3	235.9	665.7	16.3	87.6	88.4

See footnotes at end of table.



TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967—Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new <sup>2</sup> (million dollars)	Inventories end of—	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
3511	Steam engines and turbines, total ...	27	23	36.2	318.8	24.6	49.9	195.6	582.3	475.5	1,043.2	66.3	293.1	314.2
	Type of operation:													
	Multiunit companies, total.....	19	17	35.8	315.6	24.4	49.3	193.7	576.3	472.0	1,033.8	66.0	291.0	311.9
	Corporate ownership or control...	19	17	35.8	315.6	24.4	49.3	193.7	576.3	472.0	1,033.8	66.0	291.0	311.9
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	8	6	.4	3.3	.3	.6	2.0	6.1	3.4	9.4	.3	2.1	2.3
	Corporate ownership or control...	7	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Legal form of organization:													
	Corporate.....	26	23	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Partnership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records.....	-	-	-	-	-	-	-	-	-	-	-	-	-
3519	Internal combustion engines, N.E.C., total .....	155	96	63.7	500.8	47.5	97.2	344.6	1,015.8	1,091.5	2,093.2	97.6	394.7	414.1
	Type of operation:													
	Multiunit companies, total.....	70	66	61.4	484.7	45.7	93.7	333.4	986.7	1,058.4	2,031.9	95.8	385.9	403.9
	Corporate ownership or control...	70	66	61.4	484.7	45.7	93.7	333.4	986.7	1,058.4	2,031.9	95.8	385.9	403.9
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	56	30	2.3	15.8	1.7	3.5	11.0	28.4	32.4	60.0	1.8	8.5	10.0
	Corporate ownership or control...	49	29	2.2	15.3	1.7	3.4	10.6	27.4	31.1	57.7	1.7	8.1	9.6
	Noncorporate ownership.....	7	1	.1	.5	.1	.1	.3	1.0	1.3	2.2	(Z)	.4	.4
	Administrative records <sup>e</sup> .....	29	-	(Z)	.3	(Z)	.1	.2	.7	.7	1.4	(Z)	.3	.3
	Legal form of organization:													
	Corporate.....	119	95	63.6	500.1	47.4	97.1	344.0	1,014.2	1,089.5	2,089.6	97.5	394.0	413.4
	Noncorporate, total.....	7	1	.1	.5	.1	.1	.3	1.0	1.3	2.2	(Z)	.4	.4
	Individual <sup>e</sup> .....	6	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.3
	Partnership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	29	-	(Z)	.3	(Z)	.1	.2	.7	.7	1.4	(Z)	.3	.3
3522	Farm machinery, total .....	1,618	661	136.3	946.7	104.0	203.2	662.3	2,041.5	2,323.2	4,299.9	128.5	904.1	994.6
	Type of operation:													
	Multiunit companies, total.....	259	227	103.5	761.4	78.3	151.3	537.9	1,668.1	1,919.7	3,534.4	105.1	758.4	832.0
	Corporate ownership or control...	253	224	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	6	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	822	434	31.6	179.5	24.6	50.0	120.3	360.1	389.3	738.1	22.9	138.3	154.9
	Corporate ownership or control...	647	405	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	146.9
	Noncorporate ownership.....	175	29	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	8.0
	Administrative records <sup>e</sup> .....	537	-	1.2	5.8	1.1	1.8	4.2	13.3	14.2	27.5	.5	7.4	7.4
	Legal form of organization:													
	Corporate.....	900	629	133.0	929.5	101.0	197.8	649.6	2,000.8	2,282.0	4,218.4	126.7	887.9	977.5
	Noncorporate, total.....	181	32	2.2	11.4	1.8	3.5	8.5	27.5	27.0	54.0	1.2	8.7	9.7
	Individual <sup>e</sup> .....	143	15	1.2	6.4	1.1	2.0	4.6	14.7	13.6	28.1	.5	4.7	5.3
	Partnership.....	34	15	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	4	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	537	-	1.2	5.8	1.1	1.8	4.2	13.3	14.2	27.5	.5	7.4	7.4
3531	Construction machinery, total .....	651	358	133.1	989.4	98.6	193.9	673.4	2,056.5	2,103.6	4,138.0	184.9	1,030.1	1,034.2
	Type of operation:													
	Multiunit companies, total.....	215	202	119.0	893.0	88.4	172.9	612.2	1,884.6	1,923.3	3,787.9	177.7	955.1	956.1
	Corporate ownership or control...	213	200	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	289	156	13.9	94.7	10.0	20.7	60.0	168.5	176.9	343.2	7.1	73.4	76.4
	Corporate ownership or control...	245	151	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	44	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	147	-	.3	1.7	.3	.4	1.2	3.4	3.5	6.9	.1	1.6	1.6
	Legal form of organization:													
	Corporate.....	458	351	132.3	984.5	97.9	192.8	669.9	2,047.5	2,094.5	4,120.0	184.6	1,026.6	1,030.3
	Noncorporate, total.....	46	7	.5	3.2	.4	.8	2.3	5.7	5.6	11.2	.2	1.9	2.2
	Individual.....	39	3	.4	2.5	.3	.6	1.7	4.6	4.5	9.0	.2	1.5	1.8
	Partnership.....	6	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	147	-	.3	1.7	.3	.4	1.2	3.4	3.5	6.9	.1	1.6	1.6
3532	Mining machinery, total .....	212	110	21.7	156.7	14.9	29.7	95.8	308.3	313.5	622.2	18.4	171.0	171.2
	Type of operation:													
	Multiunit companies, total.....	62	51	17.4	126.0	11.8	23.6	77.6	249.1	256.1	505.8	15.3	149.4	149.5
	Corporate ownership or control...	62	51	17.4	126.0	11.8	23.6	77.6	249.1	256.1	505.8	15.3	149.4	149.5
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	109	59	4.2	30.2	3.0	6.0	18.0	57.9	56.3	113.9	3.1	21.0	21.1
	Corporate ownership or control...	95	58	4.1	29.3	2.9	5.9	17.5	56.4	54.0	110.2	3.1	20.2	20.2
	Noncorporate ownership.....	14	1	.1	.9	.1	.2	.5	1.5	2.3	3.7	(Z)	.8	.9
	Administrative records <sup>e</sup> .....	41	-	.1	.4	.1	.1	.3	1.2	1.2	2.4	(Z)	.6	.6
	Legal form of organization:													
	Corporate.....	157	109	21.5	155.4	14.8	29.5	95.1	305.6	310.1	616.1	18.3	169.6	169.7
	Noncorporate, total.....	14	1	.1	.9	.1	.2	.5	1.5	2.3	3.7	(Z)	.8	.9
	Individual <sup>e</sup> .....	12	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	41	-	.1	.4	.1	.1	.3	1.2	1.2	2.4	(Z)	.6	.6

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967-Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new <sup>2</sup> (million dollars)	Inventories end of--	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
3533	Oilfield machinery, total .....	360	174	32.7	240.4	21.7	46.1	143.4	502.9	305.3	799.8	23.7	245.0	257.6
	Type of operation:													
	Multiunit companies, total.....	136	101	27.7	204.1	18.4	39.2	122.8	430.0	260.0	682.4	19.9	220.7	231.9
	Corporate ownership or control...	135	101	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	231.9
	Noncorporate ownership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	151	73	4.8	35.6	3.3	6.8	20.2	71.1	44.1	114.3	3.8	23.5	24.8
	Corporate ownership or control...	115	72	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership <sup>e</sup> .....	36	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	73	-	.1	.6	.1	.1	.4	1.8	1.2	3.0	(Z)	.8	.8
	Legal form of organization:													
	Corporate.....	250	173	32.3	238.3	21.4	45.6	142.0	497.5	301.7	790.9	23.5	243.2	255.6
	Noncorporate, total <sup>e</sup> .....	37	1	.3	1.4	.2	.4	1.1	3.6	2.3	5.9	.1	1.0	1.1
	Individual <sup>e</sup> .....	30	-	.2	.9	.1	.2	.7	2.7	1.5	4.2	.1	.8	.8
	Partnership.....	7	1	.1	.5	.1	.2	.4	1.0	.8	1.7	(Z)	.2	.3
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	73	-	.1	.6	.1	.1	.4	1.8	1.2	3.0	(Z)	.8	.8
3534	Elevators and moving stairways, total	144	78	13.9	107.6	8.8	18.1	63.4	196.1	128.4	319.7	3.9	95.8	96.6
	Type of operation:													
	Multiunit companies, total.....	36	34	10.7	82.7	6.6	13.7	48.6	148.8	101.8	246.1	2.7	84.1	84.6
	Corporate ownership or control...	36	34	10.7	82.7	6.6	13.7	48.6	148.8	101.8	246.1	2.7	84.1	84.6
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	78	44	3.2	24.4	2.1	4.3	14.5	46.0	25.8	71.5	1.1	11.2	11.6
	Corporate ownership or control...	68	43	3.1	23.8	2.1	4.2	14.2	44.9	25.2	69.8	1.1	11.1	11.5
	Noncorporate ownership.....	10	1	.1	.5	.1	.1	.3	1.1	.6	1.7	(Z)	.1	.1
	Administrative records <sup>e</sup> .....	30	-	.1	.5	.1	.1	.3	1.4	.8	2.1	.1	.5	.5
	Legal form of organization:													
	Corporate.....	104	77	13.8	106.5	8.7	17.9	62.8	193.7	127.0	315.9	3.8	95.3	96.1
	Noncorporate, total.....	10	1	.1	.5	.1	.1	.3	1.1	.6	1.7	(Z)	.1	.1
	Individual <sup>e</sup> .....	7	-	(Z)	.2	(Z)	(Z)	.1	.5	.3	.7	(Z)	.1	.1
	Partnership.....	3	1	(Z)	.3	(Z)	.1	.2	.6	.3	1.0	(Z)	(Z)	(Z)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	30	-	.1	.5	.1	.1	.3	1.4	.8	2.1	.1	.5	.5
3535	Conveyors and conveying equipment, total .....	446	216	27.4	213.3	16.8	35.0	112.0	415.8	353.4	763.0	13.6	124.8	129.2
	Type of operation:													
	Multiunit companies, total.....	95	85	19.0	147.5	11.1	23.0	73.8	294.5	254.1	546.5	11.5	99.3	98.7
	Corporate ownership or control...	95	85	19.0	147.5	11.1	23.0	73.8	294.5	254.1	546.5	11.5	99.3	98.7
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	229	131	8.1	63.7	5.5	11.7	37.1	116.1	95.4	207.4	3.4	24.3	29.2
	Corporate ownership or control...	206	128	7.8	61.8	5.3	11.2	35.8	112.4	92.4	200.8	3.0	23.8	28.7
	Noncorporate ownership.....	23	3	.3	1.9	.2	.5	1.3	3.7	3.0	6.6	.4	.5	.6
	Administrative records <sup>e</sup> .....	122	-	.3	2.1	.3	.3	1.1	5.2	3.9	9.1	.2	1.3	1.3
	Legal form of organization:													
	Corporate.....	301	213	26.8	209.3	16.3	34.2	109.6	406.9	346.5	747.3	13.0	123.1	127.3
	Noncorporate, total.....	23	3	.3	1.9	.2	.5	1.3	3.7	3.0	6.6	.4	.5	.6
	Individual <sup>e</sup> .....	19	2	.2	1.1	.1	.3	.7	2.1	1.5	3.6	.1	.3	.3
	Partnership.....	4	1	.1	.8	.1	.2	.6	1.6	1.5	3.0	(D)	.2	.3
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	122	-	.3	2.1	.3	.3	1.1	5.2	3.9	9.1	.2	1.3	1.3
3536	Hoists, cranes, and monorails, total	141	71	16.8	134.3	11.6	24.1	88.0	241.6	202.1	444.4	11.3	95.7	96.2
	Type of operation:													
	Multiunit companies, total.....	34	31	13.9	110.6	9.5	19.6	72.9	196.1	162.1	360.6	9.3	82.5	81.4
	Corporate ownership or control...	34	31	13.9	110.6	9.5	19.6	72.9	196.1	162.1	360.6	9.3	82.5	81.4
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	83	40	2.9	23.3	2.1	4.4	14.8	44.6	39.1	82.0	2.0	13.0	14.5
	Corporate ownership or control...	71	39	2.8	22.6	2.0	4.2	14.4	43.1	37.9	79.4	1.9	12.8	14.2
	Noncorporate ownership.....	12	1	.1	.6	.1	.1	.4	1.5	1.2	1.6	(Z)	.2	.2
	Administrative records <sup>e</sup> .....	24	-	(Z)	.4	(Z)	.1	.2	.9	.9	1.7	(Z)	.3	.3
	Legal form of organization:													
	Corporate.....	105	70	16.7	133.3	11.5	23.9	87.3	239.3	200.0	440.1	11.2	95.3	95.6
	Noncorporate, total.....	12	1	.1	.6	.1	.1	.4	1.5	1.2	2.6	(Z)	.2	.2
	Individual <sup>e</sup> .....	11	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	24	-	(Z)	.4	(Z)	.1	.2	.9	.9	1.7	(Z)	.3	.3
3537	Industrial trucks and tractors, total	351	140	27.0	199.7	17.7	36.5	115.6	408.6	381.7	778.0	23.9	176.7	193.4
	Type of operation:													
	Multiunit companies, total.....	53	47	18.9	146.3	11.8	24.5	82.9	305.7	276.0	571.7	19.9	142.2	154.3
	Corporate ownership or control...	52	46	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	200	93	7.9	52.0	5.8	11.8	31.9	99.7	102.8	200.1	3.9	33.2	37.7
	Corporate ownership or control...	162	89	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership <sup>e</sup> .....	38	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	98	-	.2	1.3	.2	.3	.8	3.2	3.0	6.2	.1	1.3	1.3
	Legal form of organization:													
	Corporate.....	214	135	26.5	196.5	17.2	35.8	113.5	401.4	375.5	764.6	23.6	174.5	191.1
	Noncorporate, total <sup>e</sup> .....	39	5	.4	1.9	.3	.5	1.4	4.0	3.3	7.2	.2	.9	1.0
	Individual <sup>e</sup> .....	35	3	.2	1.3	.2	.3	.9	2.9	2.6	5.5	.1	.8	.8
	Partnership.....	4	2	.1	.5	.1	.2	.4	1.1	.7	1.7	(Z)	.2	.2
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	98	-	.2	1.3	.2	.3	.8	3.2	3.0	6.2	.1	1.3	1.3

See footnotes at end of table.



TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967—Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new <sup>2</sup> (million dollars)	Inventories end of--	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
3541	Machine tools, metal-cutting types, total .....	903	338	87.2	759.9	60.5	131.8	476.5	1,391.3	766.9	2,127.2	78.7	501.6	535.3
	Type of operation:													
	Multiunit companies, total.....	122	103	56.5	491.6	36.5	78.2	287.6	924.2	545.0	1,440.2	54.6	381.8	413.8
	Corporate ownership or control...	121	103	(0)	(0)	(0)	(D)	(D)	(0)	(0)	(D)	(D)	(0)	(D)
	Noncorporate ownership.....	1	-	(D)	(0)	(0)	(0)	(D)	(D)	(D)	(0)	(D)	(0)	(D)
	Single unit companies, total.....	536	235	30.2	264.8	23.4	52.9	186.3	459.2	217.6	674.8	23.8	117.5	119.2
	Corporate ownership or control...	450	226	(0)	(0)	(0)	(0)	(0)	(D)	(0)	(0)	(D)	(0)	(D)
	Noncorporate ownership.....	86	9	(D)	(D)	(D)	(D)	(D)	(0)	(D)	(0)	(D)	(0)	(D)
	Administrative records <sup>e</sup> .....	245	-	.5	3.5	.5	.8	2.6	8.0	4.2	12.2	.2	2.3	2.3
	Legal form of organization:													
	Corporate.....	571	329	85.8	750.4	59.2	129.4	468.7	1,370.1	755.2	2,094.3	77.8	497.1	530.8
	Noncorporate, total.....	87	9	.9	6.0	.8	1.6	5.3	13.3	7.4	20.6	.7	2.1	2.2
	Individual <sup>e</sup> .....	63	3	.4	2.8	.4	.8	2.4	5.6	2.1	7.6	.4	.6	.7
	Partnership.....	23	6	(D)	(0)	(0)	(D)	(0)	(D)	(0)	(D)	(0)	(D)	(0)
	Other.....	1	-	(D)	(0)	(0)	(0)	(0)	(D)	(0)	(0)	(0)	(D)	(0)
	Administrative records <sup>e</sup> .....	245	-	.5	3.5	.5	.8	2.6	8.0	4.2	12.2	.2	2.3	2.3
3542	Machine tools, metal-forming types, total .....	350	168	29.2	249.6	20.9	46.2	165.0	437.2	295.4	714.0	26.2	187.8	207.8
	Type of operation:													
	Multiunit companies, total.....	63	60	19.1	165.1	13.4	29.8	107.9	283.4	199.3	472.4	17.2	146.8	158.7
	Corporate ownership or control...	63	60	19.1	165.1	13.4	29.8	107.9	283.4	199.3	472.4	17.2	146.8	158.7
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	202	108	9.9	82.9	7.3	16.1	56.1	150.7	94.2	236.7	8.9	39.8	47.8
	Corporate ownership or control...	179	105	9.6	80.5	7.1	15.5	54.1	145.2	91.7	228.7	8.7	39.0	47.0
	Noncorporate ownership.....	23	3	.3	2.5	.3	.6	2.0	5.5	2.6	8.1	.1	.8	.8
	Administrative records <sup>e</sup> .....	85	-	.2	1.5	.2	.3	1.0	3.1	1.8	4.9	.1	1.3	1.3
	Legal form of organization:													
	Corporate.....	242	165	28.7	245.6	20.5	45.3	162.0	428.6	291.0	701.1	26.0	185.8	205.7
	Noncorporate, total.....	23	3	.3	2.5	.3	.6	2.0	5.5	2.6	8.1	.1	.8	.8
	Individual <sup>e</sup> .....	15	-	.1	.6	.1	.2	.5	1.2	.7	1.8	.1	.3	.3
	Partnership.....	7	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(0)	(D)
	Other.....	1	-	(0)	(D)	(D)	(0)	(D)	(D)	(D)	(D)	(D)	(0)	(D)
	Administrative records <sup>e</sup> .....	85	-	.2	1.5	.2	.3	1.0	3.1	1.8	4.9	.1	1.3	1.3
3544	Special dies, tools, jigs, fixtures, total .....	6,615	1,531	113.6	1,032.8	95.5	214.1	800.0	1,646.7	577.6	2,202.3	114.7	187.0	214.2
	Type of operation:													
	Multiunit companies, total.....	320	221	26.5	244.8	21.5	49.0	190.9	380.9	150.7	519.1	29.6	63.8	77.6
	Corporate ownership or control...	314	215	26.4	243.5	21.4	48.7	190.0	378.5	149.6	515.7	29.5	63.7	77.3
	Noncorporate ownership.....	6	6	.2	1.2	.1	.2	.9	2.4	1.1	3.4	.1	.1	.2
	Single unit companies, total.....	3,941	1,310	82.4	752.4	69.5	156.9	581.7	1,186.3	397.0	1,574.1	83.6	115.8	128.8
	Corporate ownership or control...	2,964	1,234	74.3	689.4	62.1	141.2	527.6	1,072.7	356.4	1,421.2	76.0	107.4	118.7
	Noncorporate ownership.....	977	76	8.2	63.0	7.3	15.7	54.0	113.6	40.5	152.9	7.7	8.4	10.1
	Administrative records <sup>e</sup> .....	2,354	-	4.6	35.6	4.6	8.3	27.4	79.5	30.0	109.1	1.5	7.4	7.8
	Legal form of organization:													
	Corporate.....	3,278	1,449	100.6	933.0	83.5	189.9	717.6	1,451.2	506.0	1,936.9	105.5	171.1	196.0
	Noncorporate, total.....	983	82	8.3	64.2	7.5	15.9	54.9	116.0	41.6	156.2	7.7	8.5	10.4
	Individual <sup>e</sup> .....	785	40	5.4	40.9	4.9	10.2	34.7	73.4	27.5	99.9	4.6	5.1	6.4
	Partnership.....	188	39	2.7	21.6	2.4	5.4	19.0	39.4	13.3	52.3	3.0	3.2	3.7
	Other.....	10	3	.2	1.7	.2	.3	1.2	3.2	.9	4.0	.1	.2	.3
	Administrative records <sup>e</sup> .....	2,354	-	4.6	35.6	4.6	8.3	27.4	79.5	30.0	109.1	1.5	7.4	7.8
3545	Machine tool accessories, total .....	1,141	429	60.3	479.3	45.2	96.4	324.2	922.8	416.3	1,309.9	55.0	235.2	273.7
	Type of operation:													
	Multiunit companies, total.....	162	136	37.7	297.5	27.5	58.9	200.1	596.4	266.3	837.7	36.9	169.1	202.1
	Corporate ownership or control...	159	134	(0)	(D)	(D)	(0)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	3	2	(D)	(0)	(0)	(0)	(0)	(0)	(D)	(0)	(0)	(0)	(0)
	Single unit companies, total.....	613	293	21.9	176.0	16.9	36.2	120.2	314.7	142.2	452.6	17.7	60.1	65.6
	Corporate ownership or control...	520	280	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	93	13	(0)	(D)	(0)	(D)	(0)	(D)	(D)	(D)	(D)	(0)	(0)
	Administrative records <sup>e</sup> .....	366	-	.8	5.8	.8	1.2	3.9	11.8	7.8	19.6	.4	6.1	6.1
	Legal form of organization:													
	Corporate.....	679	414	58.4	464.1	43.4	93.2	312.8	892.8	401.6	1,265.3	53.8	226.6	264.8
	Noncorporate, total.....	96	15	1.1	9.3	1.0	1.9	7.4	18.2	6.9	25.0	.8	2.5	2.8
	Individual <sup>e</sup> .....	74	6	.6	4.6	.5	1.1	3.6	8.8	3.8	12.5	.5	1.6	1.7
	Partnership.....	21	8	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(D)	(D)	(D)	(D)
	Other.....	1	1	(D)	(0)	(0)	(D)	(D)	(D)	(0)	(0)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	366	-	.8	5.8	.8	1.2	3.9	11.8	7.8	19.6	.4	6.1	6.1
3548	Metalworking machinery, N.E.C., total .....	430	186	46.7	338.0	34.0	69.4	218.8	693.4	478.6	1,158.1	44.8	313.1	332.6
	Type of operation:													
	Multiunit companies, total.....	89	86	36.8	262.3	26.8	54.2	173.2	547.6	374.2	909.6	32.2	265.1	279.5
	Corporate ownership or control...	87	85	(D)	(0)	(0)	(0)	(D)	(D)	(D)	(D)	(D)	(0)	(D)
	Noncorporate ownership.....	2	1	(D)	(D)	(D)	(D)	(0)	(0)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	212	100	9.6	74.0	7.0	14.8	44.5	141.4	101.4	241.1	12.4	45.9	50.9
	Corporate ownership or control...	169	96	(D)	(D)	(D)	(D)	(D)	(0)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	43	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	129	-	.2	1.7	.2	.4	1.1	4.4	3.1	7.4	.3	2.2	2.2
	Legal form of organization:													
	Corporate.....	256	181	45.2	329.0	32.7	66.8	212.5	673.7	460.0	1,120.9	44.0	303.7	321.9
	Noncorporate, total.....	45	5	1.3	7.3	1.1	2.2	5.2	15.3	15.6	29.8	.6	7.3	8.6
	Individual <sup>e</sup> .....	36	-	.1	1.0	.1	.2	.7	2.1	1.3	3.4	.1	.8	.8
	Partnership.....	7	4	(D)	(D)	(D)	(D)	(D)	(0)	(0)	(D)	(D)	(D)	(D)
	Other.....	2	1	(0)	(D)	(0)	(D)	(0)	(D)	(D)	(D)	(D)	(D)	(0)
	Administrative records <sup>e</sup> .....	129	-	.2	1.7	.2	.4	1.1	4.4	3.1	7.4	.3	2.2	2.2

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967-Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new <sup>2</sup> (million dollars)	Inventories end of-	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
3551	Food products machinery, total .....	642	280	32.6	249.4	22.0	45.2	147.2	502.9	337.9	830.2	22.0	184.4	198.0
	Type of operation:													
	Multiunit companies, total.....	113	94	18.3	144.6	11.9	24.6	82.4	315.3	204.0	510.4	14.2	130.1	139.7
	Corporate ownership or control...	113	94	18.3	144.6	11.9	24.6	82.4	315.3	204.0	510.4	14.2	130.1	139.7
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	325	186	13.7	101.5	9.6	19.8	62.6	180.9	129.0	308.2	7.6	52.1	56.1
	Corporate ownership or control...	286	179	13.1	97.9	9.1	18.9	59.9	175.0	123.8	297.1	7.4	50.7	54.7
	Noncorporate ownership.....	39	7	.6	3.6	.5	.9	2.7	5.9	5.3	11.1	.2	1.4	1.4
	Administrative records <sup>e</sup> .....	204	-	.5	3.2	.5	.8	2.2	6.7	4.9	11.6	.1	2.2	2.2
	Legal form of organization:													
	Corporate.....	399	273	31.4	242.5	21.0	43.5	142.3	490.3	327.7	807.5	21.6	180.8	194.4
	Noncorporate, total.....	39	7	.6	3.6	.5	.9	2.7	5.9	5.3	11.1	.1	1.4	1.4
	Individual.....	33	5	.3	2.0	.3	.5	1.4	3.3	2.9	6.1	.1	.9	.9
	Partnership.....	5	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	204	-	.5	3.2	.5	.8	2.2	6.7	4.9	11.6	.1	2.2	2.2
3552	Textile machinery, total .....	560	239	39.7	253.3	29.4	62.5	169.1	404.1	309.2	711.7	22.2	185.2	185.1
	Type of operation:													
	Multiunit companies, total.....	100	90	29.1	185.2	21.1	45.0	124.1	292.6	228.1	519.8	17.1	157.5	157.2
	Corporate ownership or control...	98	88	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	277	149	10.2	65.5	7.9	16.9	43.3	106.3	77.2	182.9	5.0	25.7	25.9
	Corporate ownership or control...	228	138	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	49	11	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	183	-	.4	2.6	.4	.7	1.7	5.1	3.9	9.0	.2	2.0	2.0
	Legal form of organization:													
	Corporate.....	326	226	38.6	246.9	28.4	60.5	164.5	392.0	300.1	690.6	21.9	182.1	182.1
	Noncorporate, total.....	51	13	.7	3.8	.6	1.3	3.0	6.9	5.2	12.1	.2	1.1	1.1
	Individual.....	37	6	.5	2.5	.4	.8	1.9	4.2	3.5	7.8	.1	.7	.7
	Partnership.....	11	5	.2	1.1	.2	.4	.9	2.3	1.4	3.6	.1	.3	.3
	Other.....	3	2	.1	.3	(2)	.1	.2	.5	.3	.8	(2)	.1	.1
	Administrative records <sup>e</sup> .....	183	-	.4	2.6	.4	.7	1.7	5.1	3.9	9.0	.2	2.0	2.0
3553	Woodworking machinery, total .....	239	88	12.7	83.9	8.8	17.6	50.4	192.8	127.1	314.4	8.2	70.2	72.1
	Type of operation:													
	Multiunit companies, total.....	43	36	9.1	58.3	6.2	12.3	34.5	145.7	89.4	230.0	5.8	54.6	55.8
	Corporate ownership or control...	43	36	9.1	58.3	6.2	12.3	34.5	145.7	89.4	230.0	5.8	54.6	55.8
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	120	52	3.4	24.4	2.5	5.0	15.1	44.0	35.3	79.0	2.2	14.5	15.3
	Corporate ownership or control...	97	50	3.2	23.2	2.3	4.7	14.2	41.5	33.7	74.9	2.0	13.9	14.7
	Noncorporate ownership <sup>e</sup> .....	23	2	.2	1.2	.2	.3	.9	2.5	1.6	4.1	.3	.6	.6
	Administrative records <sup>e</sup> .....	76	-	.2	1.2	.2	.3	.8	3.0	2.4	5.4	.1	1.0	1.0
	Legal form of organization:													
	Corporate.....	140	86	12.3	81.5	8.5	17.1	48.7	187.3	123.1	304.9	7.8	68.5	70.5
	Noncorporate, total <sup>e</sup> .....	23	2	.2	1.2	.2	.3	.9	2.5	1.6	4.1	.3	.6	.6
	Individual <sup>e</sup> .....	16	-	.1	.6	.1	.1	.4	1.2	.8	2.0	.1	.3	.3
	Partnership.....	7	2	.1	.6	.1	.1	.5	1.3	.8	2.1	.2	.3	.3
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	76	-	.2	1.2	.2	.3	.8	3.0	2.4	5.4	.1	1.0	1.0
3554	Paper industries machinery, total ..	220	110	21.3	172.5	14.6	31.1	111.6	283.4	265.5	551.4	18.6	135.8	138.1
	Type of operation:													
	Multiunit companies, total.....	57	47	14.9	124.2	10.1	21.8	81.4	198.2	193.1	392.7	14.0	104.7	105.3
	Corporate ownership or control...	57	47	14.9	124.2	10.1	21.8	81.4	198.2	193.1	392.7	14.0	104.7	105.3
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	118	63	6.3	47.2	4.4	9.1	29.5	83.5	70.9	155.5	4.6	30.3	32.1
	Corporate ownership or control...	98	63	6.2	46.2	4.3	8.9	28.7	81.7	69.6	152.5	4.5	29.8	31.5
	Noncorporate ownership <sup>e</sup> .....	20	-	.1	1.0	.1	.2	.8	1.8	1.3	3.0	.1	.5	.5
	Administrative records <sup>e</sup> .....	45	-	.1	1.1	.1	.2	.7	1.7	1.6	3.3	.1	.7	.7
	Legal form of organization:													
	Corporate.....	155	110	21.1	170.4	14.4	30.7	110.1	279.9	262.7	545.2	18.4	135.5	136.8
	Noncorporate, total <sup>e</sup> .....	20	-	.1	1.0	.1	.2	.8	1.8	1.3	3.0	.1	.5	.5
	Individual <sup>e</sup> .....	18	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	45	-	.1	1.1	.1	.2	.7	1.7	1.6	3.3	.1	.7	.7
3555	Printing trades machinery, total ...	522	165	29.2	239.6	20.1	42.2	149.2	458.7	324.8	752.3	32.9	178.3	217.2
	Type of operation:													
	Multiunit companies, total.....	89	64	21.0	174.3	14.3	29.3	108.0	343.9	245.6	561.6	26.8	144.2	179.3
	Corporate ownership or control...	89	64	21.0	174.3	14.3	29.3	108.0	343.9	245.6	561.6	26.8	144.2	179.3
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	232	101	7.7	61.8	5.4	12.2	38.8	107.4	74.6	178.8	5.8	31.0	34.8
	Corporate ownership or control...	199	97	7.4	59.3	5.2	11.6	36.9	102.8	72.4	172.0	5.6	29.9	33.8
	Noncorporate ownership.....	33	4	.3	2.5	.3	.6	1.9	4.5	2.2	6.8	.2	1.0	1.0
	Administrative records <sup>e</sup> .....	201	-	.5	3.5	.5	.7	2.4	7.4	4.5	11.9	.2	3.1	3.1
	Legal form of organization:													
	Corporate.....	288	161	28.4	233.6	19.4	41.0	144.9	446.8	318.0	733.6	32.4	174.2	213.1
	Noncorporate, total.....	33	4	.3	2.5	.3	.6	1.9	4.5	2.2	6.8	.2	1.0	1.0
	Individual <sup>e</sup> .....	26	1	.2	1.3	.2	.3	.9	2.3	1.6	3.9	(2)	.6	.6
	Partnership.....	6	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	201	-	.5	3.5	.5	.7	2.4	7.4	4.5	11.9	.2	3.1	3.1

See footnotes at end of table.



TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967—Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new <sup>a</sup>	Inventories end of—	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
3559	Special industry machinery, N.E.C., total .....	1,129	486	71.3	571.2	46.1	97.8	323.0	1,038.4	818.1	1,833.0	75.4	412.6	447.4
	Type of operation:													
	Multiunit companies, total.....	219	189	48.8	395.4	30.4	65.1	218.5	712.7	582.1	1,273.3	60.0	327.6	359.0
	Corporate ownership or control...	216	187	48.5	393.4	30.1	64.6	216.7	706.6	576.0	1,261.1	(D)	326.4	358.1
	Noncorporate ownership.....	3	2	.3	2.0	.3	.6	1.8	6.2	6.1	12.2	(D)	1.2	.9
	Single unit companies, total.....	608	297	21.9	171.5	15.1	31.8	102.0	315.7	228.2	541.8	15.0	80.7	84.1
	Corporate ownership or control...	517	288	20.9	164.2	14.2	30.1	96.7	301.6	220.6	520.1	(D)	78.4	81.9
	Noncorporate ownership.....	91	9	1.0	7.3	.9	1.7	5.3	14.1	7.6	21.7	(O)	2.3	2.3
	Administrative records <sup>c</sup> .....	302	-	.6	4.3	.6	.8	2.6	10.0	7.9	17.9	.4	4.3	4.3
	Legal form of organization:													
	Corporate.....	733	475	69.4	557.6	44.4	94.7	313.4	1,008.2	796.6	1,781.2	74.3	404.8	439.9
	Noncorporate, total.....	94	11	1.3	9.3	1.1	2.3	7.1	20.2	13.7	33.9	.7	3.5	3.2
	Individual.....	74	4	.8	5.8	.7	1.5	4.6	11.9	8.2	20.1	.3	2.3	2.0
	Partnership.....	19	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>c</sup> .....	302	-	.6	4.3	.6	.8	2.6	10.0	7.9	17.9	.4	4.3	4.3
3561	Pumps and compressors, total .....	660	299	78.3	591.7	49.8	104.6	335.3	1,210.2	1,031.9	2,207.5	62.3	541.0	587.5
	Type of operation:													
	Multiunit companies, total.....	198	170	66.2	506.5	41.3	87.2	284.9	1,040.5	875.2	1,884.5	55.8	477.6	517.4
	Corporate ownership or control...	197	169	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	292	129	11.7	82.7	8.1	16.9	49.1	163.5	150.5	310.7	6.4	60.7	67.2
	Corporate ownership or control...	245	128	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(O)	(D)	(D)
	Noncorporate ownership.....	47	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>c</sup> .....	170	-	.4	2.5	.4	.5	1.3	6.3	6.2	12.3	.1	2.7	2.9
	Legal form of organization:													
	Corporate.....	442	297	77.5	586.6	49.1	103.5	332.4	1,196.1	1,021.0	2,182.7	61.9	536.5	582.8
	Noncorporate, total.....	48	2	.4	2.6	.3	.6	1.5	7.9	4.7	12.5	.2	1.9	1.8
	Individual.....	42	1	.3	1.9	.2	.4	1.0	6.0	3.3	9.3	.1	1.4	1.4
	Partnership.....	6	1	.1	.7	.1	.2	.5	1.9	1.4	3.2	.1	.5	.4
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>c</sup> .....	170	-	.4	2.5	.4	.5	1.3	6.3	6.2	12.3	.1	2.7	2.9
3562	Ball and roller bearings, total .....	124	97	58.8	456.0	47.5	100.9	343.5	833.3	510.8	1,328.5	107.1	303.2	318.0
	Type of operation:													
	Multiunit companies, total.....	77	75	56.3	437.9	45.4	96.5	330.2	801.4	492.6	1,277.0	105.0	291.9	308.2
	Corporate ownership or control...	76	74	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	1	(D)	(O)	(D)	(O)	(D)	(D)	(D)	(O)	(D)	(D)	(D)
	Single unit companies, total.....	36	22	2.5	17.8	2.1	4.3	13.1	31.4	17.9	50.8	2.1	11.2	9.7
	Corporate ownership or control...	31	22	(D)	(D)	(O)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	5	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>c</sup> .....	11	-	(Z)	.2	(Z)	.1	.2	.5	.3	.8	(Z)	.2	.2
	Legal form of organization:													
	Corporate.....	107	96	58.7	455.1	47.3	100.6	342.8	830.9	509.9	1,325.3	107.0	302.4	317.2
	Noncorporate, total.....	6	1	.1	.6	.1	.2	.5	2.0	.6	2.5	.1	.6	.7
	Individual.....	3	-	(D)	(O)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	3	1	(D)	(D)	(O)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>c</sup> .....	11	-	(Z)	.2	(Z)	.1	.2	.5	.3	.8	(Z)	.2	.2
3564	Blowers and fans, total .....	287	129	21.0	149.2	14.9	31.5	93.2	302.2	222.6	525.2	14.5	84.5	84.7
	Type of operation:													
	Multiunit companies, total.....	71	62	15.9	115.3	11.1	23.8	72.5	235.0	167.7	404.0	11.3	70.9	69.2
	Corporate ownership or control...	71	62	15.9	115.3	11.1	23.8	72.5	235.0	167.7	404.0	11.3	70.9	69.2
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	143	66	4.9	32.5	3.6	7.4	19.8	64.4	52.9	116.3	3.0	12.9	14.7
	Corporate ownership or control...	117	64	4.7	31.0	3.5	7.1	18.9	61.3	50.3	110.7	2.9	12.5	14.2
	Noncorporate ownership.....	26	2	.2	1.5	.2	.3	.9	3.1	2.6	5.6	.1	.4	.5
	Administrative records <sup>c</sup> .....	73	1	.2	1.4	.2	.3	.9	2.8	2.1	4.8	.2	.7	.7
	Legal form of organization:													
	Corporate.....	188	126	20.6	146.3	14.6	31.0	91.4	296.4	217.9	514.7	14.1	83.4	83.5
	Noncorporate, total.....	26	2	.2	1.5	.2	.3	.9	3.1	2.6	5.6	.1	.4	.5
	Individual.....	21	1	.1	.9	.1	.2	.6	1.9	1.5	3.5	(D)	.2	.3
	Partnership.....	5	1	.1	.6	.1	.1	.3	1.1	1.1	2.2	(D)	.2	.2
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>c</sup> .....	73	1	.2	1.4	.2	.3	.9	2.8	2.1	4.8	.2	.7	.7
3565	Industrial patterns, total .....	1,163	141	10.9	106.0	9.5	19.4	86.7	165.5	37.0	201.8	8.1	11.5	12.7
	Type of operation:													
	Multiunit companies, total.....	33	24	1.6	16.2	1.3	2.9	13.1	22.7	5.1	27.2	2.4	1.8	2.5
	Corporate ownership or control...	31	22	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	542	117	8.3	81.7	7.2	14.7	66.7	123.7	26.8	150.5	4.9	8.6	9.0
	Corporate ownership or control...	327	105	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	215	12	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>c</sup> .....	588	-	.9	8.2	.9	1.8	6.9	19.0	5.1	24.0	.8	1.2	1.2
	Legal form of organization:													
	Corporate.....	358	127	7.8	79.1	6.6	13.7	62.8	117.5	25.1	142.2	6.4	9.0	9.8
	Noncorporate, total.....	217	14	2.1	18.8	1.9	4.0	17.0	28.9	6.8	35.5	.8	1.3	1.7
	Individual.....	158	7	1.1	8.2	1.0	2.0	7.5	14.1	2.7	17.8	.6	.7	.8
	Partnership.....	57	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	2	-	(O)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>c</sup> .....	588	-	.9	8.2	.9	1.8	6.9	19.0	5.1	24.0	.8	1.2	1.2

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967—Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new <sup>2</sup>	Inventories end of—	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	1966 (million dollars)	1967 (million dollars)
3566	Power transmission equipment, total	513	303	54.8	409.4	40.6	83.4	273.6	800.7	483.8	1,263.4	57.3	266.5	289.3
	Type of operation:													
	Multiunit companies, total.....	120	111	37.9	281.0	27.7	56.0	187.6	549.7	333.5	865.0	35.9	203.8	222.4
	Corporate ownership or control...	119	110	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	295	192	16.7	126.9	12.7	27.0	84.9	247.6	148.2	392.7	21.3	61.6	65.8
	Corporate ownership or control...	264	185	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	31	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	98	-	.2	1.6	.2	.3	1.1	3.5	2.2	5.7	.1	1.1	1.1
	Legal form of organization:													
	Corporate.....	383	295	54.0	404.3	40.0	82.1	269.8	789.5	475.4	1,243.9	56.5	264.3	286.9
	Noncorporate, total.....	32	8	.5	3.5	.4	.9	2.8	7.7	6.3	13.9	.7	1.1	1.3
	Individual.....	22	4	.3	2.0	.2	.5	1.5	4.2	5.2	9.4	.5	.7	.7
	Partnership.....	10	4	.2	1.5	.2	.4	1.3	3.5	1.1	4.5	.1	.4	.6
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	98	-	.2	1.6	.2	.3	1.1	3.5	2.2	5.7	.1	1.1	1.1
3567	Industrial furnaces and ovens, total	255	117	16.1	129.3	8.9	18.3	58.2	259.4	236.1	495.7	11.6	64.4	66.5
	Type of operation:													
	Multiunit companies, total.....	55	46	10.7	86.8	5.5	11.4	36.0	179.1	165.2	344.5	8.0	42.4	43.2
	Corporate ownership or control...	55	46	10.7	86.8	5.5	11.4	36.0	179.1	165.2	344.5	8.0	42.4	43.2
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	125	71	5.2	41.3	3.3	6.8	21.7	78.3	68.9	147.2	3.4	21.4	22.7
	Corporate ownership or control...	111	69	5.1	40.5	3.2	6.6	21.0	75.7	67.6	143.1	3.3	21.2	22.6
	Noncorporate ownership.....	14	2	.1	.9	.1	.2	.6	2.6	1.4	4.0	.1	.1	.1
	Administrative records <sup>e</sup> .....	75	-	.1	1.1	.1	.2	.5	2.0	2.0	4.0	.2	.6	.6
	Legal form of organization:													
	Corporate.....	166	115	15.8	127.3	8.7	18.0	57.0	254.7	232.7	487.7	11.4	63.7	65.8
	Noncorporate, total.....	14	2	.1	.9	.1	.2	.6	2.6	1.4	4.0	.1	.1	.1
	Individual.....	12	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	75	-	.1	1.1	.1	.2	.5	2.0	2.0	4.0	.2	.6	.6
3569	General industrial machinery, N.E.C., total	758	346	39.4	295.4	25.4	52.3	163.2	535.9	379.5	901.2	30.5	174.3	194.8
	Type of operation:													
	Multiunit companies, total.....	156	143	24.3	183.3	14.9	31.1	96.8	332.6	231.7	553.7	20.8	125.8	141.7
	Corporate ownership or control...	154	142	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	415	203	14.7	109.2	10.2	20.8	65.1	195.9	143.1	335.3	9.3	46.4	51.0
	Corporate ownership or control...	337	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	78	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	187	-	.4	2.9	.3	.5	1.4	7.4	4.7	12.2	.4	2.1	2.1
	Legal form of organization:													
	Corporate.....	491	335	38.1	286.1	24.4	50.6	157.9	515.6	366.5	868.1	29.6	169.6	189.8
	Noncorporate, total.....	80	11	.9	6.3	.7	1.3	3.9	12.9	8.4	20.9	.5	2.6	2.9
	Individual.....	68	8	.7	4.9	.5	1.0	3.0	9.8	6.6	16.0	.3	2.3	2.6
	Partnership.....	10	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	187	-	.4	2.9	.3	.5	1.4	7.4	4.7	12.2	.4	2.1	2.1
3572	Typewriters, total	25	17	26.0	172.1	19.9	39.3	116.6	454.7	155.2	595.5	20.1	100.0	113.8
	Type of operation:													
	Multiunit companies, total.....	17	16	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Corporate ownership or control...	17	16	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	4	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Corporate ownership or control...	3	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership <sup>e</sup> .....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	4	-	(Z)	(Z)	(Z)	(Z)	(Z)	.1	(Z)	.1	(Z)	(Z)	(Z)
	Legal form of organization:													
	Corporate.....	20	17	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	4	-	(Z)	(Z)	(Z)	(Z)	(Z)	.1	(Z)	.1	(Z)	(Z)	(Z)
3573	Electronic computing equipment, total	178	140	98.9	803.5	50.7	104.2	314.5	1,926.4	1,875.6	3,770.9	117.1	883.7	985.6
	Type of operation:													
	Multiunit companies, total.....	106	99	94.4	770.8	47.8	98.5	296.8	1,868.8	1,842.5	3,683.2	112.7	870.2	968.2
	Corporate ownership or control...	105	98	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	72	41	4.5	32.7	2.9	5.7	17.7	57.5	33.2	87.6	4.4	13.4	17.4
	Corporate ownership or control...	65	40	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	7	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Legal form of organization:													
	Corporate.....	170	138	98.7	802.4	50.5	103.9	313.8	1,923.1	1,874.4	3,766.2	117.0	883.1	985.2
	Noncorporate, total.....	8	2	.2	1.1	.2	.3	.7	3.3	1.2	4.7	.1	.6	.4
	Individual.....	5	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	3	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	-	-	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.



TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967-Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new <sup>2</sup>	Inventories end of-	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
3574	Calculating and accounting machines, total .....	138	51	38.4	294.4	31.3	58.6	219.8	518.2	198.2	707.8	32.6	199.2	206.8
	Type of operation:													
	Multiunit companies, total.....	29	23	35.3	273.5	29.2	54.6	209.7	471.7	173.8	642.9	29.7	185.4	186.7
	Corporate ownership or control...	29	23	35.3	273.5	29.2	54.6	209.7	471.7	173.8	642.9	29.7	185.4	186.7
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	52	28	2.9	19.2	1.9	3.7	9.3	41.5	21.7	57.3	2.7	12.2	18.3
	Corporate ownership or control...	43	28	2.8	18.9	1.9	3.6	9.2	40.9	21.2	56.2	2.6	11.9	17.9
	Noncorporate ownership <sup>e</sup> .....	9	-	(Z)	.2	(Z)	(Z)	.1	.6	.5	1.1	(Z)	.3	.3
	Administrative records <sup>e</sup> .....	57	-	.2	1.7	.2	.3	.8	5.0	2.7	7.6	.2	1.6	1.6
	Legal form of organization:													
	Corporate.....	72	51	38.1	292.4	31.1	58.3	218.8	512.6	195.0	699.1	32.3	197.3	204.7
	Noncorporate, total <sup>e</sup> .....	9	-	(Z)	.2	(Z)	(Z)	.1	.6	.5	1.1	(Z)	.3	.3
	Individual <sup>e</sup> .....	9	-	(Z)	.2	(Z)	(Z)	.1	.6	.5	1.1	(Z)	.3	.3
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	57	-	.2	1.7	.2	.3	.8	5.0	2.7	7.6	.2	1.6	1.8
3576	Scales and balances, total .....	76	34	6.5	45.6	4.3	8.5	24.0	90.0	51.3	140.2	5.1	34.5	36.1
	Type of operation:													
	Multiunit companies, total.....	24	20	5.6	38.8	3.6	7.1	19.9	76.8	43.1	119.1	4.6	31.0	32.3
	Corporate ownership or control...	24	20	5.6	38.8	3.6	7.1	19.9	76.8	43.1	119.1	4.6	31.0	32.3
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	26	14	.9	6.4	.6	1.3	3.9	12.3	7.7	19.7	.4	3.2	3.5
	Corporate ownership or control...	21	14	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership <sup>e</sup> .....	5	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	26	-	.1	.4	.1	.1	.2	.9	.5	1.4	.1	.3	.3
	Legal form of organization:													
	Corporate.....	45	34	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total <sup>e</sup> .....	5	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual <sup>e</sup> .....	5	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	26	-	.1	.4	.1	.1	.2	.9	.5	1.4	.1	.3	.3
3579	Office machines, N.E.C., total .....	177	77	20.7	146.6	13.5	26.6	82.1	342.5	192.5	516.6	17.8	117.7	138.1
	Type of operation:													
	Multiunit companies, total.....	45	39	17.3	126.4	11.1	22.0	70.2	304.5	166.5	453.3	16.4	106.6	125.9
	Corporate ownership or control...	44	39	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	73	38	3.3	19.4	2.3	4.4	11.4	36.1	24.9	60.3	1.3	10.4	11.5
	Corporate ownership or control...	61	38	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership <sup>e</sup> .....	12	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	59	-	.1	.8	.1	.2	.5	1.9	1.1	3.0	.1	.7	.7
	Legal form of organization:													
	Corporate.....	105	77	20.5	145.4	13.3	26.3	81.3	339.9	191.1	512.6	17.8	116.8	137.2
	Noncorporate, total <sup>e</sup> .....	13	-	.1	.4	.1	.1	.3	.6	.3	1.0	(Z)	.2	.2
	Individual <sup>e</sup> .....	12	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	59	-	.1	.8	.1	.2	.5	1.9	1.1	3.0	.1	.7	.7
3581	Automatic merchandising machines, total.....	150	56	10.0	59.2	7.8	14.8	39.6	140.8	122.5	248.0	5.5	63.9	77.8
	Type of operation:													
	Multiunit companies, total.....	26	23	7.0	41.7	5.4	10.2	28.0	104.9	92.8	183.0	4.0	50.4	64.2
	Corporate ownership or control...	26	23	7.0	41.7	5.4	10.2	28.0	104.9	92.8	183.0	4.0	50.4	64.2
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	67	33	2.9	16.9	2.3	4.4	11.1	34.5	28.5	62.5	1.5	13.0	13.0
	Corporate ownership or control...	59	33	2.8	16.6	2.2	4.3	10.9	33.9	27.1	60.5	1.4	12.7	12.7
	Noncorporate ownership <sup>e</sup> .....	8	-	.1	.3	(Z)	.1	.2	.6	1.4	1.9	(Z)	.2	.3
	Administrative records <sup>e</sup> .....	57	-	.1	.7	.1	.2	.5	1.4	1.2	2.6	.1	.6	.6
	Legal form of organization:													
	Corporate.....	85	56	9.9	58.3	7.6	14.5	38.9	138.8	119.9	243.5	5.4	63.1	76.9
	Noncorporate, total.....	8	-	.1	.3	(Z)	.1	.2	.6	1.4	1.9	(Z)	.2	.3
	Individual <sup>e</sup> .....	7	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	57	-	.1	.7	.1	.2	.5	1.4	1.2	2.6	.1	.6	.6
3582	Commercial laundry equipment, total.....	117	54	7.5	50.9	5.4	11.2	32.5	96.4	85.9	183.1	4.9	42.3	41.6
	Type of operation:													
	Multiunit companies, total.....	23	20	4.4	30.7	3.1	6.6	19.8	58.5	49.5	109.0	3.4	30.1	28.3
	Corporate ownership or control...	23	20	4.4	30.7	3.1	6.6	19.8	58.5	49.5	109.0	3.4	30.1	28.3
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	60	34	3.0	19.8	2.3	4.5	12.4	36.7	35.4	71.8	1.5	11.7	12.8
	Corporate ownership or control...	52	34	2.9	19.4	2.2	4.4	12.1	35.6	34.5	69.8	1.4	11.6	12.6
	Noncorporate ownership <sup>e</sup> .....	8	-	.1	.4	(Z)	.1	.3	1.1	.9	2.0	(Z)	.2	.2
	Administrative records <sup>e</sup> .....	34	-	.1	.4	.1	.3	.3	1.2	1.1	2.2	.1	.5	.5
	Legal form of organization:													
	Corporate.....	75	54	7.3	50.1	5.3	11.0	31.9	94.1	83.9	178.8	4.8	41.6	40.9
	Noncorporate, total.....	8	-	.1	.4	(Z)	.1	.3	1.1	.9	2.0	(Z)	.2	.2
	Individual <sup>e</sup> .....	7	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	34	-	.1	.4	.1	.3	.3	1.2	1.1	2.2	.1	.5	.5

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967-Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new <sup>2</sup> (million dollars)	Inventories end of--	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
3585	Refrigeration machinery, total .....	682	360	94.8	640.4	69.6	141.0	423.9	1,479.8	1,682.1	3,101.1	109.3	638.6	713.9
	Type of operation:													
	Multiunit companies, total.....	197	182	78.1	532.0	57.3	116.3	356.8	1,273.8	1,460.3	2,677.7	101.5	570.5	637.0
	Corporate ownership or control...	196	181	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	313	178	16.3	105.7	11.9	24.2	65.4	199.7	214.1	409.4	7.4	65.1	74.0
	Corporate ownership or control...	276	174	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	37	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	172	-	.4	2.7	.4	.6	1.7	6.3	7.7	13.9	.3	2.9	2.9
	Legal form of organization:													
	Corporate.....	472	355	94.0	635.2	68.9	139.8	420.6	1,467.9	1,669.3	3,076.4	108.1	634.1	709.5
	Noncorporate, total.....	38	5	.4	2.5	.3	.7	1.6	5.6	5.1	10.8	.9	1.6	1.5
	Individual <sup>e</sup> .....	33	4	.3	2.2	.3	.5	1.4	4.4	4.2	8.7	.9	1.4	1.3
	Partnership.....	5	1	.1	.3	.1	.1	.2	1.1	.9	2.1	-	.2	.2
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	172	-	.4	2.7	.4	.6	1.7	6.3	7.7	13.9	.3	2.9	2.9
3586	Measuring and dispensing pumps, total .....	49	23	6.4	45.6	4.3	8.9	25.1	94.8	81.0	174.7	3.8	42.7	43.7
	Type of operation:													
	Multiunit companies, total.....	18	14	5.6	40.5	3.7	7.5	21.6	84.9	71.7	155.7	3.1	39.3	40.3
	Corporate ownership or control...	18	14	5.6	40.5	3.7	7.5	21.6	84.9	71.7	155.7	3.1	39.3	40.3
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	22	9	.8	5.0	.7	1.4	3.4	9.6	9.0	18.5	.7	3.3	3.3
	Corporate ownership or control...	16	7	.6	4.2	.5	1.0	2.8	7.8	7.4	15.3	(D)	2.9	2.7
	Noncorporate ownership.....	6	2	.2	.8	.2	.4	.7	1.8	1.6	3.2	(D)	.4	.5
	Administrative records <sup>e</sup> .....	9	-	(Z)	.1	(Z)	(Z)	.1	.3	.3	.6	(Z)	.1	.1
	Legal form of organization:													
	Corporate.....	34	21	6.2	44.7	4.2	8.5	24.3	92.7	79.2	171.0	(D)	42.2	43.0
	Noncorporate, total.....	6	2	.2	.8	.2	.4	.7	1.8	1.6	3.2	(D)	.4	.5
	Individual <sup>e</sup> .....	4	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	9	-	(Z)	.1	(Z)	(Z)	.1	.3	.3	.6	(Z)	.1	.1
3589	Service industry machines, N.E.C., total .....	575	187	20.9	150.7	13.5	27.2	82.4	313.3	290.7	598.1	10.6	103.6	114.7
	Type of operation:													
	Multiunit companies, total.....	97	78	12.1	85.9	7.4	15.2	45.9	177.8	169.0	344.1	6.4	70.3	76.5
	Corporate ownership or control...	95	76	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	250	109	8.4	61.5	5.7	11.3	34.9	128.0	114.5	239.3	4.1	30.6	35.5
	Corporate ownership or control...	206	101	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	44	8	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	228	-	.5	3.3	.5	.7	1.7	7.5	7.2	14.7	.1	2.7	2.7
	Legal form of organization:													
	Corporate.....	301	177	19.4	141.0	12.2	25.0	76.2	291.5	270.4	556.6	9.4	97.3	107.6
	Noncorporate, total.....	46	10	1.0	6.4	.8	1.6	4.6	14.2	13.1	26.8	1.1	3.6	4.4
	Individual <sup>e</sup> .....	36	1	.3	2.2	.3	.6	1.7	4.9	5.0	9.8	(D)	.7	1.2
	Partnership.....	9	8	.4	2.4	.3	.6	1.7	6.1	4.0	9.9	(D)	1.9	2.1
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	228	-	.5	3.3	.5	.7	1.7	7.5	7.2	14.7	.1	2.7	2.7
3599	Miscellaneous machinery, except electrical, total .....	15,109	2,249	202.5	1,443.1	168.8	346.2	1,092.8	2,531.2	1,198.9	3,712.0	179.1	345.3	368.6
	Type of operation:													
	Multiunit companies, total.....	327	256	52.3	385.7	40.6	84.4	277.7	676.6	401.1	1,072.1	47.8	170.9	176.4
	Corporate ownership or control...	318	254	52.2	385.3	40.5	84.3	277.4	676.0	400.9	1,071.3	(D)	170.8	176.3
	Noncorporate ownership.....	9	2	.1	.4	.1	.1	.3	.7	.2	.8	(D)	.1	.1
	Single unit companies, total.....	7,214	1,993	135.1	976.7	113.1	236.3	747.4	1,661.9	707.5	2,356.8	122.4	151.5	169.4
	Corporate ownership or control...	4,943	1,851	116.7	862.8	96.3	203.5	646.8	1,444.2	622.6	2,056.2	(D)	138.9	153.8
	Noncorporate ownership.....	2,271	142	18.4	113.9	16.8	32.8	100.6	217.6	84.9	300.6	(D)	12.7	15.6
	Administrative records <sup>e</sup> .....	7,568	-	15.1	80.7	15.1	25.5	67.8	192.7	90.3	283.1	8.9	22.9	22.8
	Legal form of organization:													
	Corporate.....	5,261	2,105	168.9	1,248.1	136.9	287.8	924.2	2,120.2	1,023.5	3,127.5	153.9	309.6	330.1
	Noncorporate, total.....	2,280	144	18.5	114.3	16.9	33.0	100.9	218.3	85.1	301.5	16.4	12.8	15.7
	Individual <sup>e</sup> .....	1,919	82	13.5	82.1	12.4	23.8	72.5	155.9	60.4	215.0	11.6	9.0	11.0
	Partnership.....	345	53	4.5	28.7	4.0	8.2	25.5	56.3	22.6	78.4	4.5	3.5	4.3
	Other.....	16	9	.5	3.5	.5	.9	2.9	6.0	2.1	8.0	.3	.2	.4
	Administrative records <sup>e</sup> .....	7,568	-	15.1	80.7	15.1	25.5	67.8	192.7	90.3	283.1	8.9	22.9	22.8
36	Electrical equip. and supplies, total .....	10,706	5,572	1,874.9	12,968.0	1,323.8	2,611.3	7,607.0	24,487.3	19,437.3	43,361.0	1,537.2	7,916.3	8,526.6
	Type of operation:													
	Multiunit companies, total.....	3,113	2,874	1,640.6	11,597.5	1,143.5	2,259.8	6,756.3	21,932.1	17,459.8	38,875.7	1,427.7	7,272.0	7,814.5
	Corporate ownership or control...	3,089	2,855	637.0	11,573.7	1,140.3	2,254.1	6,740.2	21,888.9	17,435.6	38,810.9	1,426.3	7,263.1	7,800.6
	Noncorporate ownership.....	24	19	3.7	23.7	3.1	5.7	16.1	43.2	24.1	64.7	1.3	8.9	13.9
	Single unit companies, total.....	4,567	2,692	226.5	1,327.7	173.2	340.3	823.7	2,458.9	1,904.8	4,316.3	106.5	616.5	683.9
	Corporate ownership or control...	3,917	2,617	219.2	1,290.4	166.9	328.7	796.0	2,381.3	1,846.5	4,183.9	102.2	603.2	666.1
	Noncorporate ownership.....	650	75	7.4	37.3	6.4	11.6	27.7	77.6	58.3	132.4	4.3	13.3	17.9
	Administrative records <sup>e</sup> .....	3,026	6	7.6	42.6	7.2	11.2	27.1	96.2	72.8	168.9	3.2	27.9	27.9
	Legal form of organization:													
	Corporate.....	7,006	5,472	1,856.1	12,864.3	1,307.2	2,582.7	7,536.2	24,270.3	19,282.2	42,994.8	1,528.6	7,866.3	8,466.8
	Noncorporate, total.....	674	94	11.0	61.0	9.5	17.3	43.8	120.8	82.5	197.2	5.6	22.2	31.7
	Individual <sup>e</sup> .....	578	42	6.4	31.5	5.6	10.3	23.5	63.7	39.1	99.5	3.8	10.2	14.4
	Partnership.....	81	42	2.7	13.8	2.2	4.1	10.2	31.2	29.9	60.7	1.2	5.5	6.4
	Other.....	15	10	1.9	15.7	1.7	2.9	10.2	26.0	13.4	37.0	.7	6.4	10.9
	Administrative records <sup>e</sup> .....	3,026	6	7.6	42.6	7.2	11.2	27.1	96.2	72.8	168.9	3.2	27.9	27.9

See footnotes at end of table.



TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967-Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new <sup>2</sup> (million dollars)	Inventories end of--	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
3611	Electric measuring instruments, total	546	274	61.5	423.9	40.4	78.7	222.3	799.7	397.0	1,184.0	53.7	275.8	283.9
	Type of operation:													
	Multiunit companies, total.....	152	128	49.6	346.4	32.0	62.0	179.5	659.3	313.6	963.7	46.8	238.1	239.6
	Corporate ownership or control...	150	126	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	238	146	11.6	75.4	8.1	16.2	41.4	136.6	81.1	214.2	6.8	36.3	42.8
	Corporate ownership or control...	201	141	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	37	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	156	-	.4	2.1	.4	.5	1.4	3.9	2.3	6.2	.1	1.5	1.5
	Legal form of organization:													
	Corporate.....	351	267	60.6	418.1	39.6	77.2	218.2	789.2	390.8	1,167.5	53.3	272.0	279.0
	Noncorporate, total.....	39	7	.6	3.8	.5	.9	2.7	6.6	3.9	10.3	.3	2.3	2.6
	Individual <sup>e</sup> .....	33	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	4	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	156	-	.4	2.1	.4	.5	1.4	3.9	2.3	6.2	.1	1.5	1.5
3612	Transformers, total.....	190	122	45.6	317.6	34.0	68.5	210.1	678.9	531.8	1,188.4	52.8	209.8	240.3
	Type of operation:													
	Multiunit companies, total.....	81	74	42.6	298.9	31.6	63.8	198.3	643.4	499.7	1,121.3	51.6	200.3	229.4
	Corporate ownership or control...	81	74	42.6	298.9	31.6	63.8	198.3	643.4	499.7	1,121.3	51.6	200.3	229.4
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	76	48	3.0	18.0	2.3	4.6	11.5	34.3	30.9	64.7	1.1	9.0	10.5
	Corporate ownership or control...	63	46	2.9	17.4	2.2	4.4	11.0	33.5	30.1	63.1	1.1	8.9	10.3
	Noncorporate ownership <sup>e</sup> .....	13	2	.1	.5	.1	.2	.4	.8	.8	1.6	(Z)	.2	.2
	Administrative records <sup>e</sup> .....	33	-	.1	.7	.1	.1	.4	1.3	1.1	2.4	.1	.5	.5
	Legal form of organization:													
	Corporate.....	144	120	45.4	316.3	33.8	68.2	209.3	676.9	529.8	1,184.4	52.7	209.2	239.7
	Noncorporate, total <sup>e</sup> .....	13	2	.1	.5	.1	.2	.4	.8	.8	1.6	(Z)	.2	.2
	Individual <sup>e</sup> .....	12	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	33	-	.1	.7	.1	.1	.4	1.3	1.1	2.4	.1	.5	.5
3613	Switchgear and switchboard apparatus, total.....	482	283	68.5	488.0	49.7	100.5	304.9	1,030.3	669.7	1,690.0	39.1	330.7	338.2
	Type of operation:													
	Multiunit companies, total.....	158	142	58.8	420.0	42.5	86.1	263.8	906.9	569.2	1,467.7	35.6	298.6	302.9
	Corporate ownership or control...	158	142	58.8	420.0	42.5	86.1	263.8	906.9	569.2	1,467.7	35.6	298.6	302.9
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	222	141	9.5	66.2	6.9	14.0	40.1	119.8	98.0	216.1	3.4	30.9	34.2
	Corporate ownership or control...	204	141	9.4	65.6	6.8	13.9	39.6	118.5	97.1	214.0	3.4	30.7	33.9
	Noncorporate ownership <sup>e</sup> .....	18	-	.1	.6	.1	.2	.4	1.2	1.0	2.1	(Z)	.2	.3
	Administrative records <sup>e</sup> .....	102	-	.3	1.7	.3	.4	1.1	3.6	2.5	6.2	.1	1.2	1.2
	Legal form of organization:													
	Corporate.....	362	283	68.2	485.6	49.3	100.0	303.4	1,025.4	666.2	1,681.7	39.0	329.3	336.8
	Noncorporate, total <sup>e</sup> .....	18	-	.1	.6	.1	.2	.4	1.2	1.0	2.1	(Z)	.2	.3
	Individual <sup>e</sup> .....	17	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	102	-	.3	1.7	.3	.4	1.1	3.6	2.5	6.2	.1	1.2	1.2
3621	Motors and generators, total.....	409	279	112.8	764.6	85.3	172.3	514.4	1,430.8	977.5	2,402.3	102.5	436.3	457.4
	Type of operation:													
	Multiunit companies, total.....	193	179	102.2	704.2	77.1	156.2	474.5	1,327.6	890.5	2,213.3	97.0	405.1	424.8
	Corporate ownership or control...	192	179	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	146	100	10.4	59.6	8.1	15.8	39.2	101.6	85.8	186.2	5.5	30.7	32.1
	Corporate ownership or control...	131	95	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership <sup>e</sup> .....	15	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	70	-	.2	.9	.2	.2	.7	1.6	1.2	2.8	(Z)	.5	.5
	Legal form of organization:													
	Corporate.....	323	274	112.3	762.6	84.9	171.6	512.8	1,427.3	975.1	2,396.3	102.4	435.3	456.5
	Noncorporate, total.....	16	5	.3	1.1	.3	.4	.9	1.9	1.2	3.2	.1	.5	.4
	Individual <sup>e</sup> .....	15	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	70	-	.2	.9	.2	.2	.7	1.6	1.2	2.8	(Z)	.5	.5
3622	Industrial controls, total.....	476	169	50.4	350.9	34.8	69.6	210.7	720.9	388.6	1,102.8	34.3	217.7	224.2
	Type of operation:													
	Multiunit companies, total.....	87	71	41.7	291.2	28.7	57.7	177.8	606.2	317.2	918.4	29.6	186.7	190.0
	Corporate ownership or control...	87	71	41.7	291.2	28.7	57.7	177.8	606.2	317.2	918.4	29.6	186.7	190.0
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	233	98	8.4	57.1	5.7	11.4	31.4	108.5	68.5	175.3	4.4	29.6	32.7
	Corporate ownership or control...	203	97	8.2	55.7	5.5	11.1	30.5	105.4	67.1	171.0	4.3	29.0	32.1
	Noncorporate ownership <sup>e</sup> .....	30	1	.2	1.4	.2	.3	.8	3.0	1.3	4.4	.1	.6	.6
	Administrative records <sup>e</sup> .....	156	-	.4	2.6	.4	.5	1.5	6.2	2.9	9.1	.3	1.4	1.4
	Legal form of organization:													
	Corporate.....	290	168	49.8	346.9	34.2	68.7	208.4	711.6	384.4	1,089.3	34.0	215.7	222.1
	Noncorporate, total <sup>e</sup> .....	30	1	.2	1.4	.2	.3	.8	3.0	1.3	4.4	.1	.6	.6
	Individual <sup>e</sup> .....	29	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	156	-	.4	2.6	.4	.5	1.5	6.2	2.9	9.1	.3	1.4	1.4

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967—Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new* (million dollars)	Inventories end of—	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
3623	Welding apparatus, total.....	147	92	13.7	118.4	9.4	19.8	72.9	265.3	237.8	493.3	18.1	89.0	98.5
	Type of operation:													
	Multiunit companies, total.....	49	45	9.9	86.1	6.7	13.7	52.6	207.9	194.2	393.3	16.4	74.0	81.9
	Corporate ownership or control...	48	44	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	72	47	3.7	31.9	2.7	6.0	20.1	56.4	42.4	97.9	1.7	14.6	16.3
	Corporate ownership or control...	66	46	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	6	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>c</sup> .....	26	-	.1	.4	.1	.1	.3	1.0	1.1	2.1	.1	.4	.4
	Legal form of organization:													
	Corporate.....	114	90	13.6	117.6	9.3	19.6	72.4	263.6	236.1	490.1	18.0	88.5	98.0
	Noncorporate, total.....	7	2	.1	.4	.1	.1	.3	.7	.5	1.2	(Z)	.1	.2
	Individual.....	5	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>c</sup> .....	26	-	.1	.4	.1	.1	.3	1.0	1.1	2.1	.1	.4	.4
3624	Carbon and graphite products, total..	65	42	11.9	82.8	9.1	18.5	57.8	186.3	117.8	296.4	41.3	61.6	69.4
	Type of operation:													
	Multiunit companies, total.....	27	24	10.3	73.6	7.9	16.0	52.0	170.6	109.5	272.9	40.6	58.7	65.6
	Corporate ownership or control...	26	23	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	32	18	1.6	9.1	1.2	2.5	5.8	15.4	8.1	23.1	.6	2.8	3.6
	Corporate ownership or control...	28	17	1.5	8.9	1.2	2.4	5.6	15.1	7.9	22.6	.6	2.8	3.6
	Noncorporate ownership <sup>c</sup> .....	4	1	(Z)	.2	(Z)	.1	.1	.3	.2	.5	(Z)	.1	.1
	Administrative records <sup>c</sup> .....	6	-	(Z)	.1	(Z)	(Z)	.1	.3	.2	.5	(Z)	.1	.1
	Legal form of organization:													
	Corporate.....	54	40	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	5	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual.....	4	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>c</sup> .....	6	-	(Z)	.1	(Z)	(Z)	.1	.3	.2	.5	(Z)	.1	.1
3629	Electrical industrial apparatus, nec, total.....	219	123	17.9	103.7	14.0	27.4	69.2	188.3	141.3	328.8	12.3	71.9	71.3
	Type of operation:													
	Multiunit companies, total.....	60	57	12.2	72.7	9.4	18.7	48.4	136.2	104.6	240.6	9.7	58.6	57.4
	Corporate ownership or control...	59	56	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	110	66	5.6	30.2	4.5	8.4	20.3	50.5	35.5	85.4	2.6	12.8	13.4
	Corporate ownership or control...	90	63	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	20	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>c</sup> .....	49	-	.1	.8	.1	.2	.6	1.7	1.2	2.8	.1	.5	.5
	Legal form of organization:													
	Corporate.....	149	119	17.4	101.3	13.5	26.5	67.3	183.7	138.1	321.0	11.8	70.9	70.2
	Noncorporate, total.....	21	4	.4	1.6	.4	.7	1.3	3.0	2.0	5.0	.5	.5	.6
	Individual.....	17	1	.2	.8	.2	.4	.6	1.5	.7	2.2	(D)	.4	.4
	Partnership.....	4	3	.2	.8	.1	.3	.7	1.5	1.3	2.8	(D)	.1	.1
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>c</sup> .....	49	-	.1	.8	.1	.2	.6	1.7	1.2	2.8	.1	.5	.5
3631	Household cooking equipment, total...	73	49	20.4	128.4	16.0	31.3	88.7	254.2	293.6	551.9	8.6	112.3	107.9
	Type of operation:													
	Multiunit companies, total.....	31	28	16.6	106.9	12.9	25.1	73.2	214.6	240.4	460.1	7.5	96.0	91.4
	Corporate ownership or control...	31	28	16.6	106.9	12.9	25.1	73.2	214.6	240.4	460.1	7.5	96.0	91.4
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	32	21	3.7	21.4	3.0	6.1	15.5	39.3	52.8	91.0	1.1	16.2	16.3
	Corporate ownership or control...	26	21	3.7	21.3	3.0	6.1	15.4	39.2	52.5	90.7	1.1	16.1	16.3
	Noncorporate ownership <sup>c</sup> .....	6	-	(Z)	.1	(Z)	(Z)	.1	.2	.2	.4	-	.1	.1
	Administrative records <sup>c</sup> .....	10	-	(Z)	.1	(Z)	(Z)	.1	.3	.4	.7	-	.1	.1
	Legal form of organization:													
	Corporate.....	57	49	20.3	128.2	15.9	31.2	88.6	253.8	293.0	550.8	8.6	112.2	107.7
	Noncorporate, total.....	6	-	(Z)	.1	(Z)	(Z)	.1	.2	.2	.4	-	.1	.1
	Individual.....	6	-	(Z)	.1	(Z)	(Z)	.1	.2	.2	.4	-	.1	.1
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>c</sup> .....	10	-	(Z)	.1	(Z)	(Z)	.1	.3	.4	.7	-	.1	.1
3632	Household refrigerators and freezers, total.....	36	25	53.0	377.8	43.9	84.5	290.2	794.0	1,025.5	1,785.4	37.3	311.0	336.0
	Type of operation:													
	Multiunit companies, total.....	20	20	52.4	373.5	43.4	83.4	287.1	785.9	1,014.5	1,766.1	37.2	308.5	333.7
	Corporate ownership or control...	20	20	52.4	373.5	43.4	83.4	287.1	785.9	1,014.5	1,766.1	37.2	308.5	333.7
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	7	5	.6	4.2	.5	1.1	3.0	7.9	10.7	18.9	.1	2.4	2.2
	Corporate ownership or control...	5	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership <sup>c</sup> .....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>c</sup> .....	9	-	(Z)	.1	(Z)	(Z)	.1	.2	.3	.5	(Z)	.1	.1
	Legal form of organization:													
	Corporate.....	25	25	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual.....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>c</sup> .....	9	-	(Z)	.1	(Z)	(Z)	.1	.2	.3	.5	(Z)	.1	.1

See footnotes at end of table.



TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967—Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new <sup>2</sup> (million dollars)	Inventories end of—	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
3633	Household laundry equipment, total...	35	28	22.2	154.2	17.8	33.7	113.8	408.4	562.3	982.5	31.8	153.7	138.6
	Type of operation:													
	Multiunit companies, total.....	26	25	21.8	151.9	17.5	33.0	112.1	404.8	555.5	972.2	31.6	152.9	137.7
	Corporate ownership or control...	26	25	21.8	151.9	17.5	33.0	112.1	404.8	555.5	972.2	31.6	152.9	137.7
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	5	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Corporate ownership or control...	4	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership <sup>e</sup> .....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	4	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Legal form of organization:													
	Corporate.....	30	28	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total <sup>e</sup> .....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual <sup>e</sup> .....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	4	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3634	Electric housewares and fans, total	290	143	44.6	241.1	35.5	69.1	161.0	590.4	518.5	1,112.0	24.6	241.9	236.2
	Type of operation:													
	Multiunit companies, total.....	93	89	39.7	216.8	31.4	61.2	145.0	536.2	467.5	1,006.4	22.5	226.1	220.3
	Corporate ownership or control...	93	89	39.7	216.8	31.4	61.2	145.0	536.2	467.5	1,006.4	22.5	226.1	220.3
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	101	54	4.6	23.1	3.8	7.6	15.2	51.1	48.4	99.8	2.0	14.8	15.0
	Corporate ownership or control...	85	54	4.6	22.8	3.8	7.5	15.0	50.4	47.8	98.4	2.0	14.6	14.8
	Noncorporate ownership <sup>e</sup> .....	16	-	.1	.3	.1	.1	.2	.8	.6	1.4	(Z)	.2	.2
	Administrative records <sup>e</sup> .....	96	-	.2	1.2	.2	.4	.8	3.1	2.7	5.8	.1	1.0	1.0
	Legal form of organization:													
	Corporate.....	178	143	44.3	239.6	35.1	68.7	160.0	586.5	515.3	1,104.8	24.5	240.7	235.1
	Noncorporate, total <sup>e</sup> .....	16	-	.1	.3	.1	.1	.2	.8	.6	1.4	(Z)	.2	.2
	Individual <sup>e</sup> .....	16	-	.1	.3	.1	.1	.2	.8	.6	1.4	(Z)	.2	.2
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	96	-	.2	1.2	.2	.4	.8	3.1	2.7	5.8	.1	1.0	1.0
3635	Household vacuum cleaners, total....	34	17	9.2	58.8	7.1	13.2	39.6	181.4	116.5	293.2	6.5	51.9	56.5
	Type of operation:													
	Multiunit companies, total.....	10	10	8.8	56.4	6.7	12.5	38.1	177.0	110.5	282.8	6.4	50.5	55.0
	Corporate ownership or control...	10	10	8.8	56.4	6.7	12.5	38.1	177.0	110.5	282.8	6.4	50.5	55.0
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	15	7	.4	2.3	.3	.6	1.4	3.9	5.7	9.5	.1	1.3	1.4
	Corporate ownership or control...	13	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	9	-	(Z)	.2	(Z)	(Z)	.1	.5	.3	.9	(Z)	.1	.1
	Legal form of organization:													
	Corporate.....	23	17	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual <sup>e</sup> .....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	9	-	(Z)	.2	(Z)	(Z)	.1	.5	.3	.9	(Z)	.1	.1
3636	Sewing machines, total.....	86	21	6.4	49.3	4.9	9.7	34.7	94.1	31.2	123.6	5.6	48.6	51.2
	Type of operation:													
	Multiunit companies, total.....	9	8	5.6	43.6	4.3	8.4	30.6	81.4	21.7	102.4	5.0	44.3	45.7
	Corporate ownership or control...	8	8	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	31	13	.7	5.2	.6	1.2	3.7	10.9	8.9	18.8	.5	3.2	4.3
	Corporate ownership or control...	25	13	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership <sup>e</sup> .....	6	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	46	-	.1	.5	.1	.1	.4	1.8	.6	2.4	(Z)	1.2	1.2
	Legal form of organization:													
	Corporate.....	33	21	6.3	48.5	4.8	9.6	34.1	91.8	30.5	120.5	5.5	47.3	49.9
	Noncorporate, total.....	7	-	(Z)	.3	(Z)	.1	.2	.5	.1	.6	(Z)	.1	.1
	Individual <sup>e</sup> .....	6	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	46	-	.1	.5	.1	.1	.4	1.8	.6	2.4	(Z)	1.2	1.2
3639	Household appliances, N.E.C., total	83	54	13.4	90.9	10.0	20.6	60.1	217.7	265.6	479.9	10.7	67.5	75.5
	Type of operation:													
	Multiunit companies, total.....	42	41	11.8	78.8	8.6	17.7	51.0	195.9	229.7	421.9	9.0	62.1	69.3
	Corporate ownership or control...	41	40	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	23	13	1.6	11.8	1.3	2.8	8.9	21.1	35.0	56.4	1.6	5.2	5.9
	Corporate ownership or control...	21	13	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership <sup>e</sup> .....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	18	-	(Z)	.3	(Z)	.1	.2	.8	.9	1.6	(Z)	.2	.2
	Legal form of organization:													
	Corporate.....	62	53	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	3	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual <sup>e</sup> .....	3	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	18	-	(Z)	.3	(Z)	.1	.2	.8	.9	1.6	(Z)	.2	.2

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967—Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new <sup>2</sup> (million dollars)	Inventories end of—	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
3641	Electric lamps, total .....	106	65	29.5	169.9	25.8	49.9	136.0	533.4	252.6	781.8	48.2	79.2	83.7
	Type of operation:													
	Multiunit companies, total .....	49	46	28.0	163.0	24.5	47.5	130.8	517.3	240.2	753.7	47.9	76.8	80.9
	Corporate ownership or control .....	49	46	28.0	163.0	24.5	47.5	130.8	517.3	240.2	753.7	47.9	76.8	80.9
	Noncorporate ownership .....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total .....	26	19	1.4	6.4	1.2	2.3	4.8	15.0	11.8	26.5	.3	2.2	2.6
	Corporate ownership or control .....	22	19	1.3	6.3	1.1	2.2	4.7	14.7	11.6	26.0	.3	2.1	2.6
	Noncorporate ownership .....	4	-	(2)	.1	(2)	(2)	.1	.3	.2	.5	(2)	.1	.1
	Administrative records <sup>e</sup> .....	31	-	.1	.4	.1	.1	.4	1.1	.6	1.7	(2)	.2	.2
	Legal form of organization:													
	Corporate .....	71	65	29.4	169.3	25.6	49.7	135.6	532.0	251.8	779.6	48.2	78.9	83.5
	Noncorporate, total <sup>e</sup> .....	4	-	(2)	.1	(2)	(2)	.1	.3	.2	.5	(2)	.1	.1
	Individual <sup>e</sup> .....	4	-	(2)	.1	(2)	(2)	.1	.3	.2	.5	(2)	.1	.1
	Partnership .....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other .....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	31	-	.1	.4	.1	.1	.4	1.1	.6	1.7	(2)	.2	.2
3642	Lighting fixtures, total .....	1,213	524	64.6	388.0	50.0	98.8	252.6	828.6	769.3	1,593.6	32.7	240.8	246.5
	Type of operation:													
	Multiunit companies, total .....	170	154	37.3	233.5	28.3	57.0	152.9	513.3	452.1	962.2	23.5	163.2	164.6
	Corporate ownership or control .....	170	154	37.3	233.5	28.3	57.0	152.9	513.3	452.1	962.2	23.5	163.2	164.6
	Noncorporate ownership .....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total .....	616	370	26.3	148.8	20.7	40.2	95.8	300.3	302.1	601.3	8.9	73.4	77.7
	Corporate ownership or control .....	534	362	25.4	144.0	19.9	38.7	92.2	289.6	289.0	577.4	8.7	71.3	75.2
	Noncorporate ownership .....	82	8	.9	4.8	.8	1.5	3.6	10.8	13.1	23.9	.2	2.2	2.2
	Administrative records <sup>e</sup> .....	427	-	1.1	5.7	1.1	1.6	3.9	15.0	15.1	30.0	.4	4.2	4.2
	Legal form of organization:													
	Corporate .....	704	516	62.6	377.5	48.2	95.7	245.1	802.8	741.1	1,539.7	32.2	234.5	240.1
	Noncorporate, total .....	82	8	.9	4.8	.8	1.5	3.6	10.8	13.1	23.9	.2	2.2	2.2
	Individual <sup>e</sup> .....	69	3	.5	2.5	.4	.8	1.8	5.3	5.1	10.3	.1	1.2	1.3
	Partnership .....	13	5	.4	2.3	.4	.7	1.8	5.5	8.1	13.5	(2)	.9	1.0
	Other .....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	427	-	1.1	5.7	1.1	1.6	3.9	15.0	15.1	30.0	.4	4.2	4.2
3643	Current-carrying wiring devices, total .....	375	185	40.1	234.4	30.5	60.1	151.3	507.4	330.0	837.0	29.8	160.5	162.5
	Type of operation:													
	Multiunit companies, total .....	97	89	31.9	189.3	23.8	46.9	121.5	416.1	264.4	681.2	25.8	140.8	140.1
	Corporate ownership or control .....	97	89	31.9	189.3	23.8	46.9	121.5	416.1	264.4	681.2	25.8	140.8	140.1
	Noncorporate ownership .....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total .....	163	96	7.8	43.3	6.4	12.7	28.7	86.5	62.2	147.8	3.9	18.5	21.1
	Corporate ownership or control .....	141	91	7.6	42.2	6.1	12.3	27.7	83.9	59.7	142.5	3.8	17.9	20.5
	Noncorporate ownership .....	22	5	.3	1.2	.2	.4	1.0	2.7	2.5	5.2	.1	.5	.5
	Administrative records <sup>e</sup> .....	115	-	.4	1.7	.3	.5	1.1	4.6	3.3	8.0	.1	1.3	1.3
	Legal form of organization:													
	Corporate .....	238	180	39.4	231.5	30.0	59.1	149.2	500.1	324.1	823.8	29.7	158.7	160.7
	Noncorporate, total .....	22	5	.3	1.2	.2	.4	1.0	2.7	2.5	5.2	.1	.5	.5
	Individual <sup>e</sup> .....	15	2	.2	.6	.1	.2	.5	1.2	.8	2.1	(2)	.3	.3
	Partnership .....	6	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.2
	Other .....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	115	-	.4	1.7	.3	.5	1.1	4.6	3.3	8.0	.1	1.3	1.3
3644	Noncurrent-carrying wiring devices, total .....	174	105	22.9	158.1	16.8	33.5	102.0	344.7	297.4	637.9	20.2	129.8	134.6
	Type of operation:													
	Multiunit companies, total .....	61	56	18.1	126.2	13.1	26.0	81.5	275.1	237.2	509.6	16.7	111.7	113.5
	Corporate ownership or control .....	61	56	18.1	126.2	13.1	26.0	81.5	275.1	237.2	509.6	16.7	111.7	113.5
	Noncorporate ownership .....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total .....	84	49	4.8	31.4	3.6	7.4	20.2	69.6	59.2	126.4	3.5	17.7	20.6
	Corporate ownership or control .....	73	47	4.7	30.4	3.5	7.1	19.3	67.8	58.3	123.7	3.4	17.4	20.3
	Noncorporate ownership .....	11	2	.1	1.1	.1	.2	.9	1.7	1.0	2.7	(2)	.3	.3
	Administrative records <sup>e</sup> .....	29	-	.1	.5	.1	.1	.3	1.0	.9	1.9	(2)	.4	.4
	Legal form of organization:													
	Corporate .....	134	103	22.7	156.5	16.6	33.1	100.8	341.9	295.6	633.3	20.1	129.1	133.9
	Noncorporate, total <sup>e</sup> .....	11	2	.1	1.1	.1	.2	.9	1.7	1.0	2.7	(2)	.3	.3
	Individual <sup>e</sup> .....	9	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership .....	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other .....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	29	-	.1	.5	.1	.1	.3	1.0	.9	1.9	(2)	.4	.4
3651	Radio and TV receiving sets, total ..	340	187	116.7	643.6	96.2	183.4	462.6	1,404.5	2,486.0	3,846.3	86.1	733.5	726.0
	Type of operation:													
	Multiunit companies, total .....	117	114	108.0	599.4	89.3	170.7	435.0	1,321.6	2,387.6	3,668.0	83.6	696.4	685.9
	Corporate ownership or control .....	117	114	108.0	599.4	89.3	170.7	435.0	1,321.6	2,387.6	3,668.0	83.6	696.4	685.9
	Noncorporate ownership .....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total .....	116	73	8.5	42.9	6.6	12.3	26.7	80.3	95.7	172.9	2.4	36.0	39.1
	Corporate ownership or control .....	95	70	8.3	42.1	6.5	12.0	26.0	78.8	94.2	170.1	2.3	35.7	38.8
	Noncorporate ownership .....	21	3	.2	.9	.2	.3	.7	1.4	1.4	2.9	.1	.3	.3
	Administrative records <sup>e</sup> .....	107	-	.2	1.3	.2	.4	.9	2.6	2.8	5.4	.1	1.1	1.1
	Legal form of organization:													
	Corporate .....	212	184	116.3	641.4	95.8	182.7	461.0	1,400.4	2,481.8	3,838.1	85.9	732.2	724.7
	Noncorporate, total .....	21	3	.2	.9	.2	.3	.7	1.4	1.4	2.9	.1	.3	.3
	Individual <sup>e</sup> .....	19	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership .....	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other .....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	107	-	.2	1.3	.2	.4	.9	2.6	2.8	5.4	.1	1.1	1.1

See footnotes at end of table.



TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967—Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new <sup>a</sup> (million dollars)	Inventories end of—	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
3652	Phonograph records, total.....	321	73	13.6	76.6	11.0	22.2	54.0	182.3	95.2	276.4	7.1	38.6	38.7
	Type of operation:													
	Multiunit companies, total.....	39	32	10.4	60.5	8.3	16.9	41.9	144.3	68.0	212.0	5.7	34.6	33.9
	Corporate ownership or control...	38	32	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total <sup>c</sup> .....	90	41	2.8	13.9	2.4	4.6	10.8	31.5	24.0	54.8	1.2	2.8	3.6
	Corporate ownership or control...	62	40	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership <sup>e</sup> .....	28	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	192	-	.4	2.2	.4	.6	1.3	6.5	3.2	9.7	.2	1.1	1.2
	Legal form of organization:													
	Corporate.....	100	72	13.0	73.5	10.5	21.3	52.0	172.1	89.8	261.3	6.9	37.2	36.8
	Noncorporate, total <sup>c</sup> .....	29	1	.2	.9	.2	.3	.6	3.6	2.2	5.4	.1	.2	.7
	Individual <sup>c</sup> .....	26	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	192	-	.4	2.2	.4	.6	1.3	6.5	3.2	9.7	.2	1.1	1.2
3661	Telephone and telegraph apparatus, total.....	106	63	115.4	827.9	83.2	158.8	534.4	1,536.7	1,082.7	2,591.2	110.9	491.1	536.4
	Type of operation:													
	Multiunit companies, total.....	46	45	113.2	814.6	81.7	155.9	527.9	1,505.3	1,065.7	2,544.1	110.3	482.9	527.4
	Corporate ownership or control...	46	45	113.2	814.6	81.7	155.9	527.9	1,505.3	1,065.7	2,544.1	110.3	482.9	527.4
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	33	18	2.1	12.9	1.4	2.7	6.2	30.6	16.3	45.6	.6	7.8	8.6
	Corporate ownership or control...	27	17	2.1	12.7	1.4	2.7	6.1	30.0	15.7	44.4	.5	7.6	8.4
	Noncorporate ownership <sup>e</sup> .....	6	1	(Z)	.2	(Z)	.1	.2	.6	.6	1.2	.1	.2	.2
	Administrative records <sup>e</sup> .....	27	-	.1	.3	.1	.1	.2	.9	.6	1.5	.1	.4	.4
	Legal form of organization:													
	Corporate.....	73	62	115.3	827.3	83.1	158.6	534.0	1,535.3	1,081.4	2,588.5	110.8	490.5	535.7
	Noncorporate, total <sup>c</sup> .....	6	1	(Z)	.2	(Z)	.1	.2	.6	.6	1.2	.1	.2	.2
	Individual <sup>c</sup> .....	5	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	27	-	.1	.3	.1	.1	.2	.9	.6	1.5	.1	.4	.4
3662	Radio and TV communication equipment, total.....	1296	782	409.9	3,568.8	221.3	447.6	1,515.6	5,455.8	3,433.4	8,555.8	246.0	1,719.5	2,114.9
	Type of operation:													
	Multiunit companies, total.....	457	429	379.8	3,370.7	200.8	407.0	1,408.2	5,107.6	3,205.8	7,994.3	231.1	1,624.3	1,999.8
	Corporate ownership or control...	453	426	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	4	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	585	353	29.5	194.0	20.1	40.0	105.5	340.5	222.3	548.5	14.6	92.8	112.6
	Corporate ownership or control...	521	344	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	64	9	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	254	-	.6	4.1	.5	.7	1.9	7.8	5.2	13.0	.2	2.4	2.4
	Legal form of organization:													
	Corporate.....	974	770	406.7	3,545.4	218.8	443.2	1,501.3	5,415.2	3,410.1	8,494.8	244.6	1,709.3	2,099.5
	Noncorporate, total.....	68	12	2.5	19.3	2.1	3.8	12.4	32.8	18.1	48.0	1.1	7.8	13.0
	Individual <sup>c</sup> .....	50	2	.5	3.2	.4	.7	1.9	6.0	3.4	8.9	.2	1.4	2.0
	Partnership.....	11	5	.4	2.1	.3	.6	1.5	4.1	3.8	7.8	.3	1.4	1.5
	Other.....	7	5	1.7	13.9	1.5	2.6	9.0	22.7	10.8	31.3	.6	5.0	9.5
	Administrative records <sup>e</sup> .....	254	-	.6	4.1	.5	.7	1.9	7.8	5.2	13.0	.2	2.4	2.4
3671	Electron tubes, receiving type, total	39	19	21.0	118.3	18.0	32.4	85.9	224.7	72.8	300.6	7.0	32.7	27.9
	Type of operation:													
	Multiunit companies, total.....	20	16	20.6	116.9	17.7	31.9	84.7	221.4	72.1	296.6	6.9	32.2	27.4
	Corporate ownership or control...	19	15	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total <sup>c</sup> .....	5	3	.3	1.3	.2	.5	1.1	2.9	.5	3.5	.1	.4	.4
	Corporate ownership or control <sup>c</sup> .....	5	3	.3	1.3	.2	.5	1.1	2.9	.5	3.5	.1	.4	.4
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	14	-	(Z)	.2	(Z)	.1	.1	.3	.2	.5	(Z)	.1	.1
	Legal form of organization:													
	Corporate.....	24	18	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	14	-	(Z)	.2	(Z)	.1	.1	.3	.2	.5	(Z)	.1	.1
3672	Cathode ray picture tubes, total.....	99	23	27.6	172.5	19.9	40.0	107.4	462.5	357.6	832.3	46.0	95.5	85.3
	Type of operation:													
	Multiunit companies, total.....	11	10	24.4	152.9	17.8	35.7	97.0	440.3	320.3	771.3	45.2	85.3	77.6
	Corporate ownership or control...	11	10	24.4	152.9	17.8	35.7	97.0	440.3	320.3	771.3	45.2	85.3	77.6
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	26	13	3.1	19.0	2.0	4.1	10.1	20.9	36.0	58.3	.8	10.1	7.5
	Corporate ownership or control...	24	13	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	62	-	.1	.6	.1	.1	.4	1.2	1.4	2.6	(Z)	.2	.2
	Legal form of organization:													
	Corporate.....	35	23	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual.....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	62	-	.1	.6	.1	.1	.4	1.2	1.4	2.6	(Z)	.2	.2

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967-Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new <sup>2</sup> (million dollars)	Inventories end of-	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
3673	Electron tubes, transmitting, total..	56	38	18.2	145.8	12.6	26.1	84.0	239.6	128.5	369.4	13.1	84.4	84.7
	Type of operation:													
	Multiunit companies, total.....	34	32	17.6	142.6	12.2	25.2	81.8	234.2	125.1	360.7	13.0	83.4	83.4
	Corporate ownership or control...	34	32	17.6	142.6	12.2	25.2	81.8	234.2	125.1	360.7	13.0	83.4	83.4
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	15	6	.5	3.0	.4	.8	2.1	5.2	3.2	8.3	.2	.9	1.2
	Corporate ownership or control...	13	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records.....	7	-	(Z)	.1	(Z)	(Z)	(Z)	.2	.1	.3	(Z)	.1	.1
	Legal form of organization:													
	Corporate.....	47	38	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total <sup>e</sup> .....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual <sup>e</sup> .....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	7	-	(Z)	.1	(Z)	(Z)	(Z)	.2	.1	.3	(Z)	.1	.1
3674	Semiconductors, total	177	117	85.4	545.1	57.9	118.1	307.3	820.2	337.6	1,141.0	131.1	199.5	214.1
	Type of operation:													
	Multiunit companies, total.....	93	85	80.2	517.4	53.7	110.1	289.4	767.6	314.4	1,066.7	127.3	189.8	202.7
	Corporate ownership or control...	93	85	80.2	517.4	53.7	110.1	289.4	767.6	314.4	1,066.7	127.3	189.8	202.7
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	53	32	5.1	27.3	4.1	7.9	17.7	51.9	23.0	73.3	3.7	9.5	11.2
	Corporate ownership or control...	47	31	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	6	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	31	-	.1	.5	.1	.1	.2	.7	.3	1.0	.1	.2	.2
	Legal form of organization:													
	Corporate.....	140	116	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	6	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual.....	6	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	31	-	.1	.5	.1	.1	.2	.7	.3	1.0	.1	.2	.2
3679	Electronic components, N.E.C., total	2,068	1,213	251.3	1,453.6	185.0	359.6	864.3	2,612.2	2,234.1	4,809.4	176.1	835.6	873.8
	Type of operation:													
	Multiunit companies, total.....	613	577	196.8	1,166.2	141.1	275.1	678.8	2,100.0	1,951.7	4,023.8	147.9	738.7	769.0
	Corporate ownership or control...	606	570	195.9	1,162.3	140.3	273.5	675.9	2,092.0	1,946.2	4,010.6	147.8	737.5	767.5
	Noncorporate ownership.....	7	7	.9	3.9	.8	1.6	3.0	8.0	5.4	13.2	.1	1.2	1.5
	Single unit companies, total.....	1010	635	53.2	280.7	42.6	82.6	181.3	499.1	274.4	764.5	27.6	93.4	101.2
	Corporate ownership or control...	867	614	51.7	273.6	41.3	80.2	176.1	484.5	267.4	743.1	26.7	91.4	99.0
	Noncorporate ownership.....	143	21	1.5	7.1	1.3	2.4	5.2	14.6	7.0	21.4	.9	2.0	2.2
	Administrative records <sup>e</sup> .....	445	1	1.3	6.6	1.2	1.9	4.1	13.1	8.0	21.1	.6	3.6	3.6
	Legal form of organization:													
	Corporate.....	1,473	1,184	247.6	1,436.0	181.6	353.7	852.0	2,576.6	2,203.7	4,753.6	174.5	828.9	866.5
	Noncorporate, total.....	150	28	2.4	11.0	2.1	4.0	8.2	22.5	12.4	34.7	1.0	3.2	3.7
	Individual.....	128	13	1.5	7.3	1.3	2.6	5.3	13.8	7.0	20.6	.7	2.0	2.3
	Partnership.....	20	15	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	445	1	1.3	6.6	1.2	1.9	4.1	13.1	8.0	21.1	.6	3.6	3.6
3691	Storage batteries, total.....	232	120	19.3	133.3	15.2	30.6	97.7	259.2	313.7	577.5	14.8	94.4	92.1
	Type of operation:													
	Multiunit companies, total.....	103	97	17.7	122.7	14.0	28.2	91.2	240.0	287.9	532.8	13.9	88.9	86.1
	Corporate ownership or control...	101	96	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	59	23	1.4	9.5	1.0	2.0	5.6	16.6	22.7	39.0	.7	4.7	5.2
	Corporate ownership or control...	47	23	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	12	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	70	-	.2	1.1	.2	.3	.8	2.6	3.1	5.7	.1	.8	.8
	Legal form of organization:													
	Corporate.....	148	119	18.9	131.5	14.9	30.0	96.3	255.0	308.4	568.1	14.6	93.1	90.7
	Noncorporate, total.....	14	1	.1	.7	.1	.2	.6	1.5	2.2	3.7	.1	.5	.6
	Individual.....	9	-	.1	.4	.1	.1	.3	.8	.9	1.7	(Z)	.3	.3
	Partnership.....	5	-	(Z)	.1	(Z)	(Z)	.1	.4	.5	.9	(Z)	.1	.1
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	70	-	.2	1.1	.2	.3	.8	2.6	3.1	5.7	.1	.8	.8
3692	Primary batteries, dry and wet, total	49	36	11.0	61.0	8.9	17.6	43.2	188.7	122.0	307.6	20.2	41.4	45.4
	Type of operation:													
	Multiunit companies, total.....	32	30	10.6	59.3	8.7	17.0	42.1	185.8	119.8	302.5	20.1	40.9	44.8
	Corporate ownership or control...	32	30	10.6	59.3	8.7	17.0	42.1	185.8	119.8	302.5	20.1	40.9	44.8
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	9	6	.3	1.6	.3	.5	1.0	2.7	2.1	4.8	.1	.5	.5
	Corporate ownership or control...	8	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	8	-	(Z)	.1	(Z)	(Z)	(Z)	.2	.1	.3	(Z)	.1	.1
	Legal form of organization:													
	Corporate.....	40	36	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	8	-	(Z)	.1	(Z)	(Z)	(Z)	.2	.1	.3	(Z)	.1	.1

See footnotes at end of table.



TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967—Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new <sup>2</sup>	Inventories end of—	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
3693	X-ray apparatus and tubes, total ....	82	41	7.9	63.3	4.3	8.7	26.3	135.7	104.0	233.2	11.2	48.2	56.1
	Type of operation:													
	Multiunit companies, total.....	23	22	6.5	53.3	3.4	6.9	21.2	114.0	92.4	200.8	9.2	43.6	49.8
	Corporate ownership or control...	23	22	6.5	53.3	3.4	6.9	21.2	114.0	92.4	200.8	9.2	43.6	49.8
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	29	19	1.3	9.6	.9	1.8	4.9	20.8	11.0	30.9	2.0	4.3	6.0
	Corporate ownership or control...	26	19	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership <sup>e</sup> .....	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	30	-	.1	.4	(Z)	.1	.2	.8	.6	1.4	(Z)	.3	.3
	Legal form of organization:													
	Corporate.....	49	41	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total <sup>e</sup> .....	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual <sup>e</sup> .....	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	30	-	.1	.4	(Z)	.1	.2	.8	.6	1.4	(Z)	.3	.3
3694	Engine electrical equipment, total ..	264	132	55.4	387.4	44.2	86.3	286.8	766.0	598.7	1,364.7	45.9	170.0	177.0
	Type of operation:													
	Multiunit companies, total.....	63	59	48.2	348.7	38.5	75.1	260.8	694.7	538.0	1,233.8	43.6	153.7	158.3
	Corporate ownership or control...	63	59	48.2	348.7	38.5	75.1	260.8	694.7	538.0	1,233.8	43.6	153.7	158.3
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	135	73	7.1	37.8	5.6	10.9	25.3	69.1	58.9	126.9	2.3	15.8	18.2
	Corporate ownership or control...	108	70	6.7	35.8	5.3	10.3	23.8	65.6	56.7	121.4	2.2	15.4	17.6
	Noncorporate ownership <sup>e</sup> .....	27	3	.4	2.0	.3	.6	1.5	3.5	2.2	5.6	.1	.4	.6
	Administrative records <sup>e</sup> .....	66	-	.2	1.0	.2	.3	.7	2.2	1.7	3.9	.1	.5	.5
	Legal form of organization:													
	Corporate.....	171	129	54.9	384.5	43.8	85.5	284.6	760.3	594.8	1,355.2	45.8	169.1	176.0
	Noncorporate, total <sup>e</sup> .....	27	3	.4	2.0	.3	.6	1.5	3.5	2.2	5.6	.1	.4	.6
	Individual <sup>e</sup> .....	25	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	66	-	.2	1.0	.2	.3	.7	2.2	1.7	3.9	.1	.5	.5
3699	Electrical equipment, N.E.C., total	538	128	13.6	70.0	11.1	20.2	45.2	144.4	147.0	290.8	11.5	41.8	41.8
	Type of operation:													
	Multiunit companies, total.....	47	44	7.4	39.3	5.9	10.8	25.5	80.9	78.5	158.6	9.2	24.3	24.7
	Corporate ownership or control...	46	43	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	170	84	5.4	26.6	4.4	8.1	16.9	54.8	60.8	115.8	2.0	15.3	15.0
	Corporate ownership or control...	132	81	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership <sup>e</sup> .....	38	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	321	-	.8	4.2	.8	1.3	2.8	8.7	7.7	16.4	.3	2.2	2.2
	Legal form of organization:													
	Corporate.....	178	124	12.4	63.8	10.1	18.5	41.6	130.5	132.4	262.8	11.1	39.0	38.5
	Noncorporate, total.....	39	4	.4	2.0	.2	.4	.8	5.1	6.9	11.6	.1	.6	1.1
	Individual <sup>e</sup> .....	36	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	3	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	321	-	.8	4.2	.8	1.3	2.8	8.7	7.7	16.4	.3	2.2	2.2
37	Transportation equipment, total .....	7,483	3,354	1,834.1	15,173.7	1,336.5	2,745.6	9,918.2	28,173.9	40,420.0	68,512.3	1,822.4	9,996.4	12,323.4
	Type of operation:													
	Multiunit companies, total.....	1,700	1,579	1,669.0	14,096.0	1,199.2	2,466.3	9,121.1	26,304.5	38,628.8	64,880.9	1,718.8	9,461.1	11,799.3
	Corporate ownership or control...	1,681	1,566	1,667.5	14,084.8	1,198.1	2,463.8	9,113.1	26,289.1	38,613.5	64,849.9	1,717.1	9,457.9	11,795.7
	Noncorporate ownership.....	19	13	1.5	11.2	1.1	2.5	8.0	15.4	15.4	31.0	1.7	3.2	3.5
	Single unit companies, total.....	3,173	1,775	158.6	1,040.5	130.9	268.0	768.4	1,803.3	1,711.8	3,486.1	94.3	509.5	497.0
	Corporate ownership or control...	2,482	1,686	150.2	988.6	123.4	253.2	726.2	1,713.9	1,622.7	3,310.1	89.4	490.2	474.6
	Noncorporate ownership <sup>e</sup> .....	691	89	8.5	51.9	7.5	14.8	42.2	89.4	89.1	176.0	4.9	19.3	22.4
	Administrative records <sup>e</sup> .....	2,610	-	6.5	37.2	6.4	11.2	28.8	66.1	79.3	145.3	9.2	25.7	27.1
	Legal form of organization:													
	Corporate.....	4,163	3,252	1,817.6	15,073.4	1,321.5	2,717.0	9,839.3	28,003.0	40,236.2	68,160.0	1,806.5	9,948.1	12,270.4
	Noncorporate, total.....	710	102	10.0	63.1	8.6	17.4	50.1	104.9	104.5	207.0	6.6	22.6	25.9
	Individual.....	600	52	6.5	40.4	5.6	11.0	31.4	64.2	71.0	134.1	5.0	14.8	16.4
	Partnership.....	107	49	3.4	22.5	3.0	6.3	18.5	40.1	33.1	71.9	1.6	7.7	9.5
	Other.....	3	1	(Z)	.2	(Z)	.1	.2	.6	.4	1.1	(Z)	.1	.1
	Administrative records <sup>e</sup> .....	2,610	-	6.5	37.2	6.4	11.2	28.8	66.1	79.3	145.3	9.2	25.7	27.1
3711	Motor vehicles, total .....	181	130	321.2	2,699.9	262.3	524.4	2,098.4	7,353.6	19,964.7	27,296.0	263.2	1,773.0	1,802.3
	Type of operation:													
	Multiunit companies, total.....	109	104	318.5	2,680.1	260.3	519.9	2,084.6	7,320.0	19,921.2	27,219.2	261.8	1,757.0	1,786.3
	Corporate ownership or control...	109	104	318.5	2,680.1	260.3	519.9	2,084.6	7,320.0	19,921.2	27,219.2	261.8	1,757.0	1,786.3
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	51	26	2.7	19.5	2.0	4.4	13.6	33.1	42.7	75.5	1.2	15.8	15.7
	Corporate ownership or control...	36	26	2.6	19.1	2.0	4.3	13.3	32.3	41.3	73.3	1.1	15.6	15.5
	Noncorporate ownership <sup>e</sup> .....	15	-	.1	.4	.1	.1	.3	.8	1.4	2.2	.1	.2	.3
	Administrative records <sup>e</sup> .....	21	-	(Z)	.2	(Z)	.1	.2	.4	.8	1.2	.2	.2	.2
	Legal form of organization:													
	Corporate.....	145	130	321.2	2,699.2	262.0	524.2	2,097.9	7,352.4	19,962.5	27,292.6	262.8	1,772.6	1,801.8
	Noncorporate, total.....	15	-	.1	.4	.2	.1	.3	.8	1.4	2.2	.1	.2	.3
	Individual.....	15	-	.1	.4	.2	.1	.3	.8	1.4	2.2	.1	.2	.3
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	21	-	(Z)	.2	.1	.1	.2	.4	.8	1.2	.2	.2	.2

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967—Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new <sup>2</sup> (million dollars)	Inventories end of—	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
3713	Truck and bus bodies, total .....	641	258	30.4	192.2	24.6	49.4	138.5	331.7	376.4	706.1	13.0	122.0	126.9
	Type of operation:													
	Multiunit companies, total .....	86	79	16.3	105.1	12.9	26.1	75.4	180.9	202.8	382.8	7.6	76.6	79.5
	Corporate ownership or control...	84	77	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership .....	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total .....	335	179	13.5	83.4	11.0	22.1	60.2	143.3	165.3	307.5	5.2	43.1	45.1
	Corporate ownership or control...	266	171	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership .....	69	8	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	220	-	.7	3.7	.7	1.1	2.9	7.5	8.2	15.8	.2	2.4	2.4
	Legal form of organization:													
	Corporate .....	350	248	28.8	183.6	23.1	46.7	131.5	315.8	358.3	672.7	12.3	118.0	122.4
	Noncorporate, total .....	71	10	1.0	5.0	.8	1.6	4.1	8.4	9.8	17.6	.5	1.7	2.2
	Individual .....	55	6	.7	3.4	.6	1.1	2.9	5.9	6.9	12.7	.3	1.0	1.3
	Partnership .....	15	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other .....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	220	-	.7	3.7	.7	1.1	2.9	7.5	8.2	15.8	.2	2.4	2.4
3714	Motor vehicle parts and accessories, total .....	1,674	785	364.9	2,890.7	300.3	609.0	2,244.4	5,712.0	5,943.1	11,623.8	572.0	1,461.0	1,468.5
	Type of operation:													
	Multiunit companies, total .....	478	437	333.2	2,686.3	274.9	556.7	2,101.1	5,322.1	5,584.0	10,881.9	539.0	1,356.9	1,354.4
	Corporate ownership or control...	473	435	333.1	2,685.4	274.8	556.5	2,100.5	5,319.9	5,580.9	10,876.6	538.7	1,356.2	1,353.7
	Noncorporate ownership .....	5	2	.1	.9	.1	.2	.6	2.3	3.1	5.3	.2	.7	.7
	Single unit companies, total .....	653	348	30.7	196.5	24.4	50.5	137.0	378.9	338.0	710.0	27.9	97.9	107.8
	Corporate ownership or control...	515	332	29.3	188.5	23.2	48.2	130.6	363.0	323.2	679.4	26.4	94.4	104.0
	Noncorporate ownership .....	138	16	1.4	8.0	1.2	2.3	6.5	15.9	14.8	30.6	1.5	3.5	3.8
	Administrative records <sup>e</sup> .....	543	-	1.0	7.9	1.0	1.8	6.3	11.0	21.1	32.0	5.1	6.2	6.3
	Legal form of organization:													
	Corporate .....	988	767	362.3	2,873.8	298.0	604.7	2,231.1	5,682.8	5,904.2	11,556.0	565.1	1,450.6	1,457.7
	Noncorporate, total .....	143	18	1.5	8.9	1.3	2.5	7.1	18.2	17.8	35.9	1.7	4.1	4.5
	Individual .....	129	10	1.1	6.7	.9	1.8	5.3	12.6	12.2	24.8	1.4	2.8	3.1
	Partnership .....	14	8	.4	2.2	.4	.7	1.8	5.5	5.6	11.1	.3	1.3	1.5
	Other .....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	543	-	1.0	7.9	1.0	1.8	6.3	11.0	21.1	32.0	5.1	6.2	6.3
3715	Truck trailers, total .....	179	108	22.9	147.1	18.3	35.5	105.1	268.8	445.8	713.9	22.3	123.8	129.7
	Type of operation:													
	Multiunit companies, total .....	64	60	18.9	122.6	15.1	28.9	87.5	228.0	376.4	604.3	20.9	106.0	112.6
	Corporate ownership or control...	63	59	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership .....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total .....	81	48	3.9	23.9	3.2	6.4	17.1	39.8	68.0	107.2	1.4	17.3	16.7
	Corporate ownership or control...	64	45	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership .....	17	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	34	-	.1	.6	.1	.2	.4	1.0	1.4	2.4	(Z)	.5	.5
	Legal form of organization:													
	Corporate .....	127	104	22.3	144.3	17.8	34.5	102.8	264.4	433.7	697.5	22.0	121.8	127.6
	Noncorporate, total .....	18	4	.5	2.2	.4	.8	1.9	3.4	10.7	14.1	.2	1.6	1.6
	Individual .....	14	3	.4	1.9	.4	.7	1.7	2.7	10.2	12.9	.2	1.5	1.5
	Partnership .....	4	1	.1	.3	(Z)	.1	.2	.7	.5	1.2	.1	.1	.1
	Other .....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	34	-	.1	.6	.1	.2	.4	1.0	1.4	2.4	(Z)	.5	.5
3721	Aircraft, total .....	125	83	386.8	3,569.0	230.6	489.9	1,806.7	5,447.6	5,632.2	11,079.8	408.2	3,163.5	5,253.3
	Type of operation:													
	Multiunit companies, total .....	63	62	385.1	3,555.8	229.3	487.4	1,798.4	5,427.1	5,622.2	11,049.3	406.4	3,160.3	5,248.4
	Corporate ownership or control...	63	62	385.1	3,555.8	229.3	487.4	1,798.4	5,427.1	5,622.2	11,049.3	406.4	3,160.3	5,248.4
	Noncorporate ownership .....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total .....	36	21	1.4	10.0	1.1	2.1	6.8	16.3	7.5	23.8	(D)	3.1	3.5
	Corporate ownership or control...	30	21	1.4	9.7	1.1	2.0	6.5	15.7	7.1	22.8	(D)	2.9	3.4
	Noncorporate ownership .....	6	-	.1	.3	(Z)	.1	.2	.6	.4	1.0	(Z)	.2	.2
	Administrative records <sup>e</sup> .....	26	-	.3	3.2	.2	.4	1.5	4.2	2.5	6.7	(D)	.2	1.4
	Legal form of organization:													
	Corporate .....	93	83	386.5	3,565.5	230.4	489.5	1,805.0	5,442.8	5,629.3	11,072.1	(D)	3,163.2	5,251.7
	Noncorporate, total .....	6	-	.1	.3	(Z)	.1	.2	.6	.4	1.0	(D)	.2	.2
	Individual .....	5	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership .....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other .....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	26	-	.3	3.2	.2	.4	1.5	4.2	2.5	6.7	(D)	.2	1.4
3722	Aircraft engines and engine parts, total .....	255	202	195.4	1,778.5	112.6	245.8	875.2	2,922.1	2,390.6	5,289.7	224.4	1,058.3	1,056.7
	Type of operation:													
	Multiunit companies, total .....	126	123	188.8	1,725.4	107.2	233.6	836.9	2,833.3	2,350.5	5,162.8	219.6	1,045.3	1,041.0
	Corporate ownership or control...	124	121	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership .....	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total .....	110	79	6.5	52.7	5.4	12.1	38.1	88.0	39.7	125.7	4.7	12.9	15.5
	Corporate ownership or control...	98	75	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership .....	12	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	19	-	(Z)	.3	(Z)	.1	.1	.8	.4	1.2	(Z)	.1	.1
	Legal form of organization:													
	Corporate .....	222	196	194.7	1,773.8	112.2	244.9	872.2	2,916.0	2,386.4	5,278.7	224.1	1,056.6	1,055.3
	Noncorporate, total .....	14	6	.6	4.4	.4	.9	2.8	5.3	3.7	9.8	.3	1.6	1.2
	Individual .....	10	3	.4	3.3	.3	.6	2.0	3.6	3.4	7.7	.2	1.5	1.1
	Partnership .....	4	3	.1	1.1	.1	.3	.9	1.7	.4	2.1	(Z)	.1	.1
	Other .....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	19	-	(Z)	.3	(Z)	.1	.1	.8	.4	1.2	(Z)	.1	.1

See footnotes at end of table.



TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967—Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new <sup>2</sup> (million dollars)	Inventories end of—	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
3729	Aircraft equipment, N.E.C. total .....	893	547	219.8	1,861.9	146.1	311.9	1,111.0	2,957.3	1,761.5	4,694.4	166.3	911.8	966.7
	Type of operation:													
	Multiunit companies, total.....	262	248	189.1	1,624.8	121.9	259.0	946.0	2,543.3	1,542.0	4,070.9	142.7	814.5	858.0
	Corporate ownership or control...	260	246	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	461	299	30.4	234.3	23.8	52.3	163.5	407.7	216.3	614.0	23.3	93.9	105.3
	Corporate ownership or control...	371	274	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	90	25	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	170	-	.4	2.8	.4	.6	1.5	6.2	3.3	9.6	.3	3.4	3.4
	Legal form of organization:													
	Corporate.....	631	520	216.5	1,835.9	143.3	305.8	1,091.7	2,916.2	1,740.6	4,634.2	163.5	902.1	954.9
	Noncorporate, total.....	92	27	2.9	23.2	2.4	5.5	17.8	34.9	17.6	50.7	2.5	6.3	8.4
	Individual.....	72	13	1.5	11.7	1.2	2.7	8.6	17.2	8.7	24.8	1.7	2.4	3.6
	Partnership.....	20	14	1.4	11.5	1.2	2.8	9.2	17.6	8.9	25.8	.8	3.9	4.9
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	170	-	.4	2.8	.4	.6	1.5	6.2	3.3	9.6	.3	3.4	3.4
3731	Ship building and repairing, total ...	415	253	138.8	1,076.0	114.2	231.0	819.4	1,430.4	1,087.8	2,518.2	70.3	633.3	800.3
	Type of operation:													
	Multiunit companies, total.....	83	81	114.7	904.8	92.9	188.3	677.1	1,172.4	895.1	2,067.5	60.6	516.1	737.5
	Corporate ownership or control...	82	80	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	254	172	24.0	169.7	21.1	42.3	141.1	255.5	191.1	446.6	9.7	116.7	62.2
	Corporate ownership or control...	226	166	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	28	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	78	-	.2	1.5	.2	.4	1.2	2.5	1.6	4.0	(Z)	.6	.6
	Legal form of organization:													
	Corporate.....	308	246	138.2	1,071.0	113.6	229.7	815.5	1,423.0	1,082.1	2,505.2	70.2	631.1	798.7
	Noncorporate, total.....	29	7	.5	3.2	.4	.9	2.7	4.9	4.1	9.0	.1	1.6	1.0
	Individual.....	22	2	.2	1.7	.2	.5	1.4	3.1	2.7	5.8	(Z)	1.4	.7
	Partnership.....	7	5	.2	1.4	.2	.4	1.3	1.8	1.4	3.2	(Z)	.3	.3
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	78	-	.2	1.5	.2	.4	1.2	2.5	1.6	4.0	(Z)	.6	.6
3732	Boat building and repairing, total ...	1,596	287	30.5	163.0	26.2	51.8	128.1	274.8	298.4	571.4	15.8	110.5	115.5
	Type of operation:													
	Multiunit companies, total.....	87	78	12.7	69.6	10.5	20.9	52.3	114.2	141.6	256.7	6.3	69.1	68.5
	Corporate ownership or control...	84	77	12.6	69.4	10.5	20.9	52.1	113.9	141.4	256.2	(D)	69.0	68.4
	Noncorporate ownership.....	3	1	(Z)	.2	(Z)	.1	.2	.3	.2	.5	(D)	.1	.1
	Single unit companies, total.....	491	209	15.3	82.5	13.2	26.3	66.0	139.2	135.9	272.6	7.9	33.8	39.5
	Corporate ownership or control...	345	199	14.1	76.3	12.1	24.2	60.5	127.5	126.8	251.9	(D)	31.7	37.1
	Noncorporate ownership.....	146	10	1.2	5.9	1.1	2.0	5.4	11.8	9.1	20.7	(D)	2.0	2.3
	Administrative records <sup>e</sup> .....	1,018	-	2.5	10.9	2.5	4.6	9.8	21.3	20.9	42.2	1.6	7.6	7.6
	Legal form of organization:													
	Corporate.....	429	276	26.7	146.0	22.5	45.1	112.7	241.4	268.2	508.0	13.7	100.8	105.5
	Noncorporate, total.....	149	11	1.2	6.1	1.1	2.1	5.6	12.1	9.3	21.2	.5	2.1	2.4
	Individual.....	127	5	.9	4.2	.8	1.5	3.9	7.2	6.4	13.5	.4	1.6	1.9
	Partnership.....	20	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	1,018	-	2.5	10.9	2.5	4.6	9.8	21.3	20.9	42.2	1.6	7.6	7.6
3741	Locomotives and parts, total .....	27	15	16.0	132.5	11.7	23.5	90.8	345.2	346.0	689.6	10.8	119.2	119.7
	Type of operation:													
	Multiunit companies, total.....	6	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Corporate ownership or control...	6	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	18	9	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Corporate ownership or control...	13	8	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	5	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	(D)	(D)
	Administrative records <sup>e</sup> .....	3	-	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	-	(Z)	(Z)
	Legal form of organization:													
	Corporate.....	19	14	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	5	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	(D)	(D)
	Individual.....	3	-	(Z)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	(Z)	(Z)
	Partnership.....	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	3	-	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	.1	-	(Z)	(Z)
3742	Railroad and street cars, total .....	96	70	40.6	294.2	32.7	62.8	223.1	442.7	942.2	1,420.9	29.6	328.2	269.5
	Type of operation:													
	Multiunit companies, total.....	57	53	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Corporate ownership or control...	56	53	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	31	17	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Corporate ownership or control...	24	17	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	7	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	8	-	(Z)	.1	(Z)	(Z)	.1	.2	.3	.5	(Z)	.1	.1
	Legal form of organization:													
	Corporate.....	80	70	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	8	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual.....	5	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	8	-	(Z)	.1	(Z)	(Z)	.1	.2	.3	.5	(Z)	.1	.1

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967-Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new <sup>2</sup> (million dollars)	Inventories end of-	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
3751	Motorcycles, bicycles, and parts, total .....	91	33	12.0	70.3	10.1	19.1	53.4	136.2	170.6	299.6	5.5	51.4	60.3
	Type of operation:													
	Multiunit companies, total.....	18	15	8.9	53.4	7.4	14.0	40.7	105.3	128.2	226.8	4.5	41.8	48.5
	Corporate ownership or control...	18	15	8.9	53.4	7.4	14.0	40.7	105.3	128.2	226.8	4.5	41.8	48.5
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	33	18	3.0	16.4	2.6	5.0	12.3	29.9	41.1	70.6	1.0	9.1	11.4
	Corporate ownership or control...	25	18	2.9	16.2	2.5	4.9	12.1	29.4	40.1	69.1	1.0	9.0	11.3
	Noncorporate ownership.....	8	-	.1	.3	(Z)	.1	.2	.5	1.0	1.4	(Z)	.1	.1
	Administrative records <sup>e</sup> .....	40	-	.1	.5	.1	.2	.4	.9	1.3	2.3	(Z)	.4	.4
	Legal form of organization:													
	Corporate.....	43	33	11.9	69.5	10.0	18.9	52.8	134.7	168.3	295.9	5.5	50.8	59.8
	Noncorporate, total.....	8	-	.1	.3	(Z)	.1	.2	.5	1.0	1.4	(Z)	.1	.1
	Individual.....	6	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	40	-	.1	.5	.1	.2	.4	.9	1.3	2.3	(Z)	.4	.4
3791	Trailer coaches, total .....	856	442	43.6	237.9	37.4	73.1	180.3	434.6	890.4	1,324.5	14.6	103.2	112.9
	Type of operation:													
	Multiunit companies, total.....	211	200	26.1	145.0	22.3	44.5	108.9	273.6	563.6	837.7	9.0	67.7	73.1
	Corporate ownership or control...	209	198	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	401	242	17.0	90.2	14.6	27.7	69.1	156.0	316.2	471.3	5.4	33.7	37.9
	Corporate ownership or control...	300	231	15.9	84.3	13.6	26.0	64.5	147.1	298.6	445.0	5.1	32.1	35.7
	Noncorporate ownership.....	101	11	1.0	5.9	.9	1.7	4.7	8.9	17.7	26.3	.3	1.6	2.2
	Administrative records <sup>e</sup> .....	244	-	.6	2.8	.6	.9	2.2	5.0	10.5	15.5	.2	1.9	1.9
	Legal form of organization:													
	Corporate.....	509	429	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	103	13	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual.....	92	6	.8	4.7	.7	1.3	3.7	6.7	13.4	19.7	.3	1.3	1.8
	Partnership.....	11	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	244	-	.6	2.8	.6	.9	2.2	5.0	10.5	15.5	.2	1.9	1.9
3799	Transportation equipment, N.E.C., total .....	454	141	11.2	60.5	9.4	18.4	43.8	116.9	170.1	284.4	6.4	37.2	41.1
	Type of operation:													
	Multiunit companies, total.....	50	33	3.6	20.9	3.0	6.2	15.4	40.5	65.2	105.6	2.6	16.9	17.1
	Corporate ownership or control...	50	33	3.6	20.9	3.0	6.2	15.4	40.5	65.2	105.6	2.6	16.9	17.1
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	218	108	7.0	36.9	5.8	11.2	26.4	71.4	98.0	167.0	3.5	18.1	21.8
	Corporate ownership or control...	169	103	6.6	35.1	5.4	10.6	24.9	68.2	93.1	158.9	3.2	17.2	20.8
	Noncorporate ownership.....	49	5	.4	1.8	.4	.7	1.5	3.3	4.8	8.1	.3	.9	1.0
	Administrative records <sup>e</sup> .....	186	-	.6	2.7	.6	1.0	2.1	4.9	7.0	11.9	.3	2.2	2.2
	Legal form of organization:													
	Corporate.....	219	136	10.2	55.9	8.4	16.7	40.3	108.7	158.3	264.5	5.8	34.1	37.9
	Noncorporate, total.....	49	5	.4	1.8	.4	.7	1.5	3.3	4.8	8.1	.3	.9	1.0
	Individual.....	45	4	.3	1.5	.3	.5	1.1	2.6	4.0	6.5	.3	.7	.8
	Partnership.....	4	1	.1	.4	.1	.2	.4	.6	.9	1.5	(Z)	.1	.1
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	186	-	.6	2.7	.6	1.0	2.1	4.9	7.0	11.9	.3	2.2	2.2
38	Instruments and related products, total .....	4,453	1,614	394.3	2,821.6	265.9	530.2	1,569.0	6,418.4	3,591.8	<sup>2</sup> 9,907.2	392.2	1,833.1	1,978.1
	Type of operation:													
	Multiunit companies, total.....	915	762	323.0	2,376.4	212.3	426.0	1,296.0	5,570.7	3,041.3	8,521.9	356.8	1,627.5	1,755.1
	Corporate ownership or control...	906	755	321.9	2,369.7	211.6	424.3	1,292.6	5,555.3	3,029.5	8,494.7	356.6	1,625.1	1,752.8
	Noncorporate ownership.....	9	7	1.1	6.7	.8	1.6	3.4	15.4	11.8	27.2	.1	2.4	2.3
	Single unit companies, total.....	1,862	852	67.4	424.0	50.1	98.5	258.9	799.7	521.6	1,308.6	34.3	192.6	209.9
	Corporate ownership or control...	1,539	814	64.2	406.3	47.4	93.5	245.4	764.6	500.6	1,252.8	33.0	187.4	204.0
	Noncorporate ownership.....	323	38	3.2	17.8	2.7	5.0	13.5	35.1	21.1	55.8	1.3	5.3	5.8
	Administrative records <sup>e</sup> .....	1,676	-	3.9	21.1	3.8	5.8	14.2	48.1	28.6	76.7	1.1	13.1	13.1
	Legal form of organization:													
	Corporate.....	2,445	1,569	386.1	2,775.9	258.9	517.9	1,538.1	6,319.8	3,530.3	9,747.4	389.7	1,812.5	1,956.8
	Noncorporate, total.....	332	45	4.3	24.5	3.5	6.6	16.8	50.5	32.9	83.1	1.4	7.6	8.1
	Individual.....	281	25	2.6	14.8	2.1	3.8	10.6	29.3	14.3	43.3	1.0	4.5	4.9
	Partnership.....	46	19	1.7	9.1	1.3	2.7	6.0	20.2	17.7	37.9	.4	3.0	3.1
	Other.....	5	1	.1	.6	(Z)	.1	.3	1.0	.9	1.9	(Z)	.2	.2
	Administrative records <sup>e</sup> .....	1,676	-	3.9	21.1	3.8	5.8	14.2	48.1	28.6	76.7	1.1	13.1	13.1
3811	Engineering, scientific instruments, total .....	677	282	46.1	327.1	31.4	64.0	191.2	617.4	405.5	1,000.8	21.8	189.7	218.6
	Type of operation:													
	Multiunit companies, total.....	133	119	33.2	240.2	22.2	45.6	140.2	456.9	301.8	740.6	14.1	149.1	171.6
	Corporate ownership or control...	132	119	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	342	163	12.4	84.2	8.7	17.7	49.1	154.4	100.3	250.8	7.5	38.9	45.4
	Corporate ownership or control...	289	156	12.0	81.5	8.3	16.9	47.0	148.7	97.2	242.0	7.3	37.9	44.2
	Noncorporate ownership.....	53	7	.5	2.7	.4	.7	2.1	5.7	3.1	8.8	.2	1.0	1.2
	Administrative records <sup>e</sup> .....	202	-	.5	2.7	.5	.7	1.9	6.1	3.3	9.4	.2	1.7	1.7
	Legal form of organization:													
	Corporate.....	421	275	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	54	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual.....	44	5	.4	2.2	.3	.6	1.8	4.6	2.3	6.8	.2	.8	.9
	Partnership.....	9	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	202	-	.5	2.7	.5	.7	1.9	6.1	3.3	9.4	.2	1.7	1.7

See footnotes at end of table.



TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967-Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new <sup>2</sup>	Inventories end of--	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
3821	Mechanical measuring devices, total	661	285	72.9	520.8	45.9	89.9	268.9	972.0	497.3	1,455.1	45.1	371.9	390.0
	Type of operation:													
	Multiunit companies, total.....	166	149	62.6	452.4	38.7	76.0	229.6	841.3	423.5	1,253.3	40.6	336.5	351.4
	Corporate ownership or control...	164	147	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	271	136	9.8	65.5	6.7	13.1	37.1	124.3	70.1	191.7	4.3	33.5	36.7
	Corporate ownership or control...	231	130	9.3	63.0	6.3	12.4	35.1	118.9	67.5	183.7	4.1	32.7	35.9
	Noncorporate ownership.....	40	6	.5	2.5	.4	.7	2.0	5.4	2.6	8.0	.3	.8	.8
	Administrative records <sup>e</sup> .....	224	-	.5	2.9	.5	.8	2.2	6.4	3.7	10.1	.2	1.9	1.9
	Legal form of organization:													
	Corporate.....	395	277	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	42	8	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual.....	38	6	.6	3.7	.5	.8	2.4	7.7	3.4	11.1	.3	1.3	1.3
	Partnership.....	4	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	224	-	.5	2.9	.5	.8	2.2	6.4	3.7	10.1	.2	1.9	1.9
3822	Automatic temperature controls, total	105	54	31.4	210.8	22.6	45.2	131.1	419.7	193.9	618.0	13.2	133.1	124.6
	Type of operation:													
	Multiunit companies, total.....	40	39	29.2	197.2	20.8	41.6	121.8	384.2	176.2	565.2	12.3	125.7	117.5
	Corporate ownership or control...	40	39	29.2	197.2	20.8	41.6	121.8	384.2	176.2	565.2	12.3	125.7	117.5
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	46	15	2.2	13.4	1.8	3.5	9.1	34.8	17.4	51.9	.9	7.2	6.9
	Corporate ownership or control...	33	14	2.1	12.8	1.7	3.4	8.7	33.7	16.9	50.3	.9	7.0	6.7
	Noncorporate ownership <sup>e</sup> .....	13	1	.1	.6	.1	.2	.4	1.1	.5	1.6	(Z)	.2	.2
	Administrative records <sup>e</sup> .....	19	-	(Z)	.2	(Z)	.1	.1	.6	.3	.9	(Z)	.2	.2
	Legal form of organization:													
	Corporate.....	73	53	31.3	209.9	22.5	44.9	130.6	417.9	193.1	615.4	13.2	132.7	124.2
	Noncorporate, total.....	13	1	.1	.6	.1	.2	.4	1.1	.5	1.6	(Z)	.2	.2
	Individual <sup>e</sup> .....	11	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	19	-	(Z)	.2	(Z)	.1	.1	.6	.3	.9	(Z)	.2	.2
3831	Optical instruments and lenses, total	303	109	20.8	163.0	13.2	27.6	86.1	283.7	130.3	406.9	15.8	85.0	91.9
	Type of operation:													
	Multiunit companies, total.....	56	45	14.4	120.0	8.6	18.6	60.4	205.5	92.5	291.7	11.8	67.8	73.9
	Corporate ownership or control...	56	45	14.4	120.0	8.6	18.6	60.4	205.5	92.5	291.7	11.8	67.8	73.9
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	147	64	6.2	41.7	4.4	8.7	24.7	74.8	36.3	110.3	3.9	16.4	17.1
	Corporate ownership or control...	109	60	5.8	39.3	4.0	8.1	22.7	70.6	34.9	104.7	3.7	15.9	16.5
	Noncorporate ownership.....	38	4	.4	2.4	.3	.6	2.0	4.2	1.4	5.6	.2	.5	.6
	Administrative records <sup>e</sup> .....	100	-	.2	1.3	.2	.3	1.0	3.3	1.5	4.9	.1	.8	.8
	Legal form of organization:													
	Corporate.....	165	105	20.2	159.4	12.7	26.6	83.1	276.1	127.4	396.5	15.5	83.7	90.5
	Noncorporate, total.....	38	4	.4	2.4	.3	.6	2.0	4.2	1.4	5.6	.2	.5	.6
	Individual <sup>e</sup> .....	36	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	100	-	.2	1.3	.2	.3	1.0	3.3	1.5	4.9	.1	.8	.8
3841	Surgical and medical instruments, total	321	138	22.0	139.6	16.4	32.8	83.5	297.4	192.1	475.4	18.5	83.2	101.6
	Type of operation:													
	Multiunit companies, total.....	70	62	15.6	101.9	11.3	23.1	59.2	221.1	146.6	356.2	14.2	66.2	80.6
	Corporate ownership or control...	70	62	15.6	101.9	11.3	23.1	59.2	221.1	146.6	356.2	14.2	66.2	80.6
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	137	76	6.2	36.3	4.8	9.4	23.4	73.0	43.2	113.7	4.3	16.1	20.1
	Corporate ownership or control...	120	75	6.0	35.5	4.7	9.1	22.8	71.1	42.5	111.1	4.2	15.9	19.8
	Noncorporate ownership.....	17	1	.1	.7	.1	.2	.5	1.8	.7	2.5	(Z)	.2	.2
	Administrative records <sup>e</sup> .....	114	-	.3	1.4	.3	.4	1.0	3.3	2.3	5.5	(Z)	.9	.9
	Legal form of organization:													
	Corporate.....	190	137	21.6	137.4	16.0	32.2	82.0	292.3	189.1	467.4	18.4	82.1	100.4
	Noncorporate, total.....	17	1	.1	.7	.1	.2	.5	1.8	.7	2.5	(Z)	.2	.2
	Individual.....	14	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	114	-	.3	1.4	.3	.4	1.0	3.3	2.3	5.5	(Z)	.9	.9
3842	Surgical appliances and supplies, total	811	211	35.2	220.3	24.6	48.0	125.7	527.2	324.5	837.9	30.5	138.7	154.0
	Type of operation:													
	Multiunit companies, total.....	146	101	26.0	167.9	17.2	34.2	93.5	429.0	255.5	672.1	26.4	117.6	131.0
	Corporate ownership or control...	145	101	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	296	110	8.4	47.8	6.5	12.5	29.7	87.9	63.1	149.5	3.9	18.5	20.3
	Corporate ownership or control...	237	103	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	59	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	369	-	.9	4.6	.9	1.3	2.5	10.4	5.9	16.3	.3	2.6	2.6
	Legal form of organization:													
	Corporate.....	382	204	33.6	212.2	23.2	45.7	120.9	510.4	313.2	809.8	30.1	135.1	150.2
	Noncorporate, total.....	60	7	.7	3.5	.5	1.0	2.3	6.4	5.4	11.8	.2	1.1	1.2
	Individual.....	49	4	.4	2.0	.3	.6	1.4	3.7	2.2	5.8	.1	.5	.6
	Partnership.....	9	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	369	-	.9	4.6	.9	1.3	2.5	10.4	5.9	16.3	.3	2.6	2.6

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967—Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new <sup>2</sup> (million dollars)	Inventories end of—	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
3843	Dental equipment and supplies, total	334	76	10.2	67.4	7.5	14.3	38.3	141.0	82.8	220.5	4.5	40.5	45.9
	Type of operation:													
	Multiunit companies, total.....	47	36	6.9	45.8	5.0	9.5	25.8	98.2	58.4	154.1	3.1	31.6	35.8
	Corporate ownership or control...	46	35	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	111	40	3.0	19.7	2.2	4.3	11.5	37.8	21.8	58.7	1.4	7.8	8.9
	Corporate ownership or control...	90	38	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	21	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	176	-	.4	1.9	.4	.5	1.1	5.1	2.7	7.7	(Z)	1.2	1.2
	Legal form of organization:													
	Corporate.....	136	73	9.5	64.5	6.7	13.5	36.1	133.7	79.4	210.0	4.5	38.9	44.4
	Noncorporate, total.....	22	3	.2	1.0	.2	.3	.9	2.2	.7	2.8	(Z)	.2	.3
	Individual.....	19	2	.1	.8	.1	.2	.6	1.8	.5	2.3	(Z)	.2	.3
	Partnership.....	3	1	.1	.3	(Z)	.1	.3	.4	.1	.6	(Z)	(Z)	(Z)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	176	-	.4	1.9	.4	.5	1.1	5.1	2.7	7.7	(Z)	1.2	1.2
3851	Ophthalmic goods, total	461	142	25.6	143.4	20.7	41.1	103.4	286.4	144.1	426.0	14.5	94.4	97.8
	Type of operation:													
	Multiunit companies, total.....	70	50	18.3	104.5	14.8	29.7	75.9	211.9	95.4	303.6	12.4	80.1	82.3
	Corporate ownership or control...	68	48	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	190	92	6.8	36.0	5.4	10.5	25.3	68.8	45.1	113.0	2.0	12.8	14.1
	Corporate ownership or control...	161	87	6.5	34.4	5.2	10.0	23.9	66.0	42.4	107.5	1.9	12.5	13.7
	Noncorporate ownership.....	29	5	.3	1.6	.3	.5	1.3	2.8	2.7	5.5	.1	.4	.3
	Administrative records <sup>e</sup> .....	201	-	.6	2.9	.6	.9	2.3	5.7	3.7	9.4	.1	1.5	1.5
	Legal form of organization:													
	Corporate.....	229	135	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	31	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual.....	24	1	.2	.8	.1	.3	.7	1.4	.9	2.3	.1	.2	.2
	Partnership.....	7	6	.4	1.8	.3	.7	1.3	4.0	4.7	8.7	.1	.7	.7
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	201	-	.6	2.9	.6	.9	2.3	5.7	3.7	9.4	.1	1.5	1.5
3861	Photographic equipment and supplies, total	557	214	94.9	820.2	56.2	112.1	401.3	2,480.7	1,203.3	3,664.5	217.9	524.5	568.6
	Type of operation:													
	Multiunit companies, total.....	127	107	86.0	756.4	49.6	98.0	366.2	2,375.0	1,119.1	3,473.9	213.0	493.8	538.7
	Corporate ownership or control...	126	106	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	236	107	8.4	56.2	6.2	12.1	33.5	100.2	80.5	181.3	4.8	29.0	28.3
	Corporate ownership or control...	196	104	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	40	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	194	-	.4	2.4	.4	.6	1.6	5.4	3.8	9.2	.1	1.7	1.7
	Legal form of organization:													
	Corporate.....	322	210	93.2	812.6	54.8	110.2	396.0	2,463.4	1,189.6	3,633.5	217.5	520.9	565.0
	Noncorporate, total.....	41	4	.8	5.2	.6	1.3	2.8	11.9	9.9	21.8	.2	1.9	1.9
	Individual.....	32	1	.2	.1	.2	.4	.9	2.5	1.5	4.0	.1	.5	.5
	Partnership.....	8	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	194	-	.4	2.4	.4	.6	1.6	5.4	3.8	9.2	.1	1.7	1.7
3871	Watches and clocks, total	176	84	31.5	187.9	24.5	49.6	122.9	361.6	393.7	746.5	9.5	163.3	176.8
	Type of operation:													
	Multiunit companies, total.....	54	48	28.5	171.2	22.1	44.9	112.6	327.8	357.1	676.0	8.2	153.5	167.2
	Corporate ownership or control...	54	48	28.5	171.2	22.1	44.9	112.6	327.8	357.1	676.0	8.2	153.5	167.2
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	61	36	2.9	16.1	2.3	4.6	9.9	32.3	35.4	67.8	1.1	9.2	9.0
	Corporate ownership or control...	51	34	2.8	15.6	2.2	4.4	9.6	31.0	34.3	65.5	1.1	8.9	8.8
	Noncorporate ownership.....	10	2	.1	.4	.1	.1	.3	1.2	1.1	2.4	(Z)	.3	.3
	Administrative records <sup>e</sup> .....	61	-	.1	.6	.1	.2	.4	1.6	1.2	2.7	.1	.6	.6
	Legal form of organization:													
	Corporate.....	105	82	31.3	186.8	24.3	49.3	122.2	358.8	391.4	741.4	9.3	162.4	175.9
	Noncorporate, total.....	10	2	.1	.4	.1	.1	.3	1.2	1.1	2.4	(Z)	.3	.3
	Individual.....	10	2	.1	.4	.1	.1	.3	1.2	1.1	2.4	(Z)	.3	.3
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	61	-	.1	.6	.1	.2	.4	1.6	1.2	2.7	.1	.6	.6
3872	Watchcases, total	47	19	3.7	21.1	3.1	5.6	16.6	31.3	23.8	55.6	.9	8.8	8.3
	Type of operation:													
	Multiunit companies, total.....	6	6	2.4	13.8	2.0	3.4	10.9	19.7	15.2	35.2	.6	5.4	5.1
	Corporate ownership or control...	5	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	25	13	1.3	7.2	1.1	2.2	5.6	11.4	8.5	19.9	.3	3.3	3.1
	Corporate ownership or control...	22	13	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	16	-	(Z)	.1	(Z)	(Z)	.1	.2	.2	.5	-	.1	.1
	Legal form of organization:													
	Corporate.....	27	18	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	4	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual.....	4	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	16	-	(Z)	.1	(Z)	(Z)	.1	.2	.2	.5	-	.1	.1

See footnotes at end of table.



TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967—Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new <sup>2</sup> (million dollars)	Inventories end of—	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
39	Miscellaneous manufacturing industries, total.....	14,072	3,845	423.1	2,291.0	344.4	662.0	1,552.5	4,599.4	3,773.4	8,310.7	213.5	1,359.7	1,447.2
	Type of operation:													
	Multiunit companies, total.....	1,199	998	205.9	1,159.7	163.6	321.2	778.1	2,469.1	1,971.2	4,403.4	146.2	876.6	924.1
	Corporate ownership or control...	1,177	993	205.6	1,158.0	163.3	320.6	776.8	2,465.9	1,967.7	4,396.5	146.2	876.0	923.5
	Noncorporate ownership.....	22	5	.3	1.7	.3	.6	1.3	3.2	3.6	6.9	(2)	.6	.6
	Single unit companies, total.....	6,268	2,847	202.2	1,063.5	166.0	316.9	726.0	1,965.6	1,675.8	3,616.4	64.0	438.8	478.8
	Corporate ownership or control...	4,871	2,644	186.1	989.2	152.1	291.1	668.9	1,816.4	1,548.8	3,343.9	60.2	415.5	450.3
	Noncorporate ownership.....	1,397	203	16.1	74.3	13.9	25.8	57.0	149.2	127.1	272.5	3.9	23.3	28.5
	Administrative records <sup>e</sup> .....	6,605	-	15.0	67.8	14.9	23.8	48.3	164.7	126.3	291.0	3.2	44.3	44.3
	Legal form of organization:													
	Corporate.....	6,048	3,637	391.7	2,147.3	315.4	611.7	1,445.7	4,282.3	3,516.4	7,740.4	206.3	1,291.5	1,373.8
	Noncorporate, total.....	1,419	208	16.4	75.9	14.2	26.4	58.4	152.5	130.6	279.3	3.9	24.0	29.1
	Individual.....	1,082	75	8.7	40.8	7.7	14.0	31.2	82.5	66.1	145.7	2.5	13.1	16.5
	Partnership.....	300	109	6.3	30.9	5.4	10.6	24.3	63.6	61.2	123.9	1.2	10.2	11.8
	Other.....	37	24	1.4	4.3	1.1	1.9	2.9	6.4	3.4	9.7	.2	.7	.8
	Administrative records <sup>e</sup> .....	6,605	-	15.0	67.8	14.9	23.8	48.3	164.7	126.3	291.0	3.2	44.3	44.3
3911	Jewelry, precious metal, total.....	1,489	306	29.9	182.6	22.8	44.1	113.6	352.7	397.7	741.8	5.9	135.4	148.1
	Type of operation:													
	Multiunit companies, total.....	47	39	9.9	63.8	6.7	14.1	34.8	130.1	138.7	264.1	2.4	64.6	72.3
	Corporate ownership or control...	45	37	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	735	267	18.5	110.9	14.5	27.8	72.8	201.2	237.4	434.9	3.4	61.8	66.8
	Corporate ownership or control...	567	246	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	168	21	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	707	-	1.6	7.8	1.5	2.3	6.0	21.3	21.5	42.8	.1	9.0	9.0
	Legal form of organization:													
	Corporate.....	612	283	26.5	163.8	19.8	38.9	99.3	309.2	349.9	651.1	5.6	120.7	132.7
	Noncorporate, total.....	170	23	1.8	10.9	1.5	2.9	8.4	22.1	26.2	47.8	.2	5.7	6.4
	Individual.....	117	5	.8	5.0	.7	1.3	3.9	9.3	11.7	20.9	.1	2.9	2.9
	Partnership.....	53	18	1.0	5.9	.8	1.6	4.5	12.8	14.5	27.0	.1	2.8	3.5
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	707	-	1.6	7.8	1.5	2.3	6.0	21.3	21.5	42.8	.1	9.0	9.0
3912	Jewelers' findings and materials, total.....	232	62	5.5	29.7	4.6	8.6	18.9	57.8	72.0	128.6	1.9	18.4	19.9
	Type of operation:													
	Multiunit companies, total.....	8	6	1.4	8.2	1.1	2.0	5.0	17.0	29.1	45.1	.6	10.4	11.7
	Corporate ownership or control...	8	6	1.4	8.2	1.1	2.0	5.0	17.0	29.1	45.1	.6	10.4	11.7
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	114	56	3.8	20.3	3.2	6.1	13.1	37.5	40.7	78.1	1.2	7.3	7.6
	Corporate ownership or control...	96	55	3.6	19.6	3.0	5.7	12.7	35.5	39.1	74.5	1.1	7.2	7.5
	Noncorporate ownership.....	18	1	.2	.6	.2	.3	.5	2.0	1.6	3.6	.1	.2	.2
	Administrative records <sup>e</sup> .....	110	-	.3	1.2	.3	.5	.8	3.3	2.2	5.5	.1	.6	.6
	Legal form of organization:													
	Corporate.....	104	61	5.0	27.8	4.1	7.8	17.6	52.5	68.3	119.5	1.7	17.6	19.1
	Noncorporate, total.....	18	1	.2	.6	.2	.3	.5	2.0	1.6	3.6	.1	.2	.2
	Individual.....	12	-	.1	.2	.1	.1	.2	.8	.6	1.4	(2)	.1	.1
	Partnership.....	5	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	110	-	.3	1.2	.3	.5	.8	3.3	2.2	5.5	.1	.6	.6
3913	Lapidary work, total.....	296	22	1.9	11.8	1.7	3.0	7.9	32.4	59.8	89.5	.6	16.3	19.4
	Type of operation:													
	Multiunit companies, total.....	7	6	.5	3.4	.4	.7	1.6	9.7	16.5	25.6	(D)	5.6	6.4
	Corporate ownership or control...	7	6	.5	3.4	.4	.7	1.6	9.7	16.5	25.6	(D)	5.6	6.4
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	71	16	1.0	6.5	.9	1.5	4.9	16.3	39.2	53.4	(D)	6.8	9.2
	Corporate ownership or control...	43	13	.8	5.3	.7	1.2	3.9	12.8	33.1	44.7	(D)	6.0	7.4
	Noncorporate ownership.....	28	3	.2	1.3	.2	.3	1.1	3.5	6.1	8.7	(D)	.8	1.8
	Administrative records <sup>e</sup> .....	218	-	.4	1.9	.4	.7	1.4	6.4	4.0	10.4	(D)	3.9	3.9
	Legal form of organization:													
	Corporate.....	50	19	1.3	8.7	1.0	1.9	5.4	22.5	49.7	70.3	.6	11.7	13.7
	Noncorporate, total.....	28	3	.2	1.3	.2	.3	1.1	3.5	6.1	8.7	(D)	.8	1.8
	Individual.....	22	1	.1	.9	.1	.2	.7	2.6	3.3	5.0	(D)	.3	1.2
	Partnership.....	6	2	.1	.4	.1	.1	.4	.9	2.8	3.8	-	.5	.6
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	218	-	.4	1.9	.4	.7	1.4	6.4	4.0	10.4	-	3.9	3.9
3914	Silverware and plated ware, total....	195	82	14.9	95.8	12.6	26.4	76.5	198.0	148.2	339.1	5.7	74.8	83.0
	Type of operation:													
	Multiunit companies, total.....	35	31	11.4	76.3	9.7	20.7	62.6	160.1	119.0	271.8	4.9	62.7	70.8
	Corporate ownership or control...	34	30	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	92	51	3.4	18.8	2.7	5.5	13.3	36.2	27.8	64.3	.8	11.5	11.6
	Corporate ownership or control...	80	50	3.2	18.1	2.6	5.3	12.7	35.0	26.8	62.0	.8	11.2	11.3
	Noncorporate ownership <sup>e</sup> .....	12	1	.1	.6	.1	.2	.5	1.2	1.1	2.3	(2)	.3	.3
	Administrative records <sup>e</sup> .....	68	-	.1	.7	.1	.2	.6	1.8	1.3	3.1	(2)	.6	.6
	Legal form of organization:													
	Corporate.....	114	80	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	13	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual.....	9	-	.1	.4	.1	.1	.3	.8	.7	1.5	(2)	.3	.3
	Partnership.....	4	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	68	-	.1	.7	.1	.2	.6	1.8	1.3	3.1	(2)	.6	.6

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967—Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new <sup>2</sup> (million dollars)	Inventories end of—	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
3931	Musical instruments and parts, total	343	121	24.9	143.7	20.8	39.9	106.0	237.8	202.4	434.3	10.6	118.6	123.6
	Type of operation:													
	Multiunit companies, total.....	75	61	19.0	109.9	15.8	30.0	80.8	179.9	163.3	338.6	8.5	103.7	106.9
	Corporate ownership or control...	73	61	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	139	60	5.6	32.5	4.8	9.5	24.1	55.5	37.3	91.5	2.0	14.1	15.9
	Corporate ownership or control...	104	59	5.4	31.1	4.5	9.0	22.9	53.0	36.1	87.8	1.8	13.4	15.2
	Noncorporate ownership.....	35	1	.3	1.4	.3	.5	1.2	2.5	1.3	3.8	.2	.7	.6
	Administrative records <sup>e</sup> .....	129	-	.3	1.2	.3	.4	1.0	2.4	1.8	4.2	.1	.9	.9
	Legal form of organization:													
	Corporate.....	177	120	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	37	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual <sup>e</sup> .....	32	1	.2	1.1	.2	.4	1.0	1.8	.9	2.7	.1	.5	.5
	Partnership.....	5	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	129	-	.3	1.2	.3	.4	1.0	2.4	1.8	4.2	.1	.9	.9
3941	Games and toys, total.....	684	330	55.1	264.9	46.1	86.6	178.1	614.3	490.6	1,113.5	33.7	169.4	159.4
	Type of operation:													
	Multiunit companies, total.....	108	9	35.1	173.9	28.9	54.2	113.4	426.3	318.3	752.1	25.0	116.5	106.7
	Corporate ownership or control...	107	99	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	353	231	19.4	88.7	16.6	31.5	62.9	182.9	168.3	352.4	8.3	51.4	51.2
	Corporate ownership or control...	292	216	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	61	15	(D)	4.4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	223	-	.6	2.3	.6	.9	1.8	5.1	3.9	9.0	.3	1.5	1.5
	Legal form of organization:													
	Corporate.....	399	314	53.5	258.2	30.4	84.0	173.0	599.5	477.7	1,086.0	33.1	166.6	156.4
	Noncorporate, total.....	62	15	1.0	4.4	3.4	1.7	3.3	9.7	8.9	18.5	.3	1.3	1.5
	Individual.....	48	8	.6	2.7	.5	1.0	1.9	5.8	4.5	10.2	.2	.8	1.0
	Partnership.....	13	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	223	-	.6	2.3	.6	.9	1.8	5.1	3.9	9.0	.3	1.5	1.5
3942	Dolls, total.....	340	138	11.9	46.4	10.7	18.4	34.3	82.8	80.0	162.8	2.4	17.3	16.4
	Type of operation:													
	Multiunit companies, total.....	22	22	2.7	10.4	2.4	4.0	7.4	22.3	20.0	42.4	.4	3.6	2.9
	Corporate ownership or control...	22	22	2.7	10.4	2.4	4.0	7.4	22.3	20.0	42.4	.4	3.6	2.9
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	187	116	8.7	34.5	7.9	13.7	25.8	57.4	57.8	115.1	1.7	13.1	12.8
	Corporate ownership or control...	155	106	8.2	32.8	7.3	12.8	24.5	54.5	56.4	110.9	1.6	12.8	12.6
	Noncorporate ownership.....	32	10	.5	1.7	.5	.9	1.3	2.9	1.3	4.2	.1	.2	.2
	Administrative records <sup>e</sup> .....	131	-	.4	1.5	.4	.7	1.1	3.1	2.2	5.3	.3	.6	.6
	Legal form of organization:													
	Corporate.....	177	128	10.9	43.1	9.7	16.8	31.9	76.9	76.5	153.3	2.0	16.5	15.5
	Noncorporate, total.....	32	10	.5	1.7	.5	.9	1.3	2.9	1.3	4.2	.1	.2	.2
	Individual.....	26	6	.4	1.1	.3	.6	.9	1.8	.6	2.4	(Z)	.2	.2
	Partnership.....	6	4	.2	.6	.2	.3	.5	1.1	.8	1.8	(Z)	.1	.1
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	131	-	.4	1.5	.4	.7	1.1	3.1	2.2	5.3	.3	.6	.6
3943	Children's vehicles, except bicycles, total.....	45	23	3.7	19.4	3.1	6.4	13.9	38.7	40.9	78.7	3.5	12.5	13.9
	Type of operation:													
	Multiunit companies, total.....	12	12	2.2	12.4	1.8	3.9	8.9	24.0	29.6	53.9	3.1	8.1	8.2
	Corporate ownership or control...	12	12	2.2	12.4	1.8	3.9	8.9	24.0	29.6	53.9	3.1	8.1	8.2
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	14	11	1.4	6.8	1.2	2.5	4.8	14.4	11.0	24.2	.4	4.3	5.6
	Corporate ownership or control...	14	11	1.4	6.8	1.2	2.5	4.8	14.4	11.0	24.2	.4	4.3	5.6
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	19	-	(Z)	.2	(Z)	.1	.1	.3	.3	.6	(Z)	.1	.1
	Legal form of organization:													
	Corporate.....	26	23	3.6	19.2	3.1	6.4	13.7	38.4	40.6	78.1	3.5	11.7	13.1
	Noncorporate, total.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Individual.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	19	-	(Z)	.2	(Z)	.1	.1	.3	.3	.6	(Z)	.1	.1
3949	Sporting and athletic goods. N.E.C., total.....	1,366	383	45.2	228.3	37.2	72.0	160.0	469.5	406.5	853.3	22.5	191.5	218.1
	Type of operation:													
	Multiunit companies, total.....	157	133	25.9	138.9	20.7	41.0	96.9	289.4	240.8	513.2	13.6	134.1	152.6
	Corporate ownership or control...	155	133	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	520	250	17.7	83.4	14.9	28.4	58.9	166.6	152.5	313.3	8.7	51.6	59.6
	Corporate ownership or control...	410	237	16.7	79.6	14.0	26.7	55.9	159.0	145.7	299.5	8.4	49.5	57.2
	Noncorporate ownership.....	110	13	1.0	3.8	.9	1.7	3.0	7.6	6.8	14.1	.3	2.1	2.5
	Administrative records <sup>e</sup> .....	689	-	1.6	6.0	1.6	2.6	4.2	13.6	13.2	26.8	.2	5.8	5.8
	Legal form of organization:													
	Corporate.....	564	369	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	112	13	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual <sup>e</sup> .....	92	8	.7	2.6	.7	1.1	2.0	5.2	4.7	9.7	.2	1.4	1.6
	Partnership.....	19	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	689	-	1.6	6.0	1.6	2.6	4.2	13.6	13.2	26.8	.2	5.8	5.8

See footnotes at end of table.



TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967—Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new <sup>2</sup> (million dollars)	Inventories end of—	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
3951	Pens and mechanical pencils, total...	119	61	11.8	62.8	9.2	18.1	38.6	140.5	74.2	211.8	6.8	32.7	37.7
	Type of operation:													
	Multiunit companies, total.....	28	25	8.0	42.4	6.1	11.9	24.5	81.3	42.4	122.3	4.3	24.8	27.5
	Corporate ownership or control...	28	25	8.0	42.4	6.1	11.9	24.5	81.3	42.4	122.3	4.3	24.8	27.5
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	53	36	3.7	20.1	3.1	6.0	13.9	58.3	30.9	87.8	2.5	7.7	10.1
	Corporate ownership or control...	47	35	3.7	19.9	3.0	5.9	13.7	57.7	30.3	86.6	2.5	7.7	10.0
	Noncorporate ownership <sup>e</sup> .....	6	1	.1	.3	.1	.1	.2	.5	.6	1.2	(Z)	.1	.1
	Administrative records <sup>e</sup> .....	38	-	.1	.3	.1	.1	.3	.8	.9	1.7	(Z)	.2	.2
	Legal form of organization:													
	Corporate.....	75	60	11.7	62.2	9.1	17.8	38.2	139.1	72.7	208.9	6.8	32.4	37.4
	Noncorporate, total <sup>e</sup> .....	6	1	.1	.3	.1	.1	.2	.5	.6	1.2	(Z)	.1	.1
	Individual <sup>e</sup> .....	5	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	38	-	.1	.3	.1	.1	.3	.8	.9	1.7	(Z)	.2	.2
3952	Lead pencils and art goods, total....	131	59	7.9	42.2	6.0	12.0	24.7	79.8	80.5	158.9	4.6	33.7	36.4
	Type of operation:													
	Multiunit companies, total.....	27	26	4.8	25.2	3.6	7.1	15.2	50.1	52.5	101.2	3.9	23.9	25.9
	Corporate ownership or control...	27	26	4.8	25.2	3.6	7.1	15.2	50.1	52.5	101.2	3.9	23.9	25.9
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	63	33	3.1	16.5	2.4	4.7	9.3	28.6	27.1	55.7	.7	9.4	10.2
	Corporate ownership or control...	57	33	3.0	16.2	2.3	4.6	9.0	27.8	26.2	54.0	.7	9.3	10.1
	Noncorporate ownership.....	6	-	.1	.3	.1	.1	.2	.8	.8	1.6	-	.1	.1
	Administrative records <sup>e</sup> .....	41	-	.1	.4	.1	.1	.3	1.1	.9	2.0	(Z)	.4	.4
	Legal form of organization:													
	Corporate.....	84	59	7.8	41.5	5.9	11.8	24.2	77.9	78.7	155.3	4.6	33.2	35.9
	Noncorporate, total.....	6	-	.1	.3	.1	.1	.2	.8	.8	1.6	-	.1	.1
	Individual.....	4	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Partnership.....	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	41	-	.1	.4	.1	.1	.3	1.1	.9	2.0	(Z)	.4	.4
3953	Marking devices, total.....	602	109	8.5	53.3	5.8	11.1	29.2	98.1	50.4	146.3	6.4	16.5	17.8
	Type of operation:													
	Multiunit companies, total.....	64	44	4.0	26.4	2.5	5.0	13.0	49.8	28.4	76.3	5.0	11.0	11.7
	Corporate ownership or control...	64	44	4.0	26.4	2.5	5.0	13.0	49.8	28.4	76.3	5.0	11.0	11.7
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	223	65	3.8	23.5	2.6	5.1	14.1	39.9	18.1	57.7	1.4	4.5	5.1
	Corporate ownership or control...	170	62	3.4	21.1	2.3	4.5	12.5	35.2	16.0	51.0	1.2	4.0	4.6
	Noncorporate ownership.....	53	3	.4	2.4	.3	.6	1.6	4.7	2.0	6.7	.2	.5	.5
	Administrative records <sup>e</sup> .....	315	-	.7	3.3	.7	.9	2.0	8.4	3.9	12.3	(Z)	1.0	1.0
	Legal form of organization:													
	Corporate.....	234	106	7.4	47.6	4.9	9.5	25.6	85.0	44.5	127.3	6.2	15.0	16.3
	Noncorporate, total.....	53	3	.4	2.4	.3	.6	1.6	4.7	2.0	6.7	.2	.5	.5
	Individual.....	46	2	.3	1.7	.2	.4	1.2	3.3	1.3	4.6	.1	.3	.3
	Partnership.....	5	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	315	-	.7	3.3	.7	.9	2.0	8.4	3.9	12.3	(Z)	1.0	1.0
3955	Carbon paper and inked ribbons, total	107	63	6.5	41.8	4.4	9.0	23.8	93.8	113.2	206.8	5.3	30.2	30.9
	Type of operation:													
	Multiunit companies, total.....	45	34	4.8	30.8	3.2	6.6	17.7	74.3	84.1	158.4	4.2	25.1	25.7
	Corporate ownership or control...	45	34	4.8	30.8	3.2	6.6	17.7	74.3	84.1	158.4	4.2	25.1	25.7
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	44	29	1.6	10.8	1.2	2.3	6.0	19.0	28.5	47.4	(D)	5.0	5.0
	Corporate ownership or control...	38	29	1.6	10.6	1.2	2.3	5.9	18.8	28.2	46.8	(D)	4.9	4.9
	Noncorporate ownership <sup>e</sup> .....	6	-	(Z)	.2	(Z)	(Z)	.1	.3	.4	.6	(D)	.1	.1
	Administrative records <sup>e</sup> .....	18	-	(Z)	.2	(Z)	.1	.1	.4	.6	1.0	(D)	.1	.1
	Legal form of organization:													
	Corporate.....	83	63	6.4	41.4	4.3	8.9	23.5	93.1	112.3	205.2	(D)	30.0	30.6
	Noncorporate, total <sup>e</sup> .....	6	-	(Z)	.2	(Z)	(Z)	.1	.3	.4	.6	(D)	.1	.1
	Individual <sup>e</sup> .....	6	-	(Z)	.2	(Z)	(Z)	.1	.3	.4	.6	(D)	.1	.1
	Partnership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	18	-	(Z)	.2	(Z)	.1	.1	.4	.6	1.0	(D)	.1	.1
3961	Costume jewelry, total.....	764	206	22.4	106.9	19.4	36.7	73.8	220.5	160.5	376.5	4.4	42.7	48.5
	Type of operation:													
	Multiunit companies, total.....	27	24	7.6	43.4	6.4	12.1	27.3	93.3	52.7	144.2	1.2	23.5	25.8
	Corporate ownership or control...	25	22	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	360	182	13.8	59.3	11.8	22.8	43.2	115.4	98.3	211.0	2.8	17.3	20.8
	Corporate ownership or control...	390	164	12.4	53.9	10.7	20.5	39.2	102.7	87.1	188.4	2.6	16.1	18.2
	Noncorporate ownership.....	70	18	1.4	5.4	1.2	2.2	4.0	12.8	11.2	22.7	.2	1.1	2.6
	Administrative records <sup>e</sup> .....	377	-	1.1	4.2	1.1	1.8	3.3	11.8	9.5	21.3	.4	1.9	1.9
	Legal form of organization:													
	Corporate.....	315	186	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	72	20	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual.....	51	8	.7	2.6	.6	1.1	2.0	6.8	5.5	11.1	.1	.5	1.7
	Partnership.....	20	11	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	377	-	1.1	4.2	1.1	1.8	3.3	11.8	9.5	21.3	.4	1.9	1.9

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1967—Continued

Code	Item	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new <sup>2</sup> (million dollars)	Inventories end of—	
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					1966 (million dollars)	1967 (million dollars)
3962	Artificial flowers, total.....	321	79	5.2	20.2	4.6	7.9	14.8	43.3	41.4	84.7	.7	10.7	11.2
	Type of operation:													
	Multiunit companies, total.....	13	11	.6	2.6	.5	.9	1.8	6.6	8.8	15.9	(D)	3.0	2.6
	Corporate ownership or control...	13	11	.6	2.6	.5	.9	1.8	6.6	8.8	15.9	(D)	3.0	2.6
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	137	68	4.2	16.2	3.6	6.3	12.0	33.4	29.7	62.7	(D)	6.8	7.8
	Corporate ownership or control...	115	60	3.8	15.0	3.3	5.8	10.9	30.8	26.7	57.2	(D)	6.2	6.9
	Noncorporate ownership.....	22	8	.3	1.2	.3	.5	1.0	2.6	3.0	5.5	(D)	.6	.9
	Administrative records <sup>e</sup> .....	171	-	.4	1.4	.4	.6	1.0	3.3	2.8	6.1	(Z)	.8	.8
	Legal form of organization:													
	Corporate.....	128	71	4.5	17.6	3.9	6.7	12.7	37.4	35.5	73.1	(D)	9.2	9.5
	Noncorporate, total.....	22	8	.3	1.2	.3	.5	1.0	2.6	3.0	5.5	(D)	.6	.9
	Individual.....	16	4	.2	.6	.2	.3	.5	1.2	1.0	2.2	(D)	.1	.1
	Partnership.....	6	4	.1	.6	.1	.3	.6	1.3	2.0	3.3	-	.5	.8
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	171	-	.4	1.4	.4	.6	1.0	3.3	2.8	6.1	(Z)	.8	.8
3963	Buttons, total.....	234	62	4.8	23.7	4.1	8.0	16.8	46.1	35.5	80.8	1.2	10.5	12.2
	Type of operation:													
	Multiunit companies, total.....	21	16	1.5	8.1	1.2	2.5	5.6	18.8	13.6	32.0	.7	5.1	6.4
	Corporate ownership or control...	21	16	1.5	8.1	1.2	2.5	5.6	18.8	13.6	32.0	.7	5.1	6.4
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	111	46	3.0	14.4	2.6	5.0	10.2	24.4	20.0	44.1	.6	4.9	5.3
	Corporate ownership or control...	80	39	2.6	12.7	2.2	4.2	8.8	20.9	17.9	38.6	.5	4.5	4.8
	Noncorporate ownership.....	31	7	.4	1.7	.4	.8	1.5	3.6	2.1	5.6	.1	.4	.4
	Administrative records <sup>e</sup> .....	102	-	.3	1.3	.3	.5	.9	2.9	1.8	4.7	(Z)	.6	.6
	Legal form of organization:													
	Corporate.....	101	55	4.1	20.8	3.4	6.7	14.4	39.6	31.6	70.5	1.2	9.6	11.2
	Noncorporate, total.....	31	7	.4	1.7	.4	.8	1.5	3.6	2.1	5.6	.1	.4	.4
	Individual.....	22	2	.2	1.0	.2	.4	.9	2.1	1.3	3.3	(D)	.2	.3
	Partnership.....	8	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other.....	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Administrative records <sup>e</sup> .....	102	-	.3	1.3	.3	.5	.9	2.9	1.8	4.7	(Z)	.6	.6
3964	Needles, pins, and fasteners, total..	289	138	19.2	101.1	15.9	31.8	70.5	218.1	168.5	385.3	15.3	59.5	61.4
	Type of operation:													
	Multiunit companies, total.....	57	54	13.6	73.2	10.9	22.1	50.3	167.4	113.1	279.8	13.5	46.5	47.8
	Corporate ownership or control...	57	54	13.6	73.2	10.9	22.1	50.3	167.4	113.1	279.8	13.5	46.5	47.8
	Noncorporate ownership.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Single unit companies, total.....	144	84	5.3	26.8	4.7	9.3	19.4	47.9	53.0	100.3	1.8	12.4	13.0
	Corporate ownership or control...	126	80	5.1	25.8	4.5	8.9	18.6	46.4	50.4	96.3	1.7	12.2	12.8
	Noncorporate ownership.....	18	4	.2	.9	.2	.4	.8	1.4	2.6	4.0	.1	.2	.2
	Administrative records <sup>e</sup> .....	88	-	.3	1.1	.3	.4	.8	2.8	2.5	5.2	(Z)	.6	.6
	Legal form of organization:													
	Corporate.....	183	134	18.7	99.0	15.4	30.9	68.9	213.9	163.4	376.1	15.2	58.7	60.5
	Noncorporate, total.....	18	4	.2	.9	.2	.4	.8	1.4	2.6	4.0	.1	.2	.2
	Individual.....	10	1	.1	.4	.1	.1	.3	.3	1.2	1.4	(Z)	.1	.1
	Partnership.....	8	3	.1	.6	.1	.3	.5	1.2	1.4	2.6	(Z)	.1	.1
	Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative records <sup>e</sup> .....	88	-	.3	1.1	.3	.4	.8	2.8	2.5	5.2	(Z)	.6	.6
3991	Brooms and brushes, total.....	533	169	17.3	88.3	14.1	26.8	61.3	192.9	177.0	371.8	10.7	68.8	69.5
	Type of operation:													
	Multiunit companies, total.....	58	52	9.2	50.3	7.4	14.2	34.9	121.9	106.3	230.5	(D)	45.5	45.1
	Corporate ownership or control...	54	52	9.2	50.1	7.4	14.2	34.8	121.6	106.0	229.9	(D)	45.4	45.0
	Noncorporate ownership.....	4	-	(Z)	.1	(Z)	(Z)	.1	.4	.3	.7	(D)	.1	.1
	Single unit companies, total.....	223	117	7.6	35.8	6.3	11.8	24.6	65.5	64.5	129.6	(D)	20.9	22.0
	Corporate ownership or control...	158	104	6.6	32.3	5.4	10.2	21.7	58.9	57.3	115.9	(D)	19.3	20.2
	Noncorporate ownership.....	65	13	1.0	3.6	.9	1.6	2.9	6.6	7.1	13.7	(D)	1.6	1.8
	Administrative records <sup>e</sup> .....	252	-	.5	2.3	.5	.7	1.7	5.4	6.2	11.6	(Z)	2.3	2.3
	Legal form of organization:													
	Corporate.....	212	156	15.8	82.4	12.8	24.4	56.5	180.5	163.3	345.8	(D)	64.7	65.2
	Noncorporate, total.....	69	13	1.0	3.7	.9	1.6	3.0	6.9	7.4	14.3	(D)	1.8	1.9
	Individual.....	52	4	.5	2.1	.5	.9	1.8	3.8	4.4	8.2	.1	1.1	1.2
	Partnership.....	13	5	.3	1.3	.3	.5	1.0	2.8	2.6	5.4	.1	.6	.6
	Other.....	4	4	.2	.3	.1	.2	.3	.3	.4	.8	(D)	.1	.1
	Administrative records <sup>e</sup> .....	252	-	.5	2.3	.5	.7	1.7	5.4	6.2	11.6	(Z)	2.3	2.3
3993	Signs and advertising displays, total	3,188	623	47.8	309.3	36.8	70.6	198.8	546.6	330.8	875.1	23.0	83.6	87.3
	Type of operation:													
	Multiunit companies, total.....	129	95	9.6	64.8	6.8	13.4	39.0	117.2	65.3	181.6	9.3	26.6	27.9
	Corporate ownership or control...	126	95	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate ownership.....	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Single unit companies, total.....	1,423	528	35.0	227.2	26.7	52.0	148.0	388.0	241.3	627.9	12.8	51.1	53.6
	Corporate ownership or control...	1,064	501	31.8	208.1	24.1	47.0	133.5	352.4	221.9	573.2	(D)	48.3	50.3
	Noncorporate ownership.....	359	27	3.2	19.1	2.6	5.0	14.5	35.6	19.4	54.7	(D)	2.9	3.3
	Administrative records <sup>e</sup> .....	1,636	-	3.2	17.3	3.2	5.2	11.8	41.4	24.2	65.6	.9	5.9	5.8
	Legal form of organization:													
	Corporate.....	1,190	596	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Noncorporate, total.....	362	27	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Individual.....	289	9	1.9	10.9	1.6	3.0	8.1	20.3	11.5	31.7	.8	1.8	2.1
	Partnership.....	66	14	1.1	7.1	.9	1.8	5.6	13.5	7.2	20.6	(D)	.9	1.1
	Other.....	7	4	.1	1.1	.1	.2	.8	1.7	.7	2.5	.1	.1	.1
	Administrative records <sup>e</sup> .....	1,636	-	3.2	17.3	3.2	5.2	11.8	41.4	24.2	65.6	.9	5.9	5.8

Note: Industries 3994-3999, Morticians' Goods, Hard Surface Floor Coverings, and Manufactures, N.E.C., are not separately available, but included in total for Major Group 39, above. Major Group 19, Ordnance and Accessories, not shown separately but included in all industries total above.

Standard Notes: -Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

<sup>1</sup>All data are based on reports for individual manufacturing establishments and not on a company basis. Each establishment of multiestablishment companies is classified by its primary industrial activity. For this reason the statistics presented in this table cannot be compared directly with tabulations in which the whole corporation is the reporting unit and the entire company is classified in one industry, for example, the "Statistics of Income, Corporation Income Tax Returns" compiled by the Bureau of Internal Revenue, U.S. Treasury Department. Establishments were classified as part of a multiunit company when the company operated two or more establishments, of which at least one was a manufacturing establishment.

<sup>2</sup>Includes expenditures for plants in operation and for plants under construction but not yet in operation.

<sup>3</sup>These figures include extensive duplication arising from shipments between establishments in the same industry classification. See Introduction for a more detailed discussion.

<sup>4</sup>Value of production rather than value of shipments. Consequently, the formula for computing adjusted value added by manufacture was modified to include only changes in work-in-process inventories between the beginning and end of the year.

<sup>5</sup>Value of work done rather than value of shipments. Therefore, value added has not been adjusted for any inventory change.



## Chapter 4

# Manufacturers' Inventories

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## INVENTORIES

See Introduction for discussion on how census was conducted. The value of beginning-of-year and end-of-year inventories, respectively, held by each manufacturing establishment was obtained in the 1967 census. Separate inventory figures were requested for (1) finished products, (2) work in process, and (3) materials, supplies, fuel and other inventories.

Respondents were asked to report their inventories at approximate current costs if feasible; otherwise, "at book values." Since different methods of inventory valuation are used (LIFO, FIFO, etc.), the definition of the value of inventories aggregate for all establishments in an industry is not precise. The figures on change in inventory between the beginning and the end of the year are of considerably greater significance.

In using inventory data by stage of fabrication for all industries and at the 2-digit industry level, the following should be noted: An item treated as a finished product by an establishment in one industry may be reported as a raw material by another establishment in a different industry. (For example, the finished product inventories of a steel mill would be reported as raw materials by a stamping plant.) Such differences are present in the inventory figures by stage of fabrication shown for individual industries, industry groups, and all manufacturing which are merely aggregates of figures reported by establishments in specified industries. Further, the total finished-goods inventory for "all manufacturing" includes items that are not finished manufactured products.

For a few industries in the food group, there are special problems in the handling of inventories by stage of fabrication. These are industries in which the products are usually stored under controlled conditions, and the products are aged. Included among such types of products are stemmed and dried tobacco, cheese, and whiskey. It is not clear whether such products should be treated as finished goods, work in process, or material and supplies inventories while in storage. In the cheese and whiskey industries substantial finished-goods inventories have been reported while in the tobacco industries, the bulk of the inventories have been classified as materials and supplies. These data have been summarized in the inventory tables in a consistent manner for the years included in this report.



TABLE 1. Value of Manufacturers' Inventories for Industry Groups and Industries: End of 1967 and 1966

(Millions of dollars)

Code	Industry	Value of inventories <sup>1</sup> at end of—							
		1967				1966			
		Total	Finished products	Work in process	Materials, supplies, fuels, etc.	Total	Finished products	Work in process	Materials, supplies, fuels, etc.
	ALL INDUSTRIES, TOTAL . . . . .	84 405.5	26 771.9	29 107.5	28 526.2	77 726.9	24 882.5	25 844.0	27 000.1
20	FOOD AND KINDRED PRODUCTS . . . . .	7 748.8	4 488.7	514.9	2 745.1	7 240.2	4 176.9	479.9	2 583.3
21	TOBACCO MANUFACTURES . . . . .	2 377.9	100.1	33.8	2 244.1	2 303.7	94.7	33.9	2 175.1
22	TEXTILE MILL PRODUCTS . . . . .	3 093.2	1 208.8	897.1	987.2	2 967.3	1 167.2	859.4	940.5
23	APPAREL AND OTHER TEXTILE PRODUCTS . . . . .	2 753.0	1 270.3	546.0	936.9	2 672.5	1 231.7	524.6	916.1
24	LUMBER AND WOOD PRODUCTS . . . . .	1 465.7	646.2	299.8	519.7	1 466.4	638.6	308.3	519.1
25	FURNITURE AND FIXTURES . . . . .	1 129.8	329.4	287.2	513.4	1 080.4	306.8	270.6	503.2
26	PAPER AND ALLIED PRODUCTS . . . . .	2 262.8	825.2	264.1	1 173.6	2 176.0	755.4	255.6	1 165.1
27	PRINTING AND PUBLISHING . . . . .	1 859.8	728.7	456.7	674.3	1 667.2	616.4	443.1	617.5
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	5 348.7	2 614.3	780.7	1 953.5	4 907.2	2 435.5	737.0	1 824.7
29	PETROLEUM AND COAL PRODUCTS . . . . .	2 029.7	1 184.5	413.4	431.7	1 860.9	1 082.8	384.2	393.8
30	RUBBER AND PLASTICS PRODUCTS, N.E.C. . . . .	1 670.0	806.7	283.5	579.6	1 600.9	806.6	268.2	526.1
31	LEATHER AND LEATHER PRODUCTS . . . . .	653.7	258.1	155.3	240.5	667.4	258.1	156.7	252.5
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	1 851.2	963.0	264.6	623.4	1 803.5	946.9	249.8	606.6
33	PRIMARY METAL INDUSTRIES . . . . .	8 001.4	2 208.2	2 704.4	3 089.0	7 470.5	2 009.4	2 436.4	3 024.6
34	FABRICATED METAL PRODUCTS . . . . .	5 654.4	1 508.5	1 969.2	2 176.7	5 429.9	1 407.5	1 902.2	2 120.2
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	10 917.0	3 073.1	5 046.7	2 797.0	10 139.1	2 749.4	4 780.5	2 609.4
36	ELECTRICAL EQUIPMENT AND SUPPLIES . . . . .	8 526.6	2 041.9	4 118.7	2 366.2	7 916.3	1 872.9	3 729.7	2 313.8
37	TRANSPORTATION EQUIPMENT . . . . .	12 323.4	1 185.2	8 065.6	3 072.4	9 906.4	1 120.8	6 211.4	2 664.1
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	1 978.1	583.4	851.9	542.6	1 833.1	527.2	804.9	501.3
39	MISC. MANUFACTURING INDUSTRIES . . . . .	1 447.2	581.6	379.1	486.4	1 359.7	550.2	348.4	461.2
19	ORDNANCE AND ACCESSORIES . . . . .	1 313.5	165.9	774.7	373.0	1 078.4	127.3	669.1	281.7
20	FOOD AND KINDRED PRODUCTS . . . . .	7 748.8	4 488.7	514.9	2 745.1	7 240.2	4 176.9	479.9	2 583.3
201	MEAT PRODUCTS . . . . .	742.9	550.1	52.3	140.5	697.9	514.2	53.4	130.4
2011	MEATPACKING PLANTS . . . . .	478.0	362.7	38.3	77.0	446.1	332.6	39.7	73.8
2013	SAUSAGES AND OTHER PREPARED MEATS . . . . .	129.3	83.0	9.0	37.3	130.4	85.7	10.3	34.3
2015	POULTRY DRESSING PLANTS . . . . .	135.6	104.4	5.0	26.2	121.4	95.8	3.3	22.3
202	DAIRY PRODUCTS . . . . .	490.0	273.2	20.4	196.4	463.1	255.2	14.0	193.9
2021	CREAMERY BUTTER . . . . .	31.8	23.9	.9	7.0	34.9	28.2	.8	5.9
2022	CHEESE, NATURAL AND PROCESSED . . . . .	135.0	90.1	5.0	39.9	142.4	85.4	3.8	53.2
2023	CONDENSED AND EVAPORATED MILK . . . . .	74.8	49.3	4.1	21.4	69.3	48.6	2.1	18.5
2024	ICE CREAM AND FROZEN DESSERTS . . . . .	66.9	28.7	1.5	36.7	64.4	27.1	1.2	36.0
2026	FLUID MILK . . . . .	181.4	81.2	8.8	91.4	152.1	65.9	6.0	80.1
203	CANNED, CURED, AND FROZEN FOODS . . . . .	2 162.0	1 630.4	119.4	412.2	1 968.9	1 501.4	103.4	364.0
2031	CANNED AND CURED SEAFOODS . . . . .	129.1	110.7	2.0	16.4	116.5	98.8	2.0	15.7
2032	CANNED SPECIALTIES . . . . .	248.3	183.6	3.0	61.7	224.6	172.4	2.3	49.8
2033	CANNED FRUITS AND VEGETABLES . . . . .	1 085.9	879.3	55.0	151.6	972.6	793.7	44.1	134.6
2034	DEHYDRATED FOOD PRODUCTS . . . . .	108.6	60.3	17.9	30.4	102.1	59.2	16.9	26.0
2035	PICKLES, SAUCES, AND SALAD DRESSINGS . . . . .	153.2	81.6	19.4	52.2	131.8	71.7	16.2	43.9
2036	FRESH OR FROZEN PACKAGED FISH . . . . .	75.2	55.7	3.9	15.6	69.7	53.5	2.6	13.6
2037	FROZEN FRUITS AND VEGETABLES . . . . .	361.7	259.2	18.2	84.3	351.6	251.9	19.3	80.4
204	GRAIN MILL PRODUCTS . . . . .	762.5	283.3	37.0	442.2	762.4	267.5	33.4	461.6
2041	FLOUR AND OTHER GRAIN MILL PRODUCTS . . . . .	192.4	52.0	2.8	137.6	212.0	51.2	3.8	157.0
2042	PREPARED FEEDS FOR ANIMALS AND FOWLS . . . . .	277.6	124.5	15.8	137.2	270.7	115.1	15.9	139.8
2043	CEREAL PREPARATIONS . . . . .	54.7	25.8	1.9	27.0	52.9	22.4	2.1	28.3
2044	RICE MILLING . . . . .	123.0	22.8	10.2	90.0	112.3	24.9	5.5	81.9
2045	BLENDED AND PREPARED FLOUR . . . . .	37.5	16.2	.6	20.7	37.1	15.6	.7	20.8
2046	WET CORN MILLING . . . . .	77.3	42.1	5.7	29.6	77.4	38.3	5.3	33.7
205	BAKERY PRODUCTS . . . . .	213.1	42.5	1.8	168.8	201.7	40.7	2.2	158.8
2051	BREAD, CAKE, AND RELATED PRODUCTS . . . . .	139.1	11.6	.9	126.5	129.4	11.5	1.2	116.7
2052	COOKIES AND CRACKERS . . . . .	74.0	30.8	.9	42.3	72.3	29.2	1.0	42.1
206	SUGAR . . . . .	391.4	229.7	21.4	140.4	359.5	221.8	19.6	118.1
2061	RAW CANE SUGAR . . . . .	33.6	21.6	.1	11.9	27.1	17.7	.1	9.4
2062	CANE SUGAR REFINING . . . . .	165.5	51.8	15.4	98.3	133.4	42.2	11.2	80.0
2063	BET SUGAR . . . . .	192.3	156.2	5.9	30.1	198.9	161.9	8.3	28.7
207	CONFECTIONERY AND RELATED PRODUCTS . . . . .	395.4	153.4	25.9	216.1	379.8	136.8	23.8	219.1
2071	CONFECTIONERY PRODUCTS . . . . .	229.7	111.2	11.9	106.6	218.1	99.8	12.5	105.9
2072	CHOCOLATE AND COCOA PRODUCTS . . . . .	102.1	29.7	12.5	60.0	102.3	26.3	9.8	66.1
2073	CHEWING GUM . . . . .	63.6	12.5	1.5	49.6	59.4	10.7	1.5	47.1
208	BEVERAGES . . . . .	1 507.9	962.1	127.2	418.6	1 388.6	895.6	111.3	381.8
2082	MALT LIQUORS . . . . .	166.5	25.5	34.2	106.8	158.8	26.1	34.1	98.7
2083	MALT . . . . .	87.9	27.5	2.9	57.4	86.4	27.6	3.2	55.6
2084	WINES, BRANDY, AND BRANDY SPIRITS . . . . .	162.3	113.9	35.3	13.1	138.2	93.6	33.2	11.4
2085	DISTILLED LIQUOR, EXCEPT BRANDY . . . . .	791.2	694.6	44.1	52.5	741.5	662.5	32.2	46.8
2086	BOTTLED AND CANNED SOFT DRINKS . . . . .	186.8	67.1	4.5	115.3	158.1	55.3	4.0	98.8
2087	FLAVORING EXTRACTS AND SIRUPS, NEC . . . . .	113.3	33.6	6.2	73.5	105.6	30.4	4.7	70.4
209	MISC. FOODS AND KINDRED PRODUCTS . . . . .	1 083.7	364.0	109.5	609.9	1 018.3	343.7	118.9	555.6
2091	COTTONSEED OIL MILLS . . . . .	99.4	28.1	13.3	57.9	103.1	26.9	16.2	59.9
2092	SOYBEAN OIL MILLS . . . . .	347.7	81.2	1.5	265.0	280.3	78.5	3.8	198.1
2093	VEGETABLE OIL MILLS, NEC . . . . .	51.0	26.7	3.9	20.5	46.0	23.9	3.3	18.8
2094	ANIMAL AND MARINE FATS AND OILS . . . . .	28.9	23.9	.6	4.3	32.3	26.7	.6	5.0
2095	ROASTED COFFEE . . . . .	155.0	62.0	9.0	84.0	153.6	56.1	6.9	90.5
2096	SHORTENING AND COOKING OILS . . . . .	164.3	44.7	69.6	50.0	183.0	46.4	77.9	58.7
2097	MANUFACTURED ICE . . . . .	2.4	1.4	.1	.9	1.9	1.2	(2)	.7
2098	MACARONI AND SPAGHETTI . . . . .	20.9	11.1	.9	8.8	18.4	8.8	.9	8.7
2099	FOOD PREPARATIONS, NEC . . . . .	214.1	84.9	10.6	118.5	199.7	75.2	9.2	115.2

See footnotes at end of table.

TABLE 1. Value of Manufacturers' Inventories for Industry Groups and Industries: End of 1967 and 1966—Continued

(Millions of dollars)

Code	Industry	Value of inventories <sup>1</sup> at end of—							
		1967				1966			
		Total	Finished products	Work in process	Materials, supplies, fuels, etc.	Total	Finished products	Work in process	Materials, supplies, fuels, etc.
21	TOBACCO MANUFACTURES . . . . .	2 377.9	100.1	33.8	2 244.1	2 303.7	94.7	33.9	2 175.1
211	CIGARETTES . . . . .	1 423.6	21.3	16.5	1 385.8	1 360.6	25.1	16.1	1 319.5
2111	CIGARETTES . . . . .	1 423.6	21.3	16.5	1 385.8	1 360.6	25.1	16.1	1 319.5
212	CIGARS . . . . .	54.5	13.1	6.9	34.4	65.1	19.3	6.9	38.8
2121	CIGARS . . . . .	54.5	13.1	6.9	34.4	65.1	19.3	6.9	38.8
213	CHEWING AND SMOKING TOBACCO. . . .	36.8	4.5	3.5	28.9	37.4	4.4	3.6	29.4
2131	CHEWING AND SMOKING TOBACCO. . . .	36.8	4.5	3.5	28.9	37.4	4.4	3.6	29.4
214	TOBACCO STEMMING AND REORYING. . .	863.0	61.1	7.0	795.0	840.6	45.9	7.3	787.4
2141	TOBACCO STEMMING AND REORYING. . .	863.0	61.1	7.0	795.0	840.6	45.9	7.3	787.4
22	TEXTILE MILL PRODUCTS. . . . .	3 093.2	1 208.8	897.1	987.2	2 967.3	1 167.2	859.4	940.5
221	WEAVING MILLS, COTTON. . . . .	646.5	294.7	166.8	185.1	566.7	250.6	155.5	160.6
2211	WEAVING MILLS, COTTON. . . . .	646.5	294.7	166.8	185.1	566.7	250.6	155.5	160.6
222	WEAVING MILLS, SYNTHETICS. . . . .	385.7	127.9	141.0	116.7	373.5	142.6	128.8	102.1
2221	WEAVING MILLS, SYNTHETICS. . . . .	385.7	127.9	141.0	116.7	373.5	142.6	128.8	102.1
223	WEAVING AND FINISHING MILLS, WOOL. .	177.2	40.1	84.1	52.9	186.5	39.6	89.0	57.9
2231	WEAVING AND FINISHING MILLS, WOOL. .	177.2	40.1	84.1	52.9	186.5	39.6	89.0	57.9
224	NARROW FABRIC MILLS. . . . .	70.0	19.7	24.6	25.8	70.6	19.5	21.8	29.2
2241	NARROW FABRIC MILLS. . . . .	70.0	19.7	24.6	25.8	70.6	19.5	21.8	29.2
225	KNITTING MILLS. . . . .	682.4	303.6	191.8	187.0	662.6	287.5	185.7	189.4
2251	WOMEN'S HOSIERY, EXCEPT SOCKS. . .	141.2	56.3	60.5	24.4	131.9	52.5	58.4	21.0
2252	HOSIERY, NEC. . . . .	92.2	41.8	31.3	19.1	89.3	39.9	30.5	18.9
2253	KNIT OUTERWEAR MILLS. . . . .	176.6	84.8	35.6	56.2	180.1	86.6	31.9	61.6
2254	KNIT UNDERWEAR MILLS. . . . .	101.0	60.1	16.4	24.6	96.6	53.2	16.5	26.9
2256	KNIT FABRIC MILLS. . . . .	166.5	58.7	46.8	61.0	159.9	53.4	47.3	59.2
2259	KNITTING MILLS, NEC. . . . .	4.8	1.9	1.1	1.8	4.8	2.0	1.0	1.8
226	TEXTILE FINISHING, EXCEPT WOOL. . .	192.2	75.4	56.2	60.6	185.4	75.8	52.4	57.1
2261	FINISHING PLANTS, COTTON. . . . .	117.0	54.7	28.2	34.1	117.3	56.8	26.7	33.8
2262	FINISHING PLANTS, SYNTHETICS. . . .	50.0	11.1	21.9	17.0	44.8	10.8	20.1	13.9
2269	FINISHING PLANTS, NEC. . . . .	25.2	9.6	6.1	9.6	23.2	8.2	5.6	9.5
227	FLOOR COVERING MILLS. . . . .	302.4	141.9	67.6	92.8	296.4	139.7	66.5	90.1
2271	WOVEN CARPETS AND RUGS. . . . .	59.6	23.7	21.9	14.0	63.9	25.8	23.8	14.2
2272	TUFTED CARPETS AND RUGS. . . . .	224.2	109.0	45.0	70.1	216.4	106.9	41.9	67.6
2279	CARPETS AND RUGS, NEC. . . . .	18.6	9.2	.7	8.6	16.1	7.0	.8	8.3
228	YARN AND THREAD MILLS. . . . .	326.0	90.9	96.6	138.5	320.1	101.3	93.7	125.1
2281	YARN MILLS, EXCEPT WOOL. . . . .	175.4	40.7	44.7	90.1	161.2	39.7	43.4	78.1
2282	THROWING AND WINDING MILLS. . . . .	48.0	14.0	12.9	21.1	50.2	19.5	14.4	16.3
2283	WOOL YARN MILLS. . . . .	56.9	22.8	19.9	14.2	64.3	27.0	20.0	17.2
2284	THREAD MILLS. . . . .	45.7	13.5	19.1	13.1	44.5	15.2	15.9	13.4
229	MISCELLANEOUS TEXTILE GOODS. . . .	310.9	114.6	68.4	127.8	305.6	110.6	66.0	128.9
2291	FELT GOODS, NEC. . . . .	17.0	5.7	2.5	8.9	18.2	6.4	2.4	9.4
2292	LACE GOODS. . . . .	11.5	2.5	.7	3.8	12.4	2.9	.7	3.6
2293	PAOINGS AND UPHOLSTERY FILLING. . .	17.4	4.6	.7	12.1	18.4	4.8	.7	12.8
2294	PROCESSED TEXTILE WASTE. . . . .	14.4	5.1	2.9	6.3	16.0	5.1	.7	5.8
2295	COATED FABRICS, NOT RUBBERIZED. . .	109.0	39.9	23.1	46.0	97.9	34.9	20.6	42.4
2296	TIRE CORD AND FABRIC. . . . .	49.2	18.9	15.3	15.1	50.0	19.9	12.4	17.7
2297	SCOURING AND COMBING PLANTS. . . .	16.5	2.3	6.1	8.1	19.3	3.0	6.7	9.6
2298	CORRAGE AND TWINE. . . . .	42.1	22.7	7.3	12.1	40.8	21.5	6.6	12.7
2299	TEXTILE GOODS, NEC. . . . .	33.8	12.9	5.4	15.4	32.6	12.1	5.7	14.8
23	APPAREL, OTHER TEXTILE PRODUCTS. .	2 753.0	1 270.3	546.0	936.9	2 672.5	1 231.7	524.6	916.1
231	MEN'S AND BOYS' SUITS AND COATS. .	330.9	144.3	87.0	99.6	339.6	151.4	82.1	106.1
2311	MEN'S AND BOYS' SUITS AND COATS. .	330.9	144.3	87.0	99.6	339.6	151.4	82.1	106.1
232	MEN'S AND BOYS' FURNISHINGS. . . .	777.3	422.7	121.3	233.2	732.9	392.8	111.3	228.9
2321	MEN'S AND BOYS' SHIRTS AND NIGHTWEAR	229.8	118.2	46.3	65.3	218.2	110.5	45.2	62.5
2322	MEN'S AND BOYS' UNDERWEAR. . . . .	27.5	14.0	7.2	6.2	21.7	11.7	3.4	6.6
2323	MEN'S AND BOYS' NECKWEAR. . . . .	16.0	8.7	1.9	5.4	15.7	8.5	1.9	5.3
2327	MEN'S AND BOYS' SEPARATE TROUSERS. .	178.4	98.1	25.7	54.6	174.9	99.3	22.5	53.1
2328	MEN'S AND BOYS' WORK CLOTHING. . .	214.2	129.3	23.7	61.2	193.7	107.2	23.6	63.0
2329	MEN'S AND BOYS' CLOTHING, NEC. . .	111.4	54.4	16.5	40.5	108.7	55.6	14.7	38.4
233	WOMEN'S AND MISSES' OUTERWEAR. . .	606.3	268.7	121.5	216.1	585.7	257.8	126.5	201.3
2331	WOMEN'S AND MISSES' BLOUSES, WAISTS.	85.0	45.1	16.9	23.1	72.3	33.5	17.3	21.5
2335	WOMEN'S AND MISSES' DRESSES. . . .	223.9	86.6	44.9	92.4	205.4	81.8	39.8	83.8
2337	WOMEN'S AND MISSES' SUITS AND COATS.	153.0	64.5	35.1	53.4	165.0	65.6	46.2	53.2
2339	WOMEN'S AND MISSES' OUTERWEAR, NEC	144.3	72.5	24.6	47.2	143.0	76.9	23.2	42.9
234	WOMEN'S, CHILDREN'S UNDERGARMENTS.	285.5	130.6	67.1	87.8	288.3	131.2	65.0	92.1
2341	WOMEN'S AND CHILDREN'S UNDERWEAR. .	169.2	77.2	37.9	54.1	165.0	75.1	37.0	53.0
2342	CORSETS AND ALLIED GARMENTS. . . .	116.2	53.4	29.2	33.7	123.3	56.2	28.0	39.1
235	HATS, CAPS, AND MILLINERY. . . . .	34.7	12.9	6.5	15.3	36.3	14.5	6.2	15.6
2351	MILLINERY. . . . .	6.4	2.3	1.1	3.0	6.7	2.3	1.1	3.3
2352	HATS AND CAPS, EXCEPT MILLINERY. .	28.3	10.7	5.4	12.2	29.6	12.2	5.1	12.3
236	CHILDREN'S OUTERWEAR. . . . .	131.5	60.4	26.7	44.5	129.1	58.7	26.5	43.8
2361	CHILDREN'S DRESSES AND BLOUSES. . .	47.2	19.7	11.5	16.0	48.2	21.0	11.6	15.6
2363	CHILDREN'S COATS AND SUITS. . . . .	15.8	5.7	2.7	7.5	17.3	6.3	3.0	7.9
2369	CHILDREN'S OUTERWEAR, NEC. . . . .	68.5	35.0	12.5	21.0	63.6	31.4	11.9	20.3

See footnotes at end of table.



TABLE 1. Value of Manufacturers' Inventories for Industry Groups and Industries: End of 1967 and 1966—Continued

(Millions of dollars)

Code	Industry	Value of inventories <sup>1</sup> at end of—							
		1967				1966			
		Total	Finished products	Work in process	Materials, supplies, fuels, etc.	Total	Finished products	Work in process	Materials, supplies, fuels, etc.
23	APPAREL, OTHER TEXTILE PRODUCTS --CONTINUED								
237	FUR GOODS. . . . .	33.3	22.6	3.2	7.6	33.7	23.0	3.1	7.6
2371	FUR GOODS. . . . .	33.3	22.6	3.2	7.6	33.7	23.0	3.1	7.6
238	MISC. APPAREL AND ACCESSORIES. . .	138.6	68.0	25.3	45.4	131.3	66.2	23.1	42.0
2381	FABRIC DRESS AND WORK GLOVES. . . .	25.8	13.2	4.7	7.9	20.1	9.1	4.1	6.8
2384	ROBES AND DRESSING GOWNS. . . . .	18.4	8.0	3.4	7.0	18.0	7.9	3.7	6.5
2385	WATERPROOF OUTER GARMENTS. . . . .	48.7	24.5	10.7	13.5	46.7	26.0	8.8	11.9
2386	LEATHER AND SHEEP LINED CLOTHING. .	8.8	4.5	1.5	2.9	9.1	4.8	1.3	2.9
2387	APPAREL BELTS. . . . .	15.6	7.5	2.3	5.9	16.0	8.0	2.4	5.6
2389	APPAREL AND ACCESSORIES, NEC. . . . .	21.2	10.1	2.7	8.3	21.4	10.5	2.6	8.3
239	MISC. FABRICATED TEXTILE PRODUCTS.	414.9	140.1	87.4	187.4	395.6	136.1	80.8	178.7
2391	CURTAINS AND ORAPERIES. . . . .	44.4	19.7	6.2	18.4	42.2	20.7	4.4	17.1
2392	HOUSEFURNISHINGS, NEC. . . . .	132.5	59.0	19.3	54.2	131.3	58.9	20.3	52.1
2393	TEXTILE BAGS. . . . .	32.9	9.0	2.6	21.4	30.1	7.5	2.0	20.7
2394	CANVAS PRODUCTS. . . . .	43.3	12.8	4.9	25.6	38.5	12.2	4.1	22.2
2395	PLEATING AND STITCHING. . . . .	7.5	2.2	1.2	4.1	7.2	2.1	1.1	4.0
2396	AUTOMOTIVE AND APPAREL TRIMMINGS. .	81.2	13.2	39.9	28.1	73.6	11.6	35.4	26.6
2397	SCHIFFLI MACHINE EMBROIDERIES. . . .	5.6	2.2	1.0	2.5	5.2	2.1	.9	2.2
2399	FABRICATED TEXTILE PRODUCTS, NEC. . .	67.5	22.1	12.3	33.1	67.5	21.0	12.6	33.9
24	LUMBER AND WOOD PRODUCTS. . . . .	1 465.7	646.2	299.8	519.7	1 466.4	638.6	308.3	519.1
241	LOGGING CAMPS, LOGGING CONTRACTORS	102.2	62.5	16.4	23.3	102.0	63.9	15.8	22.2
2411	LOGGING CAMPS, LOGGING CONTRACTORS .	102.2	62.5	16.4	23.3	102.0	63.9	15.8	22.2
242	SAWMILLS AND PLANING MILLS. . . . .	603.3	331.6	141.6	130.2	609.3	330.1	144.7	134.6
2421	SAWMILLS AND PLANING MILLS, GENERAL.	516.5	300.5	122.6	93.4	521.0	298.8	125.9	96.4
2426	HARWOOD DIMENSION AND FLOORING. . .	65.6	21.6	13.1	31.0	66.0	20.7	12.7	32.6
2429	SPECIAL PRODUCT SAWMILLS, NEC. . . . .	21.2	9.5	5.9	5.8	22.3	10.6	6.1	5.6
243	MILLWORK, PLYWOOD, RELATED PROD. .	465.8	141.7	93.4	230.7	469.3	138.4	99.6	231.3
2431	MILLWORK. . . . .	215.3	59.1	49.4	106.9	209.0	54.6	49.5	104.9
2432	VENEER AND PLYWOOD. . . . .	192.9	75.7	35.5	81.7	206.3	77.0	38.9	90.4
2433	PREFABRICATED WOOD STRUCTURES. . . .	57.6	7.0	8.5	42.1	53.9	6.7	11.2	36.0
244	WOODEN CONTAINERS. . . . .	71.4	16.1	9.8	45.5	69.1	15.7	10.1	43.1
2441	NAILED WOODEN BOXES AND SHOOK. . . .	31.4	7.7	4.2	19.5	27.0	8.0	3.0	15.9
2442	WIREBOUND BOXES AND CRATES. . . . .	16.1	4.4	2.0	9.7	14.9	4.0	1.9	9.0
2443	VENEER AND PLYWOOD CONTAINERS. . . .	3.9	2.4	.6	.9	3.8	2.4	.5	.9
2445	COOPERAGE. . . . .	20.0	1.6	3.0	15.4	23.4	1.4	4.7	17.3
249	MISCELLANEOUS WOOD PRODUCTS. . . . .	222.9	94.3	38.6	90.0	216.7	90.6	38.1	88.0
2491	WOOD PRESERVING. . . . .	77.0	41.7	10.7	24.5	71.3	37.4	9.1	24.8
2499	WOOD PRODUCTS, NEC. . . . .	146.0	52.6	27.9	65.5	145.3	53.2	29.0	63.2
25	FURNITURE AND FIXTURES. . . . .	1 129.8	329.4	287.2	513.4	1 080.4	306.8	270.6	503.2
251	HOUSEHOLD FURNITURE. . . . .	714.9	221.8	149.3	343.9	699.2	211.0	143.3	344.9
2511	WOOD HOUSEHOLD FURNITURE. . . . .	398.9	142.0	91.3	165.6	385.2	129.4	88.3	167.5
2512	UPHOLSTERED HOUSEHOLD FURNITURE. . .	142.6	31.2	30.7	80.7	136.8	28.8	29.0	79.1
2514	METAL HOUSEHOLD FURNITURE. . . . .	83.6	25.2	16.1	42.3	87.0	28.7	14.6	43.7
2515	MATTRESSES AND BEDSPRINGS. . . . .	83.6	21.7	9.8	52.1	83.9	22.3	10.0	51.6
2519	HOUSEHOLD FURNITURE, NEC. . . . .	6.2	1.7	1.4	3.2	6.2	1.9	1.4	3.0
252	OFFICE FURNITURE. . . . .	122.8	24.7	43.3	54.8	112.6	21.7	38.3	52.6
2521	WOOD OFFICE FURNITURE. . . . .	27.0	6.2	8.9	11.9	23.8	4.9	8.1	10.8
2522	METAL OFFICE FURNITURE. . . . .	95.8	18.5	34.4	42.9	88.8	16.8	30.2	41.7
253	PUBLIC BUILDING FURNITURE. . . . .	86.4	18.1	35.6	32.8	77.4	16.0	30.6	30.8
2531	PUBLIC BUILDING FURNITURE. . . . .	86.4	18.1	35.6	32.8	77.4	16.0	30.6	30.8
254	PARTITIONS AND FIXTURES. . . . .	131.9	34.9	41.8	55.2	121.6	31.7	40.9	49.1
2541	WOOD PARTITIONS AND FIXTURES. . . . .	56.6	13.0	21.6	22.0	53.4	12.2	21.7	19.5
2542	METAL PARTITIONS AND FIXTURES. . . . .	75.3	21.9	20.2	33.2	68.2	19.5	19.1	29.6
259	MISC. FURNITURE AND FIXTURES. . . . .	73.8	29.9	17.2	26.7	69.6	26.4	17.5	25.8
2591	VENETIAN BLINDS AND SHADES. . . . .	49.8	23.3	9.4	17.1	48.3	21.3	10.5	16.6
2599	FURNITURE AND FIXTURES, NEC. . . . .	24.0	6.6	7.8	9.6	21.3	5.1	7.0	9.2
26	PAPER AND ALLIED PRODUCTS. . . . .	2 262.8	825.2	264.1	1 173.6	2 176.0	755.4	255.6	1 165.1
261	PULPMILLS. . . . .	96.7	29.5	4.8	62.3	90.3	23.8	4.1	62.3
2611	PULPMILLS. . . . .	96.7	29.5	4.8	62.3	90.3	23.8	4.1	62.3
262	PAPERMILLS, EXCEPT BUILDING PAPER.	560.3	167.0	62.2	331.1	519.7	147.2	53.9	318.6
2621	PAPERMILLS, EXCEPT BUILDING PAPER. .	560.3	167.0	62.2	331.1	519.7	147.2	53.9	318.6
263	PAPERBOARD MILLS. . . . .	191.9	47.9	7.2	136.8	182.9	41.6	8.7	132.6
2631	PAPERBOARD MILLS. . . . .	191.9	47.9	7.2	136.8	182.9	41.6	8.7	132.6
264	MISC. CONVERTED PAPER PRODUCTS. . .	713.3	312.2	93.6	307.3	683.3	287.4	89.6	306.4
2641	PAPER COATING AND GLAZING. . . . .	200.0	87.7	29.3	83.0	194.1	85.4	27.3	81.4
2642	ENVELOPES. . . . .	58.4	21.6	5.7	31.0	57.6	19.3	5.7	32.6
2643	BAGS, EXCEPT TEXTILE BAGS. . . . .	163.6	65.4	13.5	84.8	156.9	59.3	12.0	85.6
2644	WALLPAPER. . . . .	11.5	8.1	.9	2.4	10.9	7.5	.8	2.6
2645	DIE-CUT PAPER AND BOARD. . . . .	56.1	17.8	10.7	27.6	57.1	17.1	12.5	27.5
2646	PREPRESSED AND MOLOEO PULP GOODS. . .	16.2	9.4	1.0	5.7	15.2	9.1	.8	5.4
2647	SANITARY PAPER PRODUCTS. . . . .	78.9	41.2	7.0	30.7	72.1	36.4	7.1	28.6
2649	CONVERTED PAPER PRODUCTS, NEC. . . .	128.6	61.0	25.5	42.1	119.4	53.3	23.4	42.7

See footnotes at end of table.

TABLE 1. Value of Manufacturers' Inventories for Industry Groups and Industries: End of 1967 and 1966—Continued

(Millions of dollars)

Code	Industry	Value of inventories <sup>1</sup> at end of—							
		1967				1966			
		Total	Finished products	Work in process	Materials, supplies, fuels, etc.	Total	Finished products	Work in process	Materials, supplies, fuels, etc.
26	PAPER AND ALLIED PRODUCTS--CON.								
265	PAPERBOARD CONTAINERS AND BOXES. . .	669.0	253.7	93.4	322.3	666.5	239.3	95.8	331.4
2651	FOILING PAPERBOARD BOXES . . . . .	172.7	88.4	43.5	40.9	167.7	84.3	43.3	40.1
2652	SETUP PAPERBOARD BOXES . . . . .	31.2	12.9	4.9	13.4	30.9	12.6	4.7	13.5
2653	CORRUGATED AND SOLID FIBER BOXES . .	258.0	48.8	25.7	183.6	264.1	46.4	27.4	190.4
2654	SANITARY FOOD CONTAINERS . . . . .	170.3	96.2	13.3	60.9	165.5	88.3	13.7	63.5
2655	FIBER CANS, DRUMS, RELATED MATERIAL.	36.8	7.4	6.0	23.5	38.3	7.7	6.7	23.9
266	BUILDING PAPER AND BOARD MILLS . .	31.6	14.9	2.9	13.8	33.3	16.1	3.5	13.7
2661	BUILDING PAPER AND BOARD MILLS . .	31.6	14.9	2.9	13.8	33.3	16.1	3.5	13.7
27	PRINTING AND PUBLISHING. . . . .	1 859.8	728.7	456.7	674.3	1 667.2	616.4	433.1	617.5
271	NEWSPAPERS . . . . .	162.5	6.4	2.1	154.0	137.3	5.1	1.8	130.3
2711	NEWSPAPERS . . . . .	162.5	6.4	2.1	154.0	137.3	5.1	1.8	130.3
272	PERIODICALS. . . . .	164.9	70.9	26.5	67.5	157.1	59.8	30.6	66.7
2721	PERIODICALS. . . . .	164.9	70.9	26.5	67.5	157.1	59.8	30.6	66.7
273	BOOKS. . . . .	650.9	419.3	152.7	78.9	570.1	338.3	152.6	79.1
2731	BOOK PUBLISHING. . . . .	582.5	407.4	123.7	51.4	498.3	323.6	122.8	51.8
2732	BOOK PRINTING. . . . .	68.4	11.9	29.0	27.5	71.8	14.7	29.8	27.3
274	MISCELLANEOUS PUBLISHING . . . . .	41.1	14.2	15.5	11.4	45.8	22.7	10.2	12.9
2741	MISCELLANEOUS PUBLISHING . . . . .	41.1	14.2	15.5	11.4	45.8	22.7	10.2	12.9
275	COMMERCIAL PRINTING. . . . .	495.5	99.2	162.5	233.7	465.3	92.3	152.8	220.2
2751	COMMERCIAL PRINTING, EXC. LITHO. . .	275.6	65.8	77.7	132.1	249.5	58.8	69.4	121.3
2752	COMMERCIAL PRINTING, LITHOGRAPHIC. .	209.9	32.7	81.0	96.2	206.8	32.8	80.2	93.8
2753	ENGRAVING AND PLATE PRINTING . . . .	10.0	.7	3.8	5.4	9.0	.7	3.2	5.1
276	MANIFOLD BUSINESS FORMS. . . . .	98.4	27.2	19.3	51.9	92.6	24.8	18.9	48.9
2761	MANIFOLD BUSINESS FORMS. . . . .	98.4	27.2	19.3	51.9	92.6	24.8	18.9	48.9
277	GREETING CARD PUBLISHING . . . . .	147.8	66.8	46.1	34.9	109.2	51.0	35.5	22.7
2771	GREETING CARD PUBLISHING . . . . .	147.8	66.8	46.1	34.9	109.2	51.0	35.5	22.7
278	BLANKBOOKS AND BOOKBINDING . . . .	73.7	21.6	22.3	29.8	69.1	20.1	21.5	27.5
2782	BLANKBOOKS AND LOOSELEAF BINDERS . .	52.7	16.8	13.4	22.5	48.5	16.0	12.2	20.4
2789	BOOKBINDING AND RELATED WORK . . . .	21.0	4.8	8.9	7.3	20.7	4.2	9.3	7.2
279	PRINTING TRADE SERVICES. . . . .	25.1	3.1	9.7	12.2	20.7	2.3	9.2	9.2
2791	TYPESETTING. . . . .	14.3	1.5	7.8	5.1	12.8	1.3	7.6	3.9
2793	PHOTOENGRAVING . . . . .	8.5	1.6	1.8	5.1	5.8	.9	1.4	3.5
2794	ELECTROTYPE AND STEREOTYPING . . . .	2.2	.1	.1	2.0	2.2	.1	.3	1.8
28	CHEMICALS AND ALLIED PRODUCTS. . .	5 348.7	2 614.3	780.7	1 953.5	4 997.2	2 435.5	737.0	1 824.7
281	INDUSTRIAL CHEMICALS . . . . .	1 737.8	849.5	277.1	611.2	1 610.2	760.4	275.1	574.8
2812	ALKALIES AND CHLORINE. . . . .	71.4	31.4	3.6	36.4	67.6	29.7	3.9	34.1
2813	INDUSTRIAL GASES . . . . .	21.2	14.7	.5	6.0	19.5	14.0	.2	5.2
2815	CYCLIC INTERMEDIATES AND CRUDES. . .	261.8	125.3	60.9	75.6	248.1	119.0	59.9	69.2
2816	INORGANIC PIGMENTS . . . . .	108.6	47.0	9.6	51.9	104.3	45.0	9.6	49.7
2818	INDUSTRIAL ORGANIC CHEMICALS, NEC. .	801.1	418.8	127.8	254.5	742.6	370.1	130.0	242.4
2819	INDUSTRIAL ORGANIC CHEMICALS, NEC. .	473.8	212.2	74.7	186.9	428.1	182.6	71.4	174.2
282	PLASTICS MATERIALS AND SYNTHETICS. .	868.8	460.3	121.8	286.6	865.1	484.6	113.8	266.7
2821	PLASTICS MATERIALS AND RESINS. . . .	395.3	207.7	54.5	133.0	378.9	202.8	48.5	127.6
2822	SYNTHETIC RUBBER . . . . .	97.0	65.0	5.9	26.1	96.6	66.8	4.9	24.9
2823	CELLULOSIC MANMADE FIBERS. . . . .	108.8	50.3	16.9	41.6	120.2	61.2	18.8	40.2
2824	ORGANIC FIBERS, NONCELLULOSIC. . . .	267.7	137.3	44.5	85.9	269.4	153.8	41.6	74.0
283	DRUGS. . . . .	741.5	264.2	198.1	279.2	682.6	236.0	178.6	268.0
2831	BIOLOGICAL PRODUCTS. . . . .	46.1	14.9	20.3	10.9	37.5	13.4	16.1	8.0
2833	MEDICINALS AND BOTANICALS. . . . .	83.5	31.9	26.7	24.8	76.5	26.5	23.4	23.4
2834	PHARMACEUTICAL PREPARATIONS. . . . .	611.9	217.4	151.1	243.5	568.6	196.1	136.0	236.6
284	SOAP, CLEANERS, AND TOILET GOODS . .	680.3	323.9	60.5	295.8	606.9	291.3	52.0	263.6
2841	SOAP AND OTHER DETERGENTS. . . . .	250.6	122.7	29.7	98.1	231.0	115.3	24.8	90.9
2842	POLISHES AND SANITATION GOODS. . . .	114.1	58.1	6.1	49.9	99.8	51.8	5.3	42.7
2843	SURFACE ACTIVE AGENTS. . . . .	37.6	21.5	3.2	12.9	35.1	20.1	2.8	12.2
2844	TOILET PREPARATIONS. . . . .	278.0	121.6	21.5	134.9	241.0	104.1	19.1	117.8
285	PAINTS AND ALLIED PRODUCTS . . . . .	426.7	234.6	27.7	164.4	406.1	224.8	23.9	157.4
2851	PAINTS AND ALLIED PRODUCTS . . . . .	426.7	234.6	27.7	164.4	406.1	224.8	23.9	157.4
286	GUM AND WOOD CHEMICALS . . . . .	46.2	24.8	4.4	17.1	43.6	24.9	4.1	14.6
2861	GUM AND WOOD CHEMICALS . . . . .	46.2	24.8	4.4	17.1	43.6	24.9	4.1	14.6
287	AGRICULTURAL CHEMICALS . . . . .	524.0	312.0	57.0	154.9	477.6	274.1	54.8	148.7
2871	FERTILIZERS. . . . .	245.2	146.5	31.8	66.9	222.8	126.3	31.1	65.4
2872	FERTILIZERS, MIXING ONLY . . . . .	133.2	72.3	15.0	45.8	131.7	72.2	15.3	44.2
2879	AGRICULTURAL CHEMICALS, NEC. . . . .	145.6	93.2	10.2	42.2	123.1	75.6	8.4	39.1
289	MISCELLANEOUS CHEMICAL PRODUCTS. .	323.4	145.0	34.1	144.3	305.1	139.4	34.7	130.9
2891	ADHESIVES AND GELATIN. . . . .	59.6	26.9	6.6	26.1	55.9	25.1	5.9	24.8
2892	EXPLOSIVES . . . . .	39.1	16.1	6.5	16.5	38.6	17.6	5.3	15.7
2893	PRINTING INK . . . . .	44.7	19.4	2.4	22.9	41.5	16.7	2.2	22.6
2895	CARBON BLACK . . . . .	16.1	11.4	(2)	4.7	15.9	11.0	(2)	4.9
2899	CHEMICAL PREPARATIONS, NEC. . . . .	163.9	71.2	18.6	74.1	153.2	69.0	21.3	62.9

See footnotes at end of table.



TABLE 1. Value of Manufacturers' Inventories for Industry Groups and Industries: End of 1967 and 1966—Continued

(Millions of dollars)

Code	Industry	Value of inventories <sup>1</sup> at end of—							
		1967				1966			
		Total	Finished products	Work in process	Materials, supplies, fuels, etc.	Total	Finished products	Work in process	Materials, supplies, fuels, etc.
29	PETROLEUM AND COAL PRODUCTS. . .	2 029.7	1 184.5	413.4	431.7	1 860.9	1 082.8	384.2	393.8
291	PETROLEUM REFINING . . . . .	1 904.3	1 126.6	407.1	370.6	1 730.8	1 021.3	377.6	331.9
2911	PETROLEUM REFINING . . . . .	1 904.3	1 126.6	407.1	370.6	1 730.8	1 021.3	377.6	331.9
295	PAVING AND ROOFING MATERIALS . . .	62.1	30.1	2.3	29.7	63.9	32.3	2.8	28.9
2951	PAVING MIXTURES AND BLOCKS . . . .	19.7	7.3	.7	11.8	16.5	7.1	.6	8.8
2952	ASPHALT FELTS AND COATINGS . . . .	42.4	22.8	1.6	18.0	47.4	25.1	2.2	20.0
299	MISC. PETROLEUM AND COAL PRODUCTS.	63.3	27.9	4.0	31.5	66.1	29.2	3.8	33.1
2992	LUBRICATING OILS AND GREASES . . . .	53.3	24.7	3.6	24.9	53.2	26.6	3.8	22.8
2999	PETROLEUM AND COAL PRODUCTS, NEC .	10.0	3.2	.3	6.5	13.0	2.7	(2)	10.3
30	RUBBER AND PLASTICS PRODUCTS, NEC	1 670.0	806.7	283.5	579.6	1 600.9	806.6	268.2	526.1
301	TIRES AND INNER TUBES. . . . .	526.0	298.8	59.6	167.5	511.7	319.5	54.7	137.5
3011	TIRES AND INNER TUBES. . . . .	526.0	298.8	59.6	167.5	511.7	319.5	54.7	137.5
302	RUBBER FOOTWEAR. . . . .	91.3	63.8	9.9	17.7	92.2	66.1	9.6	16.6
3021	RUBBER FOOTWEAR. . . . .	91.3	63.8	9.9	17.7	92.2	66.1	9.6	16.6
303	RECLAIMED RUBBER . . . . .	5.4	2.0	.3	3.1	6.8	2.7	.3	3.8
3031	RECLAIMED RUBBER . . . . .	5.4	2.0	.3	3.1	6.8	2.7	.3	3.8
306	FABRICATED RUBBER PRODUCTS, NEC . .	412.0	173.3	102.6	136.0	405.4	171.2	99.3	134.9
3069	FABRICATED RUBBER PRODUCTS, NEC . .	412.0	173.3	102.6	136.0	405.4	171.2	99.3	134.9
307	MISCELLANEOUS PLASTICS PRODUCTS. .	635.3	268.8	111.1	255.3	584.8	247.1	104.3	233.3
3079	MISCELLANEOUS PLASTICS PRODUCTS. .	635.3	268.8	111.1	255.3	584.8	247.1	104.3	233.3
31	LEATHER AND LEATHER PRODUCTS . .	653.7	258.1	155.3	240.5	667.4	258.1	156.7	252.5
311	LEATHER TANNING AND FINISHING. . . .	135.8	40.2	59.0	36.6	147.8	40.0	62.8	44.9
3111	LEATHER TANNING AND FINISHING. . . .	135.8	40.2	59.0	36.6	147.8	40.0	62.8	44.9
312	INDUSTRIAL LEATHER BELTING . . . . .	7.6	3.6	1.7	2.3	9.1	3.7	2.4	3.0
3121	INDUSTRIAL LEATHER BELTING . . . . .	7.6	3.6	1.7	2.3	9.1	3.7	2.4	3.0
313	FOOTWEAR CUT STOCK . . . . .	25.1	10.2	3.2	11.6	25.3	10.0	3.6	11.6
3131	FOOTWEAR CUT STOCK . . . . .	25.1	10.2	3.2	11.6	25.3	10.0	3.6	11.6
314	FOOTWEAR, EXCEPT RUBBER. . . . .	361.2	144.7	71.7	144.9	368.4	150.0	69.3	149.1
3141	SHOES, EXCEPT RUBBER . . . . .	336.2	132.9	68.4	134.9	343.9	138.9	65.3	139.8
3142	HOUSE SLIPPERS . . . . .	25.0	11.9	3.2	9.9	24.4	11.1	4.0	9.3
315	LEATHER GLOVES AND MITTENS . . . . .	14.2	6.5	3.2	4.5	15.3	7.9	2.8	4.6
3151	LEATHER GLOVES AND MITTENS . . . . .	14.2	6.5	3.2	4.5	15.3	7.9	2.8	4.6
316	LUGGAGE. . . . .	45.3	23.5	5.8	16.0	37.8	17.2	5.2	15.4
3161	LUGGAGE. . . . .	45.3	23.5	5.8	16.0	37.8	17.2	5.2	15.4
317	HANDBAGS, PERSONAL LEATHER GOODS .	52.2	23.4	8.9	19.9	51.5	23.3	8.6	19.6
3171	WOMEN'S HANDBAGS AND PURSES. . . .	26.1	11.4	5.0	9.6	24.9	11.2	4.7	9.0
3172	PERSONAL LEATHER GOODS . . . . .	26.0	11.9	3.8	10.3	26.5	12.1	4.0	10.5
319	LEATHER GOODS, NEC . . . . .	12.4	6.0	1.7	4.7	12.2	6.0	1.9	4.3
3199	LEATHER GOODS, NEC . . . . .	12.4	6.0	1.7	4.7	12.2	6.0	1.9	4.3
32	STONE, CLAY, AND GLASS PRODUCTS. .	1 851.2	963.0	264.6	623.4	1 803.5	946.9	249.8	606.6
321	FLAT GLASS . . . . .	93.1	26.1	27.7	39.4	88.0	23.6	23.9	40.5
3211	FLAT GLASS . . . . .	93.1	26.1	27.7	39.4	88.0	23.6	23.9	40.5
322	GLASS, GLASSWARE, PRESSED OR BLOWN	282.9	189.7	25.3	67.9	288.0	201.7	24.5	61.8
3221	GLASS CONTAINERS . . . . .	154.3	107.4	4.4	42.5	170.5	128.6	4.3	37.5
3229	PRESSED AND BLOWN GLASS, NEC . . . .	128.6	82.3	20.9	25.4	117.5	73.1	20.2	24.3
323	PRODUCTS OF PURCHASED GLASS. . . . .	133.6	68.4	27.3	37.9	125.2	63.3	26.0	35.9
3231	PRODUCTS OF PURCHASED GLASS. . . . .	133.6	68.4	27.3	37.9	125.2	63.3	26.0	35.9
324	CEMENT, HYDRAULIC. . . . .	204.3	76.8	33.7	93.8	195.5	73.5	31.1	90.8
3241	CEMENT, HYDRAULIC. . . . .	204.3	76.8	33.7	93.8	195.5	73.5	31.1	90.8
325	STRUCTURAL CLAY PRODUCTS . . . . .	191.1	131.0	13.8	46.3	186.9	125.6	13.0	48.3
3251	BRICK AND STRUCTURAL CLAY TILE . . . .	60.6	48.8	3.5	8.4	56.6	44.6	3.7	8.3
3253	CERAMIC WALL AND FLOOR TILE. . . . .	35.2	24.6	3.4	7.2	35.1	24.0	3.7	7.4
3255	CLAY REFRACTORIES. . . . .	65.6	35.5	4.2	25.9	64.8	33.3	3.7	27.8
3259	STRUCTURAL CLAY PRODUCTS, NEC. . . .	29.7	22.1	2.8	4.8	30.5	23.7	2.0	4.8
326	POTTERY AND RELATED PRODUCTS . . . .	98.1	42.1	27.3	28.8	90.9	37.9	24.8	28.1
3261	VITREOUS PLUMBING FIXTURES . . . . .	26.6	14.0	4.9	7.8	26.7	14.8	4.2	7.7
3262	VITREOUS CHINA FOOD UTENSILS . . . .	15.2	7.3	5.0	2.8	13.9	6.2	4.9	2.8
3263	FINE EARTHENWARE FOOD UTENSILS . . .	10.1	5.2	1.9	2.9	10.1	5.3	1.9	2.9
3264	PORCELAIN ELECTRICAL SUPPLIES. . . .	35.6	8.9	14.1	12.6	30.1	6.0	12.4	11.7
3269	POTTERY PRODUCTS, NEC. . . . .	10.7	6.7	1.4	2.6	10.1	5.7	1.4	3.0
327	CONCRETE, GYPSUM, PLASTER PRODUCTS	362.0	196.6	27.3	138.1	340.8	189.4	26.1	125.2
3271	CONCRETE BLOCK AND BRICK . . . . .	60.8	52.1	1.1	7.7	60.4	51.8	1.2	7.4
3272	CONCRETE PRODUCTS, NEC . . . . .	159.1	101.9	19.0	38.2	149.6	94.4	17.0	38.2
3273	READY-MIXED CONCRETE . . . . .	87.1	28.4	2.6	56.1	70.8	28.1	2.4	40.3
3274	LIME . . . . .	15.8	3.9	1.7	10.2	15.5	3.5	1.7	10.3
3275	GYPSUM PRODUCTS. . . . .	39.2	10.3	3.1	25.8	44.5	11.6	3.9	29.1

See footnotes at end of table.

Table 1. Value of Manufacturers' Inventories for Industry Groups and Industries: End of 1967 and 1966—Continued

(Millions of dollars)

Code	Industry	Value of inventories <sup>1</sup> at end of—							
		1967				1966			
		Total	Finished products	Work in process	Materials, supplies, fuels, etc.	Total	Finished products	Work in process	Materials, supplies, fuels, etc.
32	STONE, CLAY, AND GLASS PRODUCTS--CONTINUED								
328	CUT STONE AND STONE PRODUCTS . . . .	31.5	10.8	9.9	10.8	30.1	10.8	8.9	10.4
3281	CUT STONE AND STONE PRODUCTS . . . .	31.5	10.8	9.9	10.8	30.1	10.8	8.9	10.4
329	MISC. NONMETALLIC MINERAL PRODUCTS	454.6	221.5	72.7	160.4	458.1	221.1	71.5	165.6
3291	ABRASIVE PRODUCTS . . . . .	128.2	56.5	31.7	40.1	125.8	54.9	31.4	39.5
3292	ASBESTOS PRODUCTS . . . . .	111.0	67.3	15.0	28.7	115.8	70.2	15.1	30.6
3293	GASKETS AND INSULATIONS . . . . .	54.2	22.5	11.3	20.4	50.7	20.7	10.2	19.8
3295	MINERALS, GROUND OR TREATED . . . .	27.3	13.4	3.3	10.6	25.8	12.3	3.5	10.0
3296	MINERAL WOOL . . . . .	35.3	17.2	2.1	15.9	38.9	20.1	2.0	16.8
3297	NONCLAY REFRACTORIES . . . . .	87.0	40.4	6.6	40.0	88.6	39.3	6.4	42.9
3299	NONMETALLIC MINERAL PRODUCTS, NEC.	11.6	4.2	2.7	4.7	12.5	3.6	2.9	6.0
33	PRIMARY METAL INDUSTRIES . . . . .	8 001.4	2 208.2	2 704.4	3 089.0	7 470.5	2 009.4	2 436.4	3 024.6
331	BLAST FURNACE, BASIC STEEL PROO. .	4 606.8	1 340.2	1 293.1	1 973.6	4 242.4	1 214.9	1 082.3	1 945.1
3312	BLAST FURNACES AND STEEL MILLS . . .	3 936.6	1 131.5	1 096.3	1 708.9	3 612.5	1 020.7	919.7	1 672.1
3313	ELECTROMETALLURGICAL PRODUCTS . . .	114.0	40.3	13.4	60.3	103.9	29.6	9.0	65.3
3315	STEEL WIRE AND RELATED PRODUCTS . . .	162.2	71.9	35.5	54.7	157.5	66.8	32.8	57.9
3316	COLD FINISHING OF STEEL SHAPES . . . .	188.4	44.3	70.1	74.1	179.0	47.4	59.0	72.5
3317	STEEL PIPE AND TUBES . . . . .	205.6	52.2	77.8	75.6	189.5	50.4	61.8	77.3
332	IRON AND STEEL FOUNDRIES . . . . .	414.2	135.0	120.1	159.2	446.9	143.1	138.2	165.6
3321	GRAY IRON FOUNDRIES . . . . .	240.8	103.9	38.0	98.9	266.0	110.4	50.8	104.8
3322	MALLEABLE IRON FOUNDRIES . . . . .	29.5	8.0	10.7	10.8	29.9	7.0	10.6	12.3
3323	STEEL FOUNDRIES . . . . .	143.9	23.1	71.4	49.5	151.0	25.7	76.8	48.5
333	PRIMARY NONFERROUS METALS . . . . .	591.8	143.5	283.3	165.1	468.7	114.9	218.0	135.8
3331	PRIMARY COPPER . . . . .	188.8	35.8	125.7	27.4	170.1	34.2	93.8	22.1
3332	PRIMARY LEAD . . . . .	93.5	17.2	67.4	8.9	77.2	17.1	52.4	7.7
3333	PRIMARY ZINC . . . . .	59.5	19.8	13.4	26.3	49.8	14.7	10.9	24.1
3334	PRIMARY ALUMINUM . . . . .	176.8	52.4	41.7	82.7	112.5	17.0	32.4	63.1
3339	PRIMARY NONFERROUS METALS, NEC.	73.2	18.3	35.1	19.8	59.0	11.9	28.5	18.7
334	SECONDARY NONFERROUS METALS . . . .	174.6	68.0	40.2	66.4	165.0	72.3	36.7	56.0
3341	SECONDARY NONFERROUS METALS . . . .	174.6	68.0	40.2	66.4	165.0	72.3	36.7	56.0
335	NONFERROUS ROLLING AND DRAWING . . .	1 724.2	447.4	778.9	498.0	1 655.8	395.6	773.8	486.4
3351	COPPER ROLLING AND DRAWING . . . . .	276.3	58.9	110.1	107.4	311.4	66.7	130.7	114.0
3352	ALUMINUM ROLLING AND DRAWING . . . .	668.1	146.8	375.2	146.1	618.3	138.6	345.7	134.0
3356	NONFERROUS ROLLING AND DRAWING, NEC.	261.1	85.9	118.4	56.8	256.8	69.0	130.4	57.4
3357	NONFERROUS WIREDRAWING, INSULATING .	518.7	155.8	175.2	187.7	469.3	121.3	167.0	181.0
336	NONFERROUS FOUNDRIES . . . . .	171.4	31.8	68.0	71.5	169.6	28.6	69.0	72.0
3361	ALUMINUM CASTINGS . . . . .	67.2	10.3	27.4	29.4	64.8	9.8	26.2	28.8
3362	BRASS, BRONZE, AND COPPER CASTINGS .	52.5	12.7	19.3	20.5	53.7	12.0	20.5	21.3
3369	NONFERROUS CASTINGS, NEC . . . . .	51.7	8.8	21.3	21.6	51.1	6.9	22.3	21.9
339	MISC. PRIMARY METAL PRODUCTS . . . .	318.6	42.4	120.9	155.3	322.1	40.0	118.4	163.7
3391	IRON AND STEEL FORGINGS . . . . .	200.1	13.0	74.9	112.2	211.3	11.6	73.4	126.3
3392	NONFERROUS FORGINGS . . . . .	72.2	13.0	37.6	21.6	69.4	14.4	36.8	18.1
3399	PRIMARY METAL PRODUCTS, NEC . . . .	46.3	16.4	8.4	21.4	41.4	13.9	8.2	19.3
34	FABRICATED METAL PRODUCTS . . . . .	5 654.4	1 508.5	1 969.2	2 176.7	5 429.9	1 407.5	1 902.2	2 120.2
341	METAL CANS . . . . .	449.6	153.7	124.4	171.6	390.6	136.2	104.7	149.7
3411	METAL CANS . . . . .	449.6	153.7	124.4	171.6	390.6	136.2	104.7	149.7
342	CUTLERY, HANDTOOLS, AND HARDWARE .	664.8	204.4	259.5	201.0	631.0	189.1	241.6	200.2
3421	CUTLERY . . . . .	62.8	25.2	15.4	22.2	60.2	23.5	14.5	22.2
3423	HAND AND EDGE TOOLS, NEC . . . . .	177.5	70.3	65.5	41.7	166.3	66.0	61.9	38.4
3425	HANDSAWS AND SAW BLADES . . . . .	35.0	12.3	10.4	12.4	33.9	12.1	9.6	12.2
3429	HARDWARE, NEC . . . . .	389.5	96.6	168.2	124.7	370.6	87.6	155.6	127.4
343	PLUMBING AND HEATING EXC. ELECTRIC	369.7	144.5	89.3	135.9	364.0	147.5	85.8	130.7
3431	METAL SANITARY WARE . . . . .	43.0	19.7	8.8	14.5	44.4	22.0	8.0	14.4
3432	PLUMBING FITTINGS AND BRASS GOODS . .	90.5	37.6	25.7	27.2	96.4	38.5	28.3	29.6
3433	HEATING EQUIPMENT, EXCEPT ELECTRIC .	236.2	87.2	54.8	94.2	223.2	87.0	49.5	86.7
344	FABRICATED STRUCTURAL METAL PROO..	1 815.4	275.6	778.6	761.1	1 816.8	263.2	794.8	758.7
3441	FABRICATED STRUCTURAL STEEL . . . . .	599.8	39.2	348.9	211.6	639.8	37.2	376.1	226.5
3442	METAL DOORS, SASH, AND TRIM . . . . .	208.9	50.5	43.1	115.3	205.9	51.9	39.6	114.3
3443	FABRICATED PLATEWORK (BOILER SHOPS) .	510.6	48.8	259.5	202.3	488.8	45.6	253.9	189.3
3444	SHEET METALWORK . . . . .	254.2	69.2	65.3	119.7	246.6	68.8	61.4	116.4
3446	ARCHITECTURAL METALWORK . . . . .	60.0	10.9	23.9	25.2	56.7	9.6	22.8	24.3
3449	MISCELLANEOUS METALWORK . . . . .	181.9	57.0	37.9	87.0	179.0	50.1	41.0	87.9
345	SCREW MACHINE PRODUCTS, BOLTS, ETC	414.4	177.2	94.1	143.1	384.7	151.7	87.9	145.2
3451	SCREW MACHINE PRODUCTS . . . . .	93.6	23.3	36.6	33.7	90.7	19.5	34.2	37.0
3452	BOLTS, NUTS, RIVETS, AND WASHERS . .	320.8	153.9	57.5	109.4	294.1	132.2	53.6	108.2
346	METAL STAMPINGS . . . . .	705.3	126.3	257.4	321.6	684.1	123.2	248.7	312.1
3461	METAL STAMPINGS . . . . .	705.3	126.3	257.4	321.6	684.1	123.2	248.7	312.1
347	METAL SERVICES, NEC . . . . .	73.7	14.8	12.5	46.4	64.3	12.2	9.7	42.5
3471	PLATING AND POLISHING . . . . .	36.9	5.8	5.4	25.8	30.6	5.3	4.1	21.3
3479	METAL COATING AND ALLIED SERVICES . .	36.7	9.0	7.1	20.7	33.7	6.9	5.6	21.2
348	MISC. FABRICATED WIRE PRODUCTS . . .	171.9	62.7	30.5	78.7	168.4	61.5	29.7	77.3
3481	MISC. FABRICATED WIRE PRODUCTS . . .	171.9	62.7	30.5	78.7	168.4	61.5	29.7	77.3

See footnotes at end of table.



TABLE 1. Value of Manufacturers' Inventories for Industry Groups and Industries: End of 1967 and 1966—Continued

(Millions of dollars)

Code	Industry	Value of inventories <sup>1</sup> at end of—							
		1967				1966			
		Total	Finished products	Work in process	Materials, supplies, fuels, etc.	Total	Finished products	Work in process	Materials, supplies, fuels, etc.
34	FABRICATED METAL PRODUCTS--CON.								
349	MISC. FABRICATED METAL PRODUCTS. . .	989.5	349.3	322.9	317.3	926.0	322.9	299.3	303.8
3491	METAL BARRELS, DRUMS, AND PAILS. . .	57.1	5.4	7.6	44.1	53.4	5.4	6.2	41.8
3492	SAFES AND VAULTS. . . . .	21.4	7.9	6.0	7.5	19.6	7.5	4.5	7.6
3493	STEEL SPRINGS. . . . .	20.0	8.1	7.8	17.1	20.8	5.4	7.5	16.9
3494	VALVES AND PIPE FITTINGS. . . . .	599.9	235.0	227.6	137.3	550.0	213.3	209.7	126.9
3496	COLLAPSIBLE TUBES. . . . .	7.1	2.3	1.3	3.4	6.2	2.4	1.0	2.9
3497	METAL FOIL AND LEAF. . . . .	37.4	13.5	7.8	16.1	39.1	13.7	8.2	17.2
3498	FABRICATED PIPE AND FITTINGS. . . .	100.7	37.1	25.7	37.9	91.2	34.7	23.3	33.2
3499	FABRICATED METAL PRODUCTS, NEC. . .	136.0	43.0	39.0	53.9	136.7	40.5	39.0	57.2
35	MACHINERY, EXCEPT ELECTRICAL. . .	10 917.0	3 073.1	5 046.7	2 797.0	10 139.1	2 749.4	4 780.5	2 609.4
351	ENGINES AND TURBINES. . . . .	728.3	137.2	450.5	140.6	687.8	135.9	423.1	128.8
3511	STEAM ENGINES AND TURBINES. . . . .	314.2	29.9	227.6	56.7	293.1	29.6	213.4	50.1
3519	INTERNAL COMBUSTION ENGINES, NEC. . .	414.1	107.3	222.9	83.9	394.7	106.3	209.7	78.7
352	FARM MACHINERY. . . . .	994.6	381.7	321.9	291.0	904.1	330.4	308.8	264.9
3522	FARM MACHINERY. . . . .	994.6	381.7	321.9	291.0	904.1	330.4	308.8	264.9
353	CONSTRUCTION AND RELATED MACHINERY	1 978.4	610.2	707.1	661.1	1 939.1	573.6	690.9	674.6
3531	CONSTRUCTION MACHINERY. . . . .	1 034.2	270.8	408.4	355.1	1 030.1	261.5	395.5	373.1
3532	MINING MACHINERY. . . . .	171.2	72.5	48.4	50.3	171.0	67.5	53.8	49.7
3533	OILFIELD MACHINERY. . . . .	257.6	128.0	61.8	67.7	245.0	123.2	58.2	63.6
3534	ELEVATORS AND MOVING STAIRWAYS. . .	96.6	36.1	23.0	37.5	95.8	32.9	21.4	41.5
3535	CONVEYORS AND CONVEYING EQUIPMENT. .	129.2	25.5	54.7	48.9	124.8	23.4	50.7	50.8
3536	HOLSTS, CRANES, AND MONORAILS. . . .	96.2	14.5	44.7	36.9	95.7	15.8	44.2	35.7
3537	INDUSTRIAL TRUCKS AND TRACTORS. . . .	193.4	62.7	66.1	64.7	176.7	49.4	67.1	60.2
354	METALWORKING MACHINERY. . . . .	1 563.7	380.7	857.1	325.9	1 424.8	331.4	791.7	301.7
3541	MACHINE TOOLS, METAL-CUTTING TYPES. .	535.3	112.1	329.5	93.7	501.6	101.0	309.6	91.0
3542	MACHINE TOOLS, METAL-FORMING TYPES. .	207.8	46.8	112.5	48.5	187.8	42.4	98.4	47.0
3544	SPECIAL OIES, TOOLS, JIGS, FIXTURES. .	214.2	27.9	140.2	46.2	187.0	22.9	123.1	41.0
3545	MACHINE TOOL ACCESSORIES. . . . .	273.7	98.9	115.0	59.8	235.2	80.4	104.3	50.5
3548	METALWORKING MACHINERY, NEC. . . . .	332.6	94.9	160.0	77.8	313.1	84.7	156.3	72.1
355	SPECIAL INDUSTRY MACHINERY. . . . .	1 257.9	376.4	574.2	307.3	1 166.4	327.1	553.7	285.5
3551	FOOD PRODUCTS MACHINERY. . . . .	198.0	68.3	80.3	49.4	184.4	61.8	76.2	46.4
3552	TEXTILE MACHINERY. . . . .	185.1	67.1	73.5	44.6	185.2	62.3	76.8	46.1
3553	WOODWORKING MACHINERY. . . . .	72.1	23.7	29.5	18.9	70.2	19.7	28.0	22.4
3554	PAPER INDUSTRIES MACHINERY. . . . .	138.1	23.2	71.8	43.0	135.8	19.8	77.8	38.1
3555	PRINTING TRADES MACHINERY. . . . .	217.2	67.9	109.0	40.3	178.3	54.3	91.4	32.5
3559	SPECIAL INDUSTRY MACHINERY, NEC. . . .	447.4	126.2	210.1	111.1	412.6	109.1	203.6	99.9
356	GENERAL INDUSTRIAL MACHINERY. . . . .	1 553.5	512.8	653.0	387.6	1 445.4	445.6	634.3	365.7
3561	PUMPS AND COMPRESSORS. . . . .	587.5	220.4	250.4	116.7	541.0	193.3	242.9	104.9
3562	BALL AND ROLLER BEARINGS. . . . .	318.0	94.3	149.5	74.2	303.2	83.9	144.4	75.0
3564	BLOWERS AND FANS. . . . .	84.7	14.9	32.9	36.9	84.5	14.0	34.1	36.4
3565	INDUSTRIAL PATTERNS. . . . .	12.7	1.3	8.4	3.0	11.5	1.2	7.8	2.5
3566	POWER TRANSMISSION EQUIPMENT. . . . .	289.3	116.2	110.4	62.7	266.5	97.5	107.9	61.1
3567	INDUSTRIAL FURNACES AND OVENS. . . . .	66.5	12.3	28.8	25.3	64.4	9.9	31.5	22.9
3569	GENERAL INDUSTRIAL MACHINERY, NEC. . .	194.8	53.4	72.6	68.8	174.3	45.8	65.7	62.9
357	OFFICE AND COMPUTING MACHINES. . . . .	1 480.5	219.6	992.2	268.6	1 335.2	206.1	932.2	196.9
3572	TYPEWRITERS. . . . .	113.8	22.0	79.8	12.1	100.0	17.8	70.8	12.6
3573	ELECTRONIC COMPUTING EQUIPMENT. . . .	985.6	86.6	706.2	192.8	883.7	85.8	675.9	122.0
3574	CALCULATING AND ACCOUNTING MACHINES. .	206.8	38.3	136.3	32.2	199.2	44.0	122.0	33.1
3576	SCALES AND BALANCES. . . . .	36.1	8.6	18.9	8.7	34.5	6.2	20.2	8.2
3579	OFFICE MACHINES, NEC. . . . .	138.1	64.1	51.1	22.9	117.7	53.1	43.7	21.0
358	SERVICE INDUSTRY MACHINES. . . . .	991.7	360.1	315.2	316.2	891.1	309.6	283.7	297.7
3581	AUTOMATIC MERCHANDISING MACHINES. . .	77.8	32.6	26.8	18.3	63.9	18.7	25.5	19.7
3582	COMMERCIAL LAUNDRY EQUIPMENT. . . . .	41.6	10.2	9.0	22.4	42.3	11.0	9.0	22.4
3585	REFRIGERATION MACHINERY. . . . .	713.9	278.9	215.6	219.3	638.6	243.4	190.3	204.8
3586	MEASURING AND DISPENSING PUMPS. . . .	43.7	12.5	20.8	10.4	42.7	12.4	19.9	10.3
3589	SERVICE INDUSTRY MACHINES, NEC. . . . .	114.7	25.9	43.0	45.8	103.6	24.1	39.0	40.5
359	MISC. MACHINERY, EXCEPT ELECTRICAL	368.6	94.4	175.5	98.7	345.3	89.6	162.1	93.6
3599	MISC. MACHINERY, EXCEPT ELECTRICAL .	368.6	94.4	175.5	98.7	345.3	89.6	162.1	93.6
36	ELECTRICAL EQUIP. AND SUPPLIES. . . .	8 526.6	2 041.9	4 118.7	2 366.2	7 916.3	1 872.9	3 729.7	2 313.8
361	ELECTRIC TEST, DISTRIBUTING EQUIP. . . .	862.4	171.3	397.2	293.8	816.3	149.1	374.3	292.9
3611	ELECTRIC MEASURING INSTRUMENTS. . . .	283.9	50.1	142.6	91.1	275.8	48.1	131.9	95.8
3612	TRANSFORMERS. . . . .	240.3	48.2	95.3	96.7	209.8	33.7	87.5	88.6
3613	SWITCHGEAR AND SWITCHBOARD APPARATUS	338.2	73.0	159.3	106.0	330.7	67.3	154.9	108.5
362	ELECTRICAL INDUSTRIAL APPARATUS. . . .	920.8	210.2	400.6	310.0	876.5	197.7	383.2	295.6
3621	MOTORS AND GENERATORS. . . . .	457.4	109.3	179.2	168.9	436.3	102.5	180.0	153.8
3622	INDUSTRIAL CONTROLS. . . . .	224.2	43.2	121.7	59.3	217.7	45.3	113.0	59.4
3623	WELDING APPARATUS. . . . .	98.5	32.1	29.4	37.0	89.0	27.3	24.4	37.3
3624	CARBON AND GRAPHITE PRODUCTS. . . . .	69.4	11.1	44.5	13.7	61.6	9.7	38.3	13.6
3629	ELECTRICAL INDUSTRIAL APPARATUS, NEC	71.3	14.5	25.8	31.1	71.9	12.9	27.5	31.5
363	HOUSEHOLD APPLIANCES. . . . .	1 001.9	506.4	237.5	258.1	987.0	488.5	229.8	268.7
3631	HOUSEHOLD COOKING EQUIPMENT. . . . .	107.9	52.2	17.8	38.0	112.3	53.1	20.8	38.4
3632	HOUSEHOLD REFRIGERATORS AND FREEZERS	336.0	205.6	62.3	68.1	311.0	170.7	62.9	77.4
3633	HOUSEHOLD LAUNDRY EQUIPMENT. . . . .	138.6	70.5	29.9	38.2	153.7	81.4	30.8	41.5
3634	ELECTRIC HOUSEWARES AND FANS. . . . .	236.2	99.3	67.7	69.2	241.9	114.2	55.9	71.9
3635	HOUSEHOLD VACUUM CLEANERS. . . . .	56.5	28.3	19.9	8.3	51.9	23.3	19.7	8.4
3636	SEWING MACHINES. . . . .	51.2	21.0	25.5	4.6	48.6	18.6	26.2	3.8
3639	HOUSEHOLD APPLIANCES, NEC. . . . .	75.5	29.5	14.3	31.7	67.5	26.8	13.5	27.2

See footnotes at end of table.

TABLE 1. Value of Manufacturers' Inventories for Industry Groups and Industries: End of 1967 and 1966—Continued

(Millions of dollars)

Code	Industry	Value of inventories <sup>1</sup> at end of—							
		1967				1966			
		Total	Finished products	Work in process	Materials, supplies, fuels, etc.	Total	Finished products	Work in process	Materials, supplies, fuels, etc.
36	ELECTRICAL EQUIP. AND SUPPLIES--CONTINUED								
364	ELECT. LIGHTING, AND WIRING EQUIP.	627.3	250.3	162.5	214.6	610.3	243.4	156.6	210.3
3641	ELECTRIC LAMPS . . . . .	83.7	60.9	3.1	19.8	79.2	57.5	2.3	19.5
3642	LIGHTING FIXTURES . . . . .	246.5	77.2	73.9	95.4	240.8	74.1	72.7	94.0
3643	CURRENT-CARRYING WIRING DEVICES . . . . .	162.5	54.9	49.0	58.6	160.5	56.4	47.1	56.9
3644	NONCURRENT-CARRYING WIRING DEVICES . . . . .	134.6	57.3	36.5	40.8	129.8	55.4	34.5	39.9
365	RADIO AND TV RECEIVING EQUIPMENT . . . . .	764.8	315.9	199.2	249.7	772.1	272.3	197.5	302.2
3651	RADIO AND TV RECEIVING SETS . . . . .	726.0	292.1	193.8	240.1	733.5	250.1	191.7	291.7
3652	PHONOGRAPH RECORDS . . . . .	38.7	23.7	5.4	9.6	38.6	22.2	5.8	10.5
366	COMMUNICATION EQUIPMENT . . . . .	2 651.3	221.3	1 928.5	501.6	2 210.6	189.8	1 603.4	417.5
3661	TELEPHONE AND TELEGRAPH APPARATUS . . . . .	536.4	43.5	347.1	145.8	491.1	32.6	329.9	128.7
3662	RADIO AND TV COMMUNICATION EQUIPMENT . . . . .	2 114.9	177.8	1 581.4	355.8	1 719.5	157.2	1 273.5	288.8
367	ELECTRONIC COMPONENTS, ACCESSORIES	1 285.8	243.3	643.0	399.6	1 247.7	216.0	633.0	398.8
3671	ELECTRON TUBES, RECEIVING TYPE . . . . .	27.9	10.7	7.4	9.7	32.7	11.4	9.9	11.4
3672	CATHODE RAY PICTURE TUBES . . . . .	85.3	14.6	20.6	50.1	95.5	13.2	34.1	48.3
3673	ELECTRON TUBES, TRANSMITTING . . . . .	84.7	18.2	45.3	21.3	84.4	17.1	47.7	19.6
3674	SEMICONDUCTORS . . . . .	214.1	50.2	108.5	55.5	199.5	44.7	97.1	57.7
3679	ELECTRONIC COMPONENTS, NEC . . . . .	873.8	149.6	461.2	263.0	835.6	129.6	444.2	261.8
369	MISC. ELECTRICAL EQUIP., SUPPLIES.	412.4	123.2	150.2	138.8	395.8	116.1	151.9	127.8
3691	STORAGE BATTERIES . . . . .	92.1	29.4	36.0	26.7	94.4	32.3	37.7	24.4
3692	PRIMARY BATTERIES, DRY AND WET . . . . .	45.4	14.0	15.7	15.7	41.4	13.2	13.4	14.8
3693	X-RAY APPARATUS AND TUBES . . . . .	56.1	23.1	15.1	17.9	48.2	18.1	13.6	16.5
3694	ENGINE ELECTRICAL EQUIPMENT . . . . .	177.0	45.0	74.6	57.3	170.0	40.5	79.1	50.4
3699	ELECTRICAL EQUIPMENT, NEC . . . . .	41.8	11.8	8.8	21.2	41.8	11.9	8.1	21.7
37	TRANSPORTATION EQUIPMENT . . . . .	12 323.4	1 185.2	8 065.6	3 072.4	9 996.4	1 120.8	6 211.4	2 664.1
371	MOTOR VEHICLES AND EQUIPMENT . . . . .	3 527.4	635.6	1 523.6	1 368.0	3 479.8	615.2	1 487.9	1 376.8
3711	MOTOR VEHICLES . . . . .	1 802.3	277.1	813.5	711.6	1 773.0	274.5	793.8	704.7
3713	TRUCK AND BUS BODIES . . . . .	126.9	23.9	47.4	55.6	122.0	21.9	47.4	52.7
3714	MOTOR VEHICLE PARTS AND ACCESSORIES . . . . .	1 468.5	316.8	646.4	505.2	1 461.0	301.4	630.5	529.0
3715	TRUCK TRAILERS . . . . .	129.7	17.8	16.3	95.6	123.8	17.4	16.2	90.4
372	AIRCRAFT AND PARTS . . . . .	7 276.7	386.2	5 472.9	1 417.7	5 133.6	349.4	3 795.8	988.3
3721	AIRCRAFT . . . . .	5 253.3	92.4	4 157.9	1 003.0	3 163.5	56.6	2 527.4	579.5
3722	AIRCRAFT ENGINES AND ENGINE PARTS . . . . .	1 056.7	198.5	606.2	251.9	1 058.3	208.6	573.1	276.6
3729	AIRCRAFT EQUIPMENT, NEC . . . . .	966.7	95.3	708.7	162.7	911.8	84.2	695.3	132.2
373	SHIP AND BOAT BUILDING, REPAIRING.	915.9	45.7	761.0	109.1	743.8	45.0	589.0	109.9
3731	SHIP BUILDING AND REPAIRING . . . . .	800.3	6.8	728.8	64.7	633.3	5.9	558.6	68.9
3732	BOAT BUILDING AND REPAIRING . . . . .	115.5	39.0	32.2	44.3	110.5	39.1	30.4	41.0
374	RAILROAD EQUIPMENT . . . . .	389.2	52.0	263.2	74.0	447.4	50.8	298.8	97.8
3741	LOCOMOTIVES AND PARTS . . . . .	119.7	18.8	97.0	3.8	119.2	24.3	90.0	4.9
3742	RAILROAD AND STREET CARS . . . . .	269.5	33.2	166.1	70.2	328.2	26.5	208.9	92.8
375	MOTORCYCLES, BICYCLES, AND PARTS . . . . .	60.3	17.8	25.3	17.2	51.4	14.1	21.8	15.4
3751	MOTORCYCLES, BICYCLES, AND PARTS . . . . .	60.3	17.8	25.3	17.2	51.4	14.1	21.8	15.4
379	MISC. TRANSPORTATION EQUIPMENT . . . . .	153.9	47.9	19.6	86.4	140.4	46.3	18.1	75.9
3791	TRAILER COACHES . . . . .	112.9	33.2	9.8	69.9	103.2	33.5	9.0	60.7
3799	TRANSPORTATION EQUIPMENT, NEC . . . . .	41.1	14.7	9.8	16.6	37.2	12.8	9.1	15.2
38	INSTRUMENTS AND RELATED PRODUCTS	1 978.1	583.4	851.9	542.6	1 833.1	527.2	804.9	501.3
381	ENGINEERING, SCIENTIFIC INSTRUMENTS	218.6	42.4	120.1	56.1	189.7	32.0	108.5	49.3
3811	ENGINEERING, SCIENTIFIC INSTRUMENTS . . . . .	218.6	42.4	120.1	56.1	189.7	32.0	108.5	49.3
382	MECHAN. MEASURING, CONTROL DEVICES	514.6	109.0	255.7	149.9	505.0	102.5	252.3	150.1
3821	MECHANICAL MEASURING DEVICES . . . . .	390.0	78.4	186.7	124.9	371.9	66.7	184.1	121.1
3822	AUTOMATIC TEMPERATURE CONTROLS . . . . .	124.6	30.6	69.0	25.0	133.1	35.8	68.2	29.0
383	OPTICAL INSTRUMENTS AND LENSES . . . . .	91.9	27.3	49.8	14.8	85.0	22.6	47.5	15.0
3831	OPTICAL INSTRUMENTS AND LENSES . . . . .	91.9	27.3	49.8	14.8	85.0	22.6	47.5	15.0
384	MEDICAL INSTRUMENTS AND SUPPLIES . . . . .	301.5	108.3	103.6	89.5	262.4	92.4	88.3	81.8
3841	SURGICAL AND MEDICAL INSTRUMENTS . . . . .	101.6	41.2	30.7	29.7	83.2	33.7	24.1	25.4
3842	SURGICAL APPLIANCES AND SUPPLIES . . . . .	154.0	53.1	51.5	49.4	138.7	45.0	45.7	48.0
3843	DENTAL EQUIPMENT AND SUPPLIES . . . . .	45.9	14.0	21.4	10.4	40.5	13.7	18.5	8.4
385	OPHTHALMIC GOODS . . . . .	97.8	40.1	39.6	18.1	94.4	39.1	36.1	19.3
3851	OPHTHALMIC GOODS . . . . .	97.8	40.1	39.6	18.1	94.4	39.1	36.1	19.3
386	PHOTOGRAPHIC EQUIP. AND SUPPLIES . . . . .	568.6	192.4	196.1	180.0	524.5	174.3	194.0	156.2
3861	PHOTOGRAPHIC EQUIPMENT AND SUPPLIES . . . . .	568.6	192.4	196.1	180.0	524.5	174.3	194.0	156.2
387	WATCHES, CLOCKS, AND WATCHCASES . . . . .	185.1	63.9	87.0	34.2	172.1	64.3	78.2	29.6
3871	WATCHES AND CLOCKS . . . . .	176.8	62.5	82.1	32.2	163.3	63.1	72.6	27.5
3872	WATCHCASES . . . . .	8.3	1.5	4.8	2.0	8.8	1.2	5.5	2.1
39	MISC. MANUFACTURING INDUSTRIES . . . . .	1 447.2	581.6	379.1	486.4	1 359.7	550.2	348.4	461.2
391	JEWELRY, SILVERWARE, PLATED WARE . . . . .	270.4	122.6	77.7	70.1	244.8	111.8	68.9	64.1
3911	JEWELRY, PRECIOUS METAL . . . . .	148.1	69.6	35.2	43.3	135.4	63.6	32.6	39.2
3912	JEWELERS' FINDINGS AND MATERIALS . . . . .	19.9	8.9	5.4	5.6	18.4	7.6	5.5	5.3
3913	LAPIDARY WORK . . . . .	19.4	13.3	4.2	1.9	16.3	11.1	3.7	1.5
3914	SILVERWARE AND PLATED WARE . . . . .	83.0	30.8	32.9	19.2	74.8	29.5	27.1	18.1

See footnotes at end of table.



**TABLE 1. Value of Manufacturers' Inventories for Industry Groups and Industries: End of 1967 and 1966—Continued**

(Millions of dollars)

Code	Industry	Value of inventories <sup>1</sup> at end of—							
		1967				1966			
		Total	Finished products	Work in process	Materials, supplies, fuels, etc.	Total	Finished products	Work in process	Materials, supplies, fuels, etc.
39	MISC. MANUFACTURING INDUSTRIES—CONTINUED								
393	MUSICAL INSTRUMENTS AND PARTS. . . .	123.6	35.9	52.2	35.5	118.6	31.3	50.9	36.4
3931	MUSICAL INSTRUMENTS AND PARTS. . . .	123.6	35.9	52.2	35.5	118.6	31.3	50.9	36.4
394	TOYS AND SPORTING GOODS. . . . .	407.8	187.5	87.5	132.8	390.7	179.0	80.8	130.9
3941	GAMES AND TOYS . . . . .	159.4	69.9	29.0	60.5	169.4	78.5	29.0	61.9
3942	DOLLS. . . . .	16.4	8.3	2.3	5.8	17.3	7.7	2.8	6.7
3943	CHILDREN'S VEHICLES, EXCEPT BICYCLES	13.9	4.1	3.8	6.0	12.5	4.0	3.0	5.6
3949	SPORTING AND ATHLETIC GOODS, NEC . .	218.1	105.2	52.4	60.5	191.5	88.8	46.0	56.7
395	PENS, PENCILS, OFFICE, ART GOODS . .	122.7	39.7	29.5	53.6	113.1	37.9	24.7	50.6
3951	PENS AND MECHANICAL PENCILS. . . . .	37.7	8.2	13.7	15.9	32.7	7.6	11.4	13.8
3952	LEAD PENCILS AND ART GOODS . . . . .	36.4	15.4	5.7	15.3	33.7	13.9	5.8	13.9
3953	MARKING DEVICES. . . . .	17.8	7.6	3.6	6.6	16.5	7.0	1.9	7.6
3955	CARBON PAPER AND INKED RIBBONS . . .	30.9	8.6	6.5	15.8	30.2	9.3	5.6	15.3
396	COSTUME JEWELRY AND NOTIONS. . . .	133.3	52.6	40.2	40.5	123.4	49.4	36.9	37.1
3961	COSTUME JEWELRY. . . . .	48.5	20.6	14.7	13.2	42.7	17.2	13.6	11.9
3962	ARTIFICIAL FLOWERS . . . . .	11.2	5.0	.9	5.3	10.7	5.1	.8	4.7
3963	BUTTONS. . . . .	12.2	6.1	2.7	3.5	10.5	6.0	2.0	2.5
3964	NEEDLES, PINS, AND FASTENERS . . . .	61.4	20.9	21.9	18.6	59.5	21.2	20.5	17.9
399	MISCELLANEOUS MANUFACTURES . . . .	389.2	143.3	92.0	153.9	369.1	140.8	86.2	142.1
3991	BROOMS AND BRUSHES . . . . .	69.5	29.2	9.1	31.2	68.8	30.7	9.6	28.5
3993	SIGNS AND ADVERTISING DISPLAYS . . .	87.3	22.5	27.4	37.4	83.6	21.7	25.8	36.1
3994	MORTICIANS' GOODS. . . . .	51.4	14.0	14.3	23.0	51.0	14.2	14.3	22.5
3996	HARD SURFACE FLOOR COVERINGS . . . .	41.8	26.2	6.9	8.7	39.0	25.7	5.3	7.9
3999	MANUFACTURES, NEC. . . . .	139.3	51.5	34.3	53.5	126.8	48.6	31.1	47.0
19	ORDNANCE AND ACCESSORIES . . . .	1 313.5	165.9	774.7	373.0	1 078.4	127.3	669.1	281.7
1911	GUNS, HOWITZERS AND MORTARS AND								
1999	ORDNANCE LEVEL ACCESSORIES, NEC . .	91.6	6.5	70.3	14.8	90.2	8.4	71.0	10.7
192	AMMUNITION, EXCEPT FOR SMALL ARMS.	884.5	118.7	524.0	241.9	707.4	85.9	443.8	177.5
1925	GUIDED MISSILES AND SPACE VEHICLES, COMPLETELY ASSEMBLED. . . . .	485.4	7.1	405.1	73.2	430.2	7.5	347.2	75.4
1929	AMMUNITION, EXCEPT FOR SMALL ARMS, NEC	399.1	111.6	118.9	168.7	277.2	78.4	96.6	102.1
1931	TANKS AND TANK COMPONENTS. . . . .	87.9	2.2	83.2	2.6	74.3	.5	70.9	2.9
1941	SIGHTING AND FIRE CONTROL EQUIPMENT.	11.3	.1	9.4	1.8	10.2	.1	8.6	1.5
1951	SMALL ARMS . . . . .	84.4	16.4	53.2	14.7	77.5	15.0	47.0	15.5
1961	SMALL ARMS AMMUNITION. . . . .	153.8	22.0	34.6	97.2	118.8	17.4	27.8	73.6

Standard notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available.  
(X) Not applicable.

<sup>1</sup>For 1967, manufacturing firms with less than 10 employees were excused from filing reports. Estimates for their inventory data were constructed from industry averages. See introduction, "The Census Report Forms", page III.

TABLE 2. Value of Manufacturers' Inventories by Divisions and States:  
End of 1967 and 1966

Industry	(Millions of dollars)							
	Value of inventories <sup>1</sup> at end of—							
	1967				1966			
	Total	Finished products	Work in process	Materials, supplies, fuels, etc.	Total	Finished products	Work in process	Materials, supplies, fuels, etc.
UNITED STATES, TOTAL . . . . .	84 405.5	26 771.9	29 107.5	28 526.2	77 726.9	24 882.5	25 844.0	27 000.1
NORTHEAST . . . . .	23 243.2	7 610.5	8 263.5	7 369.3	22 063.7	7 103.4	7 817.7	7 142.5
NEW ENGLAND . . . . .	5 824.8	1 886.2	2 138.8	1 799.9	5 615.6	1 784.7	2 023.6	1 807.3
MAINE . . . . .	286.2	105.2	65.1	116.0	266.9	91.6	59.0	116.3
NEW HAMPSHIRE . . . . .	257.8	73.1	101.2	83.5	236.1	71.0	85.5	79.6
VERMONT . . . . .	162.1	33.3	84.6	44.1	149.6	29.4	78.4	41.8
MASSACHUSETTS . . . . .	2 485.9	832.2	844.4	809.4	2 382.8	776.5	800.9	805.4
RHODE ISLAND . . . . .	391.8	151.2	118.9	121.7	373.2	138.5	112.9	121.8
CONNECTICUT . . . . .	2 241.0	691.2	924.6	625.2	2 207.0	677.7	886.9	642.4
MIDDLE ATLANTIC . . . . .	17 418.4	5 724.3	6 124.7	5 569.4	16 448.1	5 318.7	5 794.1	5 335.2
NEW YORK . . . . .	7 273.6	2 374.6	2 646.4	2 252.6	6 849.2	2 186.9	2 525.9	2 136.3
NEW JERSEY . . . . .	3 696.2	1 376.2	1 144.6	1 175.3	3 521.3	1 314.3	1 083.5	1 123.5
PENNSYLVANIA . . . . .	6 448.6	1 973.5	2 333.7	2 141.5	6 077.6	1 817.5	2 184.7	2 075.4
NORTH CENTRAL . . . . .	27 738.8	8 810.6	9 359.2	9 567.9	26 380.1	8 106.5	8 956.8	9 316.9
EAST NORTH CENTRAL . . . . .	22 314.1	7 135.7	7 531.6	7 646.9	21 414.7	6 604.6	7 287.9	7 522.5
OHIO . . . . .	6 377.9	2 075.5	2 107.8	2 194.7	6 079.8	1 921.6	2 026.2	2 132.1
INDIANA . . . . .	3 324.0	1 167.4	1 082.0	1 074.6	3 156.6	1 050.9	1 025.7	1 080.1
ILLINOIS . . . . .	6 152.1	2 146.5	1 940.4	2 065.2	5 897.8	1 991.3	1 861.6	2 044.9
MICHIGAN . . . . .	4 245.0	1 025.4	1 704.1	1 515.5	4 171.2	962.5	1 715.0	1 495.8
WISCONSIN . . . . .	2 215.1	720.9	697.3	796.9	2 109.3	678.3	661.4	769.6
WEST NORTH CENTRAL . . . . .	5 424.7	1 674.9	1 827.6	1 921.0	4 965.4	1 501.9	1 668.9	1 794.4
MINNESOTA . . . . .	1 300.7	437.8	420.1	442.7	1 161.3	394.9	372.6	393.8
IOWA . . . . .	1 023.1	382.0	287.3	352.9	927.1	328.8	269.4	328.8
MISSOURI . . . . .	2 111.9	477.5	883.5	750.9	1 989.2	455.9	811.7	721.6
NORTH DAKOTA . . . . .	40.5	24.2	3.3	12.9	35.3	20.7	3.9	10.7
SOUTH DAKOTA . . . . .	45.0	21.4	8.0	15.6	43.3	18.9	8.0	16.4
NEBRASKA . . . . .	299.4	131.0	65.6	102.8	275.6	108.9	66.8	99.9
KANSAS . . . . .	604.1	201.0	159.8	243.2	533.6	173.8	136.5	223.2
SOUTH . . . . .	21 035.2	6 930.1	5 612.6	8 492.3	19 124.5	6 384.8	4 932.2	7 807.6
SOUTH ATLANTIC . . . . .	10 531.6	3 080.5	2 719.6	4 731.4	9 709.4	2 869.0	2 488.9	4 351.5
DELAWARE . . . . .	231.4	84.9	61.4	85.2	229.2	77.4	67.7	84.0
MARYLAND . . . . .	1 142.2	430.8	332.9	378.5	1 108.3	402.3	329.9	376.3
DISTRICT OF COLUMBIA . . . . .	37.5	10.4	8.8	18.3	31.6	8.8	8.4	14.4
VIRGINIA . . . . .	1 746.6	384.8	296.4	1 065.3	1 655.4	387.3	294.0	974.0
WEST VIRGINIA . . . . .	595.1	250.0	169.7	175.4	569.2	219.0	173.6	176.5
NORTH CAROLINA . . . . .	2 908.1	659.5	560.0	1 688.6	2 794.8	610.2	533.7	1 650.9
SOUTH CAROLINA . . . . .	927.0	374.7	275.1	277.2	879.0	370.0	245.2	263.8
GEORGIA . . . . .	2 038.6	525.6	784.2	1 679.7	1 679.7	497.8	647.2	534.8
FLORIDA . . . . .	905.1	359.8	231.1	314.2	762.2	296.2	189.2	276.8
EAST SOUTH CENTRAL . . . . .	5 079.3	1 793.2	1 417.0	1 868.9	4 702.0	1 675.8	1 231.1	1 795.2
KENTUCKY . . . . .	1 611.5	631.6	254.1	725.8	1 554.3	615.5	240.9	697.9
TENNESSEE . . . . .	1 544.8	579.1	434.3	531.4	1 451.9	519.5	414.2	518.2
ALABAMA . . . . .	1 051.4	384.8	248.2	418.3	978.8	362.5	225.2	391.1
MISSISSIPPI . . . . .	871.6	197.7	480.4	193.4	717.0	178.3	350.8	188.0
WEST SOUTH CENTRAL . . . . .	5 424.3	2 056.4	1 476.0	1 892.0	4 713.1	1 840.0	1 212.2	1 660.9
ARKANSAS . . . . .	600.8	222.9	104.2	273.7	531.3	187.4	100.2	243.7
LOUISIANA . . . . .	778.2	347.8	151.7	278.8	699.8	317.2	135.0	247.6
OKLAHOMA . . . . .	447.1	163.1	135.5	148.5	444.6	158.5	142.3	143.8
TEXAS . . . . .	3 598.2	1 322.6	1 084.6	1 191.0	3 037.4	1 176.9	834.7	1 025.8
WEST . . . . .	12 370.9	3 389.0	5 866.0	3 116.2	10 234.5	3 272.7	4 200.3	2 761.7
MOUNTAIN . . . . .	1 363.5	500.0	459.2	404.5	1 327.8	497.9	431.4	398.5
MONTANA . . . . .	115.4	55.0	34.1	26.4	115.3	54.1	30.2	31.0
IDAHO . . . . .	153.4	74.1	27.2	52.1	157.5	75.4	31.9	50.1
WYOMING . . . . .	37.6	24.1	4.4	9.2	39.0	25.9	4.6	8.5
COLORADO . . . . .	459.2	184.5	149.5	125.2	436.5	167.6	149.2	119.7
NEW MEXICO . . . . .	35.3	12.4	10.5	12.4	31.2	10.9	9.5	10.8
ARIZONA . . . . .	305.8	77.1	140.5	88.1	311.3	95.5	127.9	87.9
UTAH . . . . .	226.3	65.9	82.3	78.1	208.6	61.1	68.8	78.7
NEVADA . . . . .	30.5	6.9	10.7	13.0	28.4	7.4	9.3	11.8
PACIFIC . . . . .	11 007.4	2 889.0	5 406.8	2 711.7	8 906.7	2 774.8	3 768.9	2 363.2
WASHINGTON . . . . .	2 355.7	343.5	1 640.4	371.8	1 688.2	310.9	1 008.7	368.6
OREGON . . . . .	602.1	263.7	133.4	205.0	599.0	254.3	137.7	207.0
CALIFORNIA . . . . .	7 931.4	2 234.4	3 620.7	2 076.3	6 502.3	2 156.8	2 611.3	1 734.3
ALASKA . . . . .	43.6	16.9	2.6	24.1	48.5	27.2	2.5	18.9
HAWAII . . . . .	74.6	30.5	9.7	34.5	68.7	25.6	8.7	34.4

Note: The totals at the geographic area and U.S. level were derived from separate tabulations based on industry rather than geographic area detail. The sum of the geographic area detail does not add to the U.S. totals because (1) independent rounding and (2) independent correction to the industry tabulations and geographic area tabulations.

<sup>1</sup>For 1967, manufacturing firms with less than 10 employees were excluded from filing reports. Estimates for their inventory data were constructed from industry averages. See introduction, "The Census Report Forms", page III.



## Chapter 5

# Expenditures for Plant and Equipment

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## EXPENDITURES FOR PLANT AND EQUIPMENT

Expenditures--In the 1967 census, manufacturers were asked to report expenditures made during the year for permanent additions and major alterations to their plants, as well as for new machinery and equipment purchases, that were chargeable to fixed asset accounts of manufacturing establishments and were of a type for which depreciation accounts are ordinarily maintained. Expenditures for machinery and equipment were to include those made for replacement purposes, as well as for additions to plant capacity. Excluded from such expenditure totals are costs of maintenance and repairs charged as current operating expense; new facilities and equipment leased from nonmanufacturing concerns; new facilities owned by the Federal Government but operated under contract by private companies; and plant and equipment furnished to the manufacturer by communities and organizations.

In addition to total capital expenditures, respondents were requested to indicate the following subtotals: (a) New structures and additions to plant (including major alterations and capitalized repairs and improvements); (b) new machinery and new equipment (including capitalized repairs and improvements); and (c) expenditures for used plant and used equipment acquired from others (including the U.S. Government).

The figures include (a) the expenditures made at manufacturing plants that were in operation during any part of the year, plus (b) expenditures made at plants that were not as yet in production. The data on capital expenditures for plants not in production at the end of 1967 were collected on a separate report form (MA-101) requesting companies to report the value of new plant and new equipment put in place during the year. This form was mailed to (a) the 1,500 largest manufacturing companies; (b) all other companies which indicated on the census of manufactures establishment report form or the "Listing of Establishments" Form NC-X-1 that they had one or more manufacturing plants under construction but not yet in operation at the close of 1967.

The Census Bureau estimates of capital expenditures differ from those published in the joint Office of Business Economics-Securities and Exchange Commission survey. In addition to normal sampling variation, a major source of differences is to be found in the scope of the two series. Census data relate only to manufacturing establishments, whereas the OBE-SEC series covers all establishments of manufacturing companies--non-manufacturing as well as manufacturing. On the other hand, manufacturing establishments of companies engaged primarily in nonmanufacturing activities are excluded from the OBE-SEC series but included in Census figures. Both series, it should be noted, exclude expenditures for plant and equipment at establishments owned by the Federal Government but operated under lease or contract by private companies.

TABLE 1. Manufacturers' Expenditures for Plant and Equipment: 1967 and Earlier Years

(Millions of dollars, except employees)

Year <sup>1</sup>	Expenditures for new plant and equipment <sup>2</sup>			Expenditures for used plant and equipment	All employees <sup>3</sup> (1,000)	Value added by manufacture <sup>4</sup>	Indexes of change for data (1958 = 100) in columns--		
	Total	New structures and additions to plant	New machinery and equipment				(a)	(e)	(f)
	(a)	(b)	(c)	(d)	(e)	(f)	(a)	(e)	(f)
1967.....	21,503.0	5,714.0	15,789.0	967.6	18,492.0	261,983.8	225	120	185
1966 <sup>5</sup> .....	20,235.8	5,229.8	15,006.0	(NA)	18,200.3	250,880.1	212	118	177
1965 <sup>5</sup> .....	16,615.0	4,185.7	12,429.4	(NA)	17,250.5	226,939.9	174	112	160
1964 <sup>5</sup> .....	13,294.3	3,269.4	10,024.9	(NA)	16,485.7	206,193.6	139	107	146
1963.....	11,370.0	2,965.5	8,404.4	706.5	16,231.9	192,082.9	119	105	136
1962 <sup>5</sup> .....	10,436.2	2,731.1	7,705.2	(NA)	16,154.7	179,071.1	109	105	127
1961 <sup>5</sup> .....	9,779.8	2,749.0	7,030.8	(NA)	15,729.6	164,281.1	102	102	116
1960 <sup>5</sup> .....	10,097.8	2,818.4	7,279.4	(NA)	16,149.9	163,998.5	106	105	116
1959 <sup>5</sup> .....	9,140.0	2,581.9	6,558.1	(NA)	16,062.9	161,535.8	96	104	114
1958.....	9,543.5	3,235.1	6,308.4	521.6	15,423.1	141,540.6	100	100	100
1957 <sup>5</sup> .....	12,144.0	3,864.8	8,279.2	(NA)	16,621.1	147,838.4	127	108	104
1956 <sup>5</sup> .....	11,233.2	3,471.5	7,761.7	(NA)	16,694.4	144,909.3	118	108	102
1955 <sup>5</sup> .....	8,233.1	2,425.5	5,807.6	(NA)	16,335.5	135,022.5	86	106	95
1954 <sup>5</sup> .....	8,200.7	2,459.0	5,741.8	381.4	15,645.5	117,032.3	86	101	83
1953 <sup>5</sup> .....	8,047.9	2,585.3	5,462.6	(NA)	16,693.1	121,659.1	84	108	86
1952 <sup>5</sup> .....	7,833.4	2,579.1	5,304.3	(NA)	15,732.7	109,162.1	82	102	77
1951 <sup>5</sup> .....	7,781.7	2,593.2	5,188.5	(NA)	15,309.6	102,085.8	82	99	72
1950 <sup>2 5</sup> .....	5,041.3	1,399.7	3,641.6	(NA)	14,467.1	89,749.8	53	94	63
1949 <sup>2 5</sup> .....	5,066.9	1,567.2	3,499.7	(NA)	13,566.9	75,366.5	53	88	53
1947 <sup>2 5 6</sup> .....	5,998.1	2,122.1	3,876.0	663.2	14,294.0	74,290.5	63	93	52

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available.

<sup>1</sup>The 1958 through 1967 figures include establishments classified in industry 3273, Ready Mixed Concrete, and industry 3599, Miscellaneous Machinery, that were engaged exclusively or almost exclusively in machine shop repair work. The data for such establishments are excluded from the figures for the period 1947 to 1957. The 1954 to 1967 figures include data for establishments engaged in the processing and distribution of fluid milk, industry group 202, Dairies. These establishments were not included in the figures for earlier years. The 1954 through 1967 figures include data for Logging Camps and Contractors, industry 2411, which were not included within the scope of the 1947 census and 1949 to 1953 annual survey years. In addition, the figures for 1957 and earlier years do not include data for Alaska and Hawaii.

<sup>2</sup>The figures for 1951 to 1967 include expenditures for plants under construction and not yet in operation. This information was not collected prior to 1951.

<sup>3</sup>Represents employment at operating manufacturing establishments. Figures for central administrative offices and auxiliary units are not included.

<sup>4</sup>For the period 1954 to 1967, value added by manufacture represents adjusted value added and for earlier years, unadjusted value added. Unadjusted value added is obtained by subtracting the cost of materials, supplies and containers, fuel, purchased electric energy, and contract work from the value of shipments for products manufactured plus receipts for services rendered. Adjusted value added also takes into account (a) value added by merchandising operations (that is, the difference between the sales value and cost of merchandise sold without further manufacture, processing, or assembly), plus (b) the net change in finished goods and work-in-process inventories between the beginning and end of the year.

<sup>5</sup>The expenditures figures for 1949 to 1953, 1955 to 1957, 1959 to 1962, and 1964 to 1966 are estimates derived from a sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, consequently, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates do not exceed 1 percent.

<sup>6</sup>In 1947, very small establishments that accounted for approximately 1.6 percent of the total value added by manufacture did not report expenditure data and are not represented in the 1947 figures. See 1947 Census of Manufactures, Volume I, Chapter VI, for a measure of undercoverage by industry.



TABLE 2. Manufacturers' Expenditures for Plant and Equipment by Industry Groups and Industries: 1967 and 1963

		(Millions of dollars)							
Code	Industry group and industry	1967				1963			
		Expenditures for new plant and equipment <sup>1</sup>			Expenditures for used plant and equipment	Expenditures for new plant and equipment <sup>1</sup>			Expenditures for used plant and equipment
		Total	New structures and additions to plant	New machinery and equipment		Total	New structures and additions to plant	New machinery and equipment	
	ALL INDUSTRIES, TOTAL . . . . .	21 503.0	5 714.0	15 789.0	967.6	11 370.0	2 965.5	8 404.4	706.5
20	FOOD AND KINDRED PRODUCTS . . . . .	1 730.1	466.1	1 264.0	91.6	1 249.2	336.3	912.9	75.3
21	TOBACCO MANUFACTURES . . . . .	52.9	11.1	41.9	1.3	53.8	12.1	41.7	2.9
22	TEXTILE MILL PRODUCTS . . . . .	733.1	166.2	566.9	52.7	382.4	67.9	314.5	46.3
23	APPAREL, OTHER TEXTILE PRODUCTS . . . . .	208.3	57.9	150.5	17.9	128.6	32.0	96.6	8.1
24	LUMBER AND WOOD PRODUCTS . . . . .	426.0	88.0	338.0	39.0	394.7	129.7	265.0	33.7
25	FURNITURE AND FIXTURES . . . . .	198.0	85.2	112.9	12.4	110.2	40.6	69.6	12.3
26	PAPER AND ALLIED PRODUCTS . . . . .	1 585.3	301.6	1 283.8	62.9	708.5	118.8	589.7	23.8
27	PRINTING AND PUBLISHING . . . . .	788.1	209.8	578.3	51.4	463.0	111.0	352.9	36.1
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	2 936.1	659.0	2 277.1	49.7	1 545.7	354.9	1 190.8	40.8
29	PETROLEUM AND COAL PRODUCTS . . . . .	999.3	560.3	438.9	14.9	413.7	283.8	129.9	8.8
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	677.2	139.6	537.6	30.8	343.4	58.6	284.9	16.1
31	LEATHER AND LEATHER PRODUCTS . . . . .	62.1	19.8	42.3	9.8	34.6	6.3	28.3	3.9
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	820.9	193.0	627.8	46.0	607.6	156.4	451.2	33.7
33	PRIMARY METAL INDUSTRIES . . . . .	3 134.1	689.9	2 444.3	77.5	1 446.3	387.0	1 059.3	52.1
34	FABRICATED METAL PRODUCTS . . . . .	1 118.4	284.2	834.2	83.1	610.2	150.0	460.1	64.5
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	1 868.1	506.5	1 361.5	109.5	783.1	171.0	612.1	85.1
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	1 537.2	449.3	1 087.9	59.8	701.9	176.0	525.9	48.3
37	TRANSPORTATION EQUIPMENT . . . . .	1 822.4	545.1	1 277.3	130.4	981.1	260.8	720.4	89.5
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	392.2	145.2	247.0	6.8	191.0	52.3	139.5	7.5
39	MISC. MANUFACTURING INDUSTRIES . . . . .	213.5	73.4	140.0	9.4	131.0	34.1	96.9	9.0
19	ORONANCE AND ACCESSORIES . . . . .	200.0	63.0	137.0	10.7	88.2	25.9	62.3	8.8
20	FOOD AND KINDRED PRODUCTS . . . . .	1 730.1	466.1	1 264.0	91.6	1 249.2	336.3	912.9	75.3
201	MEAT PRODUCTS . . . . .	197.0	73.7	123.4	11.5	136.0	45.9	90.1	9.5
2011	MEATPACKING PLANTS . . . . .	109.4	45.2	64.2	7.4	80.2	28.3	52.0	6.3
2013	SAUSAGES AND OTHER PREPARED MEATS . . . . .	30.4	7.9	22.5	2.6	21.4	6.2	15.2	2.2
2015	POULTRY DRESSING PLANTS . . . . .	57.2	20.6	36.7	1.5	34.3	11.4	22.9	1.0
202	DAIRY PRODUCTS . . . . .	194.4	51.4	143.0	18.6	196.0	51.4	144.6	12.3
2021	CREAMERY BUTTER . . . . .	9.5	2.0	7.4	1.2	9.9	2.3	7.7	1.0
2022	CHEESE, NATURAL AND PROCESSED . . . . .	17.3	5.2	12.1	2.4	15.9	5.1	10.7	.7
2023	CONDENSED AND EVAPORATED MILK . . . . .	20.8	8.2	12.6	1.9	12.1	3.4	8.7	.8
2024	ICE CREAM AND FROZEN DESSERTS . . . . .	26.6	5.7	20.9	1.3	31.9	8.1	23.9	1.5
2026	FLUID MILK . . . . .	120.3	30.2	90.0	11.8	126.1	32.6	93.6	8.3
203	CANNED, CURED, AND FROZEN FOODS . . . . .	252.9	69.6	183.2	10.0	176.3	62.8	113.4	10.1
2031	CANNED AND CURED SEAFOODS . . . . .	9.4	2.3	7.1	.3	6.3	2.4	3.9	.8
2032	CANNED SPECIALTIES . . . . .	28.1	7.2	20.9	.3	25.6	12.8	12.8	.6
2033	CANNED FRUITS AND VEGETABLES . . . . .	101.9	25.0	76.9	4.3	66.6	18.2	48.4	5.2
2034	DEHYDRATED FOOD PRODUCTS . . . . .	14.6	3.4	11.1	.2	16.2	7.2	9.0	.3
2035	PICKLES, SAUCES, AND SALAD DRESSINGS . . . . .	14.9	4.1	10.8	.8	11.0	2.5	8.5	.4
2036	FRESH OR FROZEN PACKAGED FISH . . . . .	8.7	2.8	5.8	.7	6.1	2.0	4.1	1.1
2037	FROZEN FRUITS AND VEGETABLES . . . . .	75.2	24.7	50.5	3.4	44.6	17.8	26.8	1.8
204	GRAIN MILL PRODUCTS . . . . .	181.1	47.3	133.8	8.6	127.7	32.6	95.1	6.5
2041	FLOUR AND OTHER GRAIN MILL PRODUCTS . . . . .	26.3	6.3	20.0	.5	23.5	4.8	18.7	.4
2042	PREPARED FEEDS FOR ANIMALS AND FOWLS . . . . .	75.6	21.4	54.2	5.3	53.4	17.7	35.6	5.8
2043	CEREAL PREPARATIONS . . . . .	18.4	3.3	15.1	.4	15.3	3.7	11.6	.1
2044	RICE MILLING . . . . .	9.8	4.5	5.3	(2)	3.3	1.2	2.1	.2
2045	BLENDED AND PREPARED FLOUR <sup>2</sup> . . . . .	10.5	2.2	8.3	.3	6.1	.8	5.4	(2)
2046	WET CORN MILLING . . . . .	40.5	9.7	30.8	2.0	26.1	4.4	21.7	(2)
205	BAKERY PRODUCTS . . . . .	152.0	29.1	122.9	9.1	121.7	23.4	98.2	6.7
2051	BREAD, CAKE, AND RELATED PRODUCTS . . . . .	127.9	23.8	104.2	8.2	95.3	15.7	79.6	3.4
2052	COOKIES AND CRACKERS . . . . .	24.0	5.3	18.7	.9	26.4	7.8	18.7	3.3
206	SUGAR . . . . .	81.1	12.1	69.0	1.6	73.6	12.3	61.3	.8
2061	RAW CANE SUGAR . . . . .	21.4	4.9	16.5	.4	19.3	2.7	16.6	.2
2062	CANE SUGAR REFINING . . . . .	24.1	2.9	21.2	.4	16.2	2.0	14.2	.3
2063	BET SUGAR . . . . .	35.7	4.4	31.3	.8	38.1	7.6	30.5	.3
207	CONFECTIONERY AND RELATED PRODUCTS . . . . .	75.6	20.8	54.8	2.4	39.3	10.2	29.1	2.2
2071	CONFECTIONERY PRODUCTS . . . . .	53.0	14.2	38.8	1.5	28.1	7.5	20.6	.8
2072	CHOCOLATE AND COCOA PRODUCTS . . . . .	9.3	2.7	6.6	.1	8.4	2.4	5.9	1.3
2073	CHEWING GUM . . . . .	13.3	3.9	9.4	.8	2.9	.3	2.6	.1
208	BEVERAGES . . . . .	370.2	105.2	265.0	12.6	225.1	51.3	173.7	20.1
2082	MALT LIQUORS . . . . .	140.4	45.2	95.1	4.1	86.2	20.1	66.1	8.6
2083	MALT . . . . .	7.1	2.8	4.2	1.1	3.0	.7	2.3	2.2
2084	WINES, BRANDY, AND BRANDY SPIRITS . . . . .	10.3	3.5	6.8	.3	7.3	1.5	5.8	2.0
2085	DISTILLED LIQUOR, EXCEPT BRANDY . . . . .	27.0	9.6	17.4	.1	15.5	4.1	11.4	.3
2086	BOTTLED AND CANNED SOFT DRINKS . . . . .	168.1	40.6	127.5	6.6	100.8	20.3	80.4	6.5
2087	FLAVORING EXTRACTS AND SIRUPS, NEC . . . . .	17.4	3.5	13.9	.4	12.3	4.6	7.7	.5
209	MISC. FOODS AND KINDRED PRODUCTS . . . . .	225.7	56.8	168.9	17.2	153.6	46.3	107.3	7.1
2091	COTTONSEED OIL MILLS . . . . .	4.9	1.0	3.9	.1	12.5	2.3	10.2	.5
2092	SOYBEAN OIL MILLS . . . . .	21.2	3.2	17.9	1.1	10.2	1.8	8.5	.5
2093	VEGETABLE OIL MILLS, NEC . . . . .	1.9	.4	1.5	.1	1.6	.3	1.3	2.9
2094	ANIMAL AND MARINE FATS AND OILS . . . . .	21.7	4.4	17.4	1.1	13.7	2.4	11.3	.8
2095	ROASTED COFFEE . . . . .	50.0	8.5	41.5	.7	23.5	6.2	17.2	.5
2096	SHORTENING AND COOKING OILS . . . . .	29.3	6.1	23.1	11.5	19.5	3.0	15.6	.3
2097	MANUFACTURED ICE . . . . .	4.8	1.4	3.4	.3	5.7	2.6	3.1	.8
2098	MACARONI AND SPAGHETTI . . . . .	5.2	.6	4.6	(2)	4.8	.4	4.4	(2)
2099	FOOD PREPARATIONS, NEC . . . . .	86.7	31.2	55.5	2.2	62.1	26.3	35.8	.9
21	TOBACCO MANUFACTURES . . . . .	52.9	11.1	41.9	1.3	53.8	12.1	41.7	2.9
2111	CIGARETTES . . . . .	33.8	4.2	29.6	.9	29.7	3.4	26.4	.5
2121	CIGARS . . . . .	5.4	1.3	4.1	.3	4.2	1.7	2.4	1.4
2131	CHEWING AND SMOKING TOBACCO . . . . .	1.5	.1	1.4	.1	.9	.2	.7	.1
2141	TOBACCO STEMMING AND REORYING . . . . .	12.2	5.5	6.8	.1	19.0	6.9	12.1	.9

See footnotes at end of table.

TABLE 2. Manufacturers' Expenditures for Plant and Equipment by Industry Groups and Industries: 1967 and 1963—Continued

		(Millions of dollars)							
Code	Industry group and industry	1967				1963			
		Expenditures for new plant and equipment <sup>1</sup>			Expenditures for used plant and equipment	Expenditures for new plant and equipment <sup>1</sup>			Expenditures for used plant and equipment
		Total	New structures and additions to plant	New machinery and equipment		Total	New structures and additions to plant	New machinery and equipment	
22	TEXTILE MILL PRODUCTS. . . . .	733.1	166.2	566.9	52.7	382.4	67.9	314.5	46.3
2211	WEAVING MILLS, COTTON. . . . .	171.5	35.7	135.8	10.9	113.4	22.2	91.1	16.8
2221	WEAVING MILLS, SYNTHETICS. . . . .	111.1	27.8	83.2	7.5	35.8	4.3	31.5	4.2
2231	WEAVING AND FINISHING MILLS, WOOL. . . . .	28.0	5.7	22.2	2.1	15.5	2.9	12.6	3.0
2241	NARROW FABRIC MILLS. . . . .	15.7	3.5	12.2	1.3	6.9	1.5	5.3	.4
225	KNITTING MILLS. . . . .	119.4	25.1	94.2	9.8	63.2	10.8	52.3	7.2
2251	WOMEN'S HOSIERY, EXCEPT SOCKS. . . . .	27.5	6.4	21.1	.9	16.2	2.2	14.0	1.0
2252	HOSIERY, NEC. . . . .	9.4	2.1	7.3	2.2	6.2	.8	5.4	1.0
2253	KNIT OUTERWEAR MILLS. . . . .	28.5	7.1	21.4	2.3	17.3	3.2	14.0	1.4
2254	KNIT UNDERWEAR MILLS. . . . .	7.2	1.6	5.6	.2	4.8	1.1	3.6	.5
2256	KNIT FABRIC MILLS. . . . .	45.5	7.9	37.6	4.1	18.4	3.4	15.0	2.0
2259	KNITTING MILLS, NEC. . . . .	1.3	(2)	1.3	(2)	.3	(2)	.3	1.4
226	TEXTILE FINISHING, EXCEPT WOOL. . . . .	55.9	10.6	45.3	3.0	47.8	8.1	39.8	1.8
2261	FINISHING PLANTS, COTTON. . . . .	27.4	4.9	22.6	.7	29.2	4.1	25.2	.7
2262	FINISHING PLANTS, SYNTHETICS. . . . .	20.2	4.1	16.2	1.8	13.9	2.9	11.0	.9
2269	FINISHING PLANTS, NEC. . . . .	8.2	1.6	6.6	.5	4.7	1.1	3.6	.2
227	FLOOR COVERING MILLS. . . . .	45.5	18.6	26.9	4.0	16.1	3.4	12.7	2.0
2271	WOVEN CARPETS AND RUGS. . . . .	6.3	2.0	4.2	.6	4.2	.5	3.6	1.0
2272	TUFTED CARPETS AND RUGS. . . . .	33.6	13.9	19.8	3.3	11.5	2.8	8.7	1.0
2279	CARPETS AND RUGS, NEC. . . . .	5.6	2.7	2.9	.1	.5	.1	.4	(2)
228	YARN AND THREAD MILLS. . . . .	127.9	28.3	99.6	9.1	51.5	8.1	43.4	7.4
2281	YARN MILLS, EXCEPT WOOL. . . . .	89.4	19.4	70.0	4.9	34.7	4.5	30.3	3.2
2282	THROWING AND WINDING MILLS. . . . .	18.0	5.8	12.2	2.9	6.2	1.5	4.7	2.4
2283	WOOL YARN MILLS. . . . .	8.9	1.0	7.9	1.1	7.3	1.3	6.0	1.4
2284	THREAD MILLS. . . . .	11.6	2.2	9.4	.1	3.3	.9	2.4	.4
229	MISCELLANEOUS TEXTILE GOODS. . . . .	58.1	10.8	47.4	5.0	32.2	6.5	25.7	3.4
2291	FELT GOODS, NEC. . . . .	3.2	.4	2.7	.1	1.8	.2	1.6	.1
2292	LACE GOODS. . . . .	2.0	.4	1.6	.1	.5	(2)	.5	.3
2293	PAOINGS AND UPHOLSTERY FILLING. . . . .	3.4	.5	2.9	.1	1.9	.6	1.3	.1
2294	PROCESSED TEXTILE WASTE. . . . .	1.6	.4	1.1	.2	1.2	.3	.9	.3
2295	COATED FABRICS, NOT RUBBERIZED. . . . .	17.0	4.9	12.1	.3	12.4	2.9	9.4	.3
2296	TIRE CORO AND FABRIC. . . . .	15.2	1.7	13.5	.3	3.0	.5	2.5	.8
2297	SCOURING AND COMBING PLANTS. . . . .	3.2	.2	3.1	2.8	3.3	.7	2.6	.4
2298	CORRAGE AND TWINE. . . . .	4.4	.8	3.6	.4	2.7	.5	2.1	.6
2299	TEXTILE GOODS, NEC. . . . .	8.2	1.5	6.7	.6	5.3	.6	4.7	.4
23	APPAREL, OTHER TEXTILE PRODUCTS. . . . .	208.3	57.9	150.5	17.9	128.6	32.0	96.6	8.1
2311	MEN'S AND BOYS' SUITS AND COATS. . . . .	15.7	5.0	10.7	1.1	6.9	1.3	5.5	1.0
232	MEN'S AND BOYS' FURNISHINGS. . . . .	53.5	16.3	37.1	3.8	25.2	6.0	19.2	1.4
2321	MEN'S AND BOYS' SHIRTS AND NIGHTWEAR. . . . .	14.6	3.1	11.6	1.8	8.8	1.9	6.8	.5
2322	MEN'S AND BOYS' UNDERWEAR. . . . .	5.9	1.7	4.3	.2	1.1	.3	.8	(2)
2323	MEN'S AND BOYS' NECKWEAR. . . . .	.8	.2	.5	(2)	.5	.2	.3	(2)
2327	MEN'S AND BOYS' SEPARATE TROUSERS. . . . .	16.3	6.3	10.0	1.0	6.2	1.6	4.6	.2
2328	MEN'S AND BOYS' WORK CLOTHING. . . . .	10.7	3.6	7.1	.3	5.8	1.6	4.2	.5
2329	MEN'S AND BOYS' CLOTHING, NEC. . . . .	5.1	1.5	3.7	.4	2.8	.4	2.4	.3
233	WDMEN'S AND MISSES' OUTERWEAR. . . . .	42.3	10.4	31.9	3.6	36.5	10.2	26.3	1.9
2331	WOMEN'S AND MISSES' BLOUSES, WAISTS. . . . .	6.2	1.9	4.3	.4	4.4	.9	3.5	.2
2335	WOMEN'S AND MISSES' DRESSES. . . . .	18.6	3.8	14.8	2.2	12.7	2.4	10.4	.5
2337	WOMEN'S AND MISSES' SUITS AND COATS. . . . .	9.5	2.9	6.6	.4	12.3	5.3	7.0	.5
2339	WOMEN'S AND MISSES' OUTERWEAR, NEC. . . . .	8.1	1.9	6.2	.6	7.0	1.6	5.4	.6
234	WOMEN'S, CHILDREN'S UNDERGARMENTS. . . . .	17.8	5.4	12.4	.8	9.9	1.6	8.3	.5
2341	WOMEN'S AND CHILDREN'S UNDERWEAR. . . . .	11.0	3.4	7.6	.4	6.4	1.0	5.4	.5
2342	CORSETS AND ALLIED GARMENTS. . . . .	6.7	2.0	4.7	.4	3.5	.6	2.9	.1
235	HATS, CAPS, AND MILLINERY. . . . .	2.3	.3	2.0	.6	3.0	.5	2.4	.3
2351	MILLINERY. . . . .	.5	.1	.4	(2)	.7	(2)	.7	(2)
2352	HATS AND CAPS, EXCEPT MILLINERY. . . . .	1.8	.2	1.6	.5	2.3	.5	1.8	.3
236	CHILDREN'S OUTERWEAR. . . . .	9.1	2.2	6.9	.5	6.9	1.4	5.5	.6
2361	CHILDREN'S DRESSES AND BLOUSES. . . . .	3.4	.5	3.0	.1	3.0	1.0	2.0	.2
2363	CHILDREN'S COATS AND SUITS. . . . .	1.4	.3	1.1	.2	1.1	.1	1.0	.1
2369	CHILDREN'S OUTERWEAR, NEC. . . . .	4.3	1.5	2.8	.2	2.8	.4	2.4	.2
2371	FUR GOODS. . . . .	1.1	.1	1.0	.1	1.2	.1	1.2	.1
238	Misc. APPAREL AND ACCESSORIES. . . . .	10.5	2.2	8.3	1.2	5.6	1.7	3.9	.3
2381	FABRIC DRESS AND WORK GLOVES. . . . .	1.8	.6	1.2	.1	1.1	.3	.8	.1
2384	ROBES AND DRESSING GOWNS. . . . .	1.5	.2	1.3	.1	.8	.2	.7	.1
2385	WATERPROOF OUTER GARMENTS. . . . .	2.9	.5	2.4	.1	2.2	1.0	1.2	(2)
2386	LEATHER AND SHEEP LINEO CLOTHING. . . . .	.5	.1	.5	.7	.3	.1	.2	(2)
2387	APPAREL BELTS. . . . .	.9	.1	.8	(2)	.7	(2)	.7	.1
2389	APPAREL AND ACCESSORIES, NEC. . . . .	2.9	.7	2.3	(2)	.5	.1	.4	(2)
239	Misc. FABRICATED TEXTILE PRODUCTS. . . . .	56.1	15.8	40.3	5.9	33.4	9.1	24.3	2.1
2391	CURTAINS AND ORAPERIES. . . . .	3.9	1.5	2.4	.2	2.9	1.1	1.9	.1
2392	HOUSEFURNISHINGS, NEC. . . . .	11.9	2.4	9.5	2.3	8.4	2.2	6.2	.4
2393	TEXTILE BAGS. . . . .	1.9	.7	1.2	.4	1.9	.5	1.3	.1
2394	CANVAS PRODUCTS. . . . .	3.4	1.4	2.1	.4	2.1	.6	1.5	.3
2395	PLEATING AND STITCHING. . . . .	1.5	.3	1.2	.2	2.8	.8	2.0	.2
2396	AUTOMOTIVE AND APPAREL TRIMMINGS. . . . .	13.4	3.3	10.1	1.3	8.3	2.5	5.8	.3
2397	SCHIFFLI MACHINE EMBROIDERIES. . . . .	.5	(2)	.4	.3	2.4	.3	2.1	.4
2399	FABRICATED TEXTILE PRODUCTS, NEC. . . . .	19.6	6.2	13.4	.8	4.5	1.1	3.4	.2

See footnotes at end of table.



TABLE 2. Manufacturers' Expenditures for Plant and Equipment by Industry Groups and Industries: 1967 and 1963—Continued

		(Millions of dollars)							
Code	Industry group and industry	1967				1963			
		Expenditures for new plant and equipment <sup>1</sup>			Expenditures for used plant and equipment	Expenditures for new plant and equipment <sup>1</sup>			Expenditures for used plant and equipment
		Total	New structures and additions to plant	New machinery and equipment		Total	New structures and additions to plant	New machinery and equipment	
24	LUMBER AND WOOD PRODUCTS . . . . .	426.0	88.0	338.0	39.0	394.7	129.7	265.0	33.7
2411	LOGGING CAMPS, LOGGING CONTRACTORS . .	101.5	13.6	87.9	8.2	95.6	14.9	80.7	7.7
242	SAWMILLS AND PLANING MILLS . . . . .	144.9	29.2	115.7	15.3	181.5	83.2	98.3	12.3
2421	SAWMILLS AND PLANING MILLS, GENERAL .	130.0	25.1	104.9	13.9	172.5	80.8	91.7	10.9
2426	HARDWOOD DIMENSION AND FLOORING . . .	12.2	3.6	8.5	1.1	7.1	2.0	5.1	1.1
2429	SPECIAL PRODUCT SAWMILLS, NEC. . . . .	2.7	.5	2.2	.3	2.0	.4	1.5	.3
243	MILLWORK, PLYWOOD, RELATED PROD. . .	105.8	30.2	75.6	11.2	70.6	18.6	52.0	9.9
2431	MILLWORK . . . . .	24.6	9.2	15.4	3.7	20.9	7.8	13.1	2.1
2432	VEENER AND PLYWOOD . . . . .	71.6	16.3	55.4	4.7	41.9	8.2	33.7	7.2
2433	PREFABRICATED WOOD STRUCTURES . . . . .	9.6	4.7	4.9	2.8	7.7	2.6	5.1	.6
244	WOODEN CONTAINERS . . . . .	10.0	3.3	6.7	1.8	8.5	3.3	5.2	1.3
2441	NAILED WOODEN BOXES AND SHOOK . . . . .	5.0	1.9	3.1	1.0	6.0	2.8	3.3	.7
2442	WIREBOUND BOXES AND CRATES . . . . .	2.7	.9	1.8	.6	1.6	.3	1.2	.5
2443	VEENER AND PLYWOOD CONTAINERS . . . . .	.5	.2	.3	.1	.3	.1	.2	.1
2445	COOPERAGE . . . . .	1.7	.3	1.5	(2)	.6	.1	.5	(2)
249	MISCELLANEOUS WOOD PRODUCTS . . . . .	63.9	11.8	52.1	2.5	38.5	9.7	28.8	2.5
2491	WOOD PRESERVING . . . . .	10.7	1.4	9.3	.5	5.5	1.0	4.5	.5
2499	WOOD PRODUCTS, NEC . . . . .	53.2	10.4	42.9	2.0	32.9	8.7	24.2	2.0
25	FURNITURE AND FIXTURES . . . . .	198.0	85.2	112.9	12.4	110.2	40.6	69.6	12.3
251	HOUSEHOLD FURNITURE . . . . .	112.8	43.7	69.1	8.0	68.8	23.5	45.3	6.9
2511	WOOD HOUSEHOLD FURNITURE . . . . .	74.0	29.3	44.7	3.4	40.4	14.4	26.0	2.7
2512	UPHOLSTERED HOUSEHOLD FURNITURE . . .	17.1	6.7	10.4	1.8	13.7	5.5	8.2	2.4
2514	METAL HOUSEHOLD FURNITURE . . . . .	10.1	2.7	7.4	2.2	6.8	1.1	5.7	1.1
2515	MATTRESSES AND BEDSPRINGS . . . . .	10.3	4.3	6.0	.5	7.3	2.3	5.0	.6
2519	HOUSEHOLD FURNITURE, NEC . . . . .	1.3	.7	.6	(2)	.6	.1	.5	(2)
252	OFFICE FURNITURE . . . . .	37.2	18.7	18.5	.3	15.7	8.1	7.7	1.9
2521	WOOD OFFICE FURNITURE . . . . .	5.7	2.8	2.9	.1	1.5	.9	.6	.1
2522	METAL OFFICE FURNITURE . . . . .	31.5	15.9	15.6	.2	14.2	7.2	7.0	1.8
2531	PUBLIC BUILDING FURNITURE . . . . .	10.0	4.4	5.6	.7	4.4	1.2	3.2	.5
254	PARTITIONS AND FIXTURES . . . . .	28.0	14.5	13.5	2.8	15.3	5.2	10.1	2.8
2541	WOOD PARTITIONS AND FIXTURES . . . . .	8.1	3.8	4.3	1.0	6.8	2.7	4.1	.5
2542	METAL PARTITIONS AND FIXTURES . . . . .	19.9	10.7	9.2	1.8	8.5	2.5	6.0	2.3
259	MISC. FURNITURE AND FIXTURES . . . . .	10.1	3.9	6.2	.5	6.0	2.6	3.3	.3
2591	VENETIAN BLINDS AND SHADES . . . . .	6.5	2.9	3.7	(2)	4.3	2.4	1.9	.2
2599	FURNITURE AND FIXTURES, NEC . . . . .	3.5	1.0	2.5	.4	1.7	.3	1.4	.1
26	PAPER AND ALLIED PRODUCTS . . . . .	1 585.3	301.6	1 283.8	62.9	708.5	118.8	589.7	23.8
2611	PULPMILLS . . . . .	121.8	10.8	111.0	2.2	38.9	7.5	31.4	.3
2621	PAPERMILLS, EXCEPT BUILDING PAPER . .	581.3	68.5	512.8	9.6	232.8	29.9	202.8	2.0
2631	PAPERBOARD MILLS . . . . .	398.6	89.0	309.5	1.2	159.5	32.8	126.7	3.0
264	MISC. CONVERTED PAPER PRODUCTS . . . .	225.8	61.6	164.2	13.8	128.5	21.9	106.6	8.0
2641	PAPER COATING AND GLAZING . . . . .	59.1	16.3	42.6	6.8	45.6	8.8	36.8	1.4
2642	ENVELOPES . . . . .	13.4	1.8	11.7	1.6	8.1	1.1	7.0	1.3
2643	BAGS, EXCEPT TEXTILE BAGS . . . . .	45.6	9.5	36.1	3.4	26.7	4.1	22.6	3.5
2644	WALLPAPER . . . . .	.5	.1	.4	(2)	.4	(2)	.3	(2)
2645	CUT-OUT PAPER AND BOARD . . . . .	9.0	2.0	6.9	.6	7.7	1.6	6.1	.9
2646	PRESSED AND MOLDED PULP GOODS . . . .	17.6	4.5	13.1	.1	11.6	1.3	10.2	(2)
2647	SANITARY PAPER PRODUCTS . . . . .	58.5	20.3	38.2	.3	16.6	2.7	13.9	.3
2649	CONVERTED PAPER PRODUCTS, NEC. . . . .	22.2	7.1	15.1	.9	11.9	2.2	9.6	.6
265	PAPERBOARD CONTAINERS AND BOXES . . .	237.5	65.9	171.6	33.4	140.7	26.0	114.7	10.4
2651	FOLDING PAPERBOARD BOXES <sup>4</sup> . . . . .	42.2	10.2	32.0	4.4	36.0	7.9	28.1	3.8
2652	SETUP PAPERBOARD BOXES . . . . .	6.1	1.3	4.8	1.3	5.1	.8	4.3	1.0
2653	CORRUGATED AND SOLID FIBER BOXES . . .	127.7	38.6	89.1	24.8	54.0	12.7	41.4	3.3
2654	SANITARY FOOD CONTAINERS . . . . .	48.1	12.9	35.2	2.3	37.9	3.4	34.5	2.2
2655	FIBER CANS, DRUMS, RELATED MATERIAL .	13.3	2.9	10.4	.6	7.7	1.2	6.5	.2
2661	BUILDING PAPER AND BOARD MILLS . . . .	20.3	5.7	14.5	2.7	8.1	.7	7.4	(2)
27	PRINTING AND PUBLISHING . . . . .	788.1	209.8	578.3	51.4	463.9	111.0	352.9	36.1
2711	NEWSPAPERS . . . . .	246.7	74.4	172.4	18.3	135.2	39.3	95.9	7.8
2721	PERIODICALS . . . . .	58.0	24.8	33.2	1.7	33.8	13.9	19.9	.3
273	BOOKS . . . . .	101.0	32.9	68.1	2.6	50.4	15.2	35.2	3.5
2731	BOOK PUBLISHING . . . . .	55.1	22.2	32.9	.4	25.4	9.4	16.0	.9
2732	BOOK PRINTING . . . . .	45.9	10.7	35.2	2.2	24.9	5.8	19.2	2.6
2741	MISCELLANEOUS PUBLISHING . . . . .	10.0	2.8	7.2	.5	7.1	2.3	4.9	.2
275	COMMERCIAL PRINTING . . . . .	272.3	55.2	217.0	20.2	179.9	32.5	147.4	19.8
2751	COMMERCIAL PRINTING, EXC. LITHO. . . . .	142.9	34.3	108.6	9.9	99.2	19.2	80.0	10.8
2752	COMMERCIAL PRINTING, LITHOGRAPHIC . .	125.6	19.9	105.7	9.8	76.9	12.1	64.8	8.9
2753	ENGRAVING AND PLATE PRINTING . . . . .	3.8	1.0	2.7	.5	3.8	1.2	2.7	.1
2761	MANIFOLD BUSINESS FORMS . . . . .	39.8	9.3	30.5	3.3	23.1	3.2	19.9	1.6
2771	GREETING CARD PUBLISHING . . . . .	14.9	4.1	10.8	.8	6.8	1.9	4.9	.2

See footnotes at end of table.

TABLE 2. Manufacturers' Expenditures for Plant and Equipment by Industry Groups and Industries: 1967 and 1963—Continued

Code	Industry group and industry	1967				1963			
		Expenditures for new plant and equipment <sup>1</sup>			Expenditures for used plant and equipment	Expenditures for new plant and equipment <sup>1</sup>			Expenditures for used plant and equipment
		Total	New structures and additions to plant	New machinery and equipment		Total	New structures and additions to plant	New machinery and equipment	
27	PRINTING AND PUBLISHING--CON.								
278	BLANKBOOKS AND BOOKBINDING . . . . .	25.1	3.6	21.5	1.6	14.1	1.3	12.8	.7
2782	BLANKBOOKS AND LOOSELEAF BINDERS . . . . .	11.6	2.1	9.5	.9	6.1	.5	5.6	.2
2789	BOOKBINDING AND RELATED WORK . . . . .	13.5	1.5	12.0	.7	8.0	.7	7.2	.5
279	PRINTING TRADE SERVICES . . . . .	20.2	2.7	17.5	2.4	13.5	1.5	12.0	2.1
2791	TYPESETTING . . . . .	13.2	1.7	11.5	1.7	6.7	.5	6.2	1.0
2793	PHOTOENGRAVING . . . . .	6.3	.9	5.4	.5	5.7	.9	4.8	.7
2794	ELECTROTYPE AND STEREOTYPING . . . . .	.7	(2)	.7	.2	1.0	.1	.9	.4
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	2,936.1	659.0	2 277.1	49.7	1 545.7	354.9	1 190.8	40.8
281	INDUSTRIAL CHEMICALS . . . . .	1 421.1	286.4	1 134.7	14.7	813.3	173.8	639.5	7.1
2812	ALKALIES AND CHLORINE . . . . .	98.0	13.3	84.7	.1	57.5	6.6	50.9	.1
2813	INDUSTRIAL GASES . . . . .	123.7	17.5	106.2	.6	93.5	18.1	75.5	2.8
2814	CYCLIC INTERMEDIATES AND CRUDE . . . . .	136.1	24.6	111.6	3.2	2.2	.2	2.0	(2)
2815	INORGANIC PIGMENTS . . . . .	20.8	3.1	17.7	.9	104.6	15.7	88.9	.4
2816	INDUSTRIAL ORGANIC CHEMICALS, NEC . . . . .	781.2	152.6	628.5	7.0	17.4	2.0	15.4	.4
2819	INDUSTRIAL INORGANIC CHEMICALS, NEC . . . . .	261.4	75.3	186.1	2.9	401.0	73.1	327.9	1.6
282	PLASTICS MATERIALS AND SYNTHETICS . . . . .	746.6	130.5	616.0	4.5	137.1	58.1	78.9	1.8
2821	PLASTICS MATERIALS AND RESINS . . . . .	310.1	59.2	250.8	3.0	378.6	59.2	319.4	14.3
2822	SYNTHETIC RUBBER . . . . .	75.2	12.3	62.9	.5	137.8	25.8	111.9	12.8
2823	CELLULOSIC MANMADE FIBERS . . . . .	51.6	10.6	41.0	.2	32.3	3.8	28.6	.3
2824	ORGANIC FIBERS, NONCELLULOSIC . . . . .	309.7	48.4	261.3	.7	38.1	5.5	32.6	.5
283	DRUGS . . . . .	217.9	91.9	126.0	7.5	170.3	24.1	146.3	.7
2831	BIOLOGICAL PRODUCTS . . . . .	12.1	5.2	7.0	.5	54.2	59.2	59.2	2.4
2833	MEDICINALS AND BOTANICALS . . . . .	36.2	7.4	28.8	.3	10.1	4.9	5.2	.3
2834	PHARMACEUTICAL PREPARATIONS . . . . .	169.6	79.3	90.2	6.7	14.0	4.1	9.9	.2
284	SOAP, CLEANERS, AND TOILET GOODS . . . . .	125.2	49.4	75.8	7.7	89.3	45.2	44.1	2.0
2841	SOAP AND OTHER DETERGENTS . . . . .	48.1	11.5	36.6	2.3	84.7	22.7	62.0	10.1
2842	POLISHES AND SANITATION GOODS . . . . .	16.4	8.2	8.2	.2	44.1	10.9	33.2	1.4
2843	SURFACE ACTIVE AGENTS . . . . .	8.0	1.3	6.7	.1	13.3	3.9	9.4	3.2
2844	TOILET PREPARATIONS . . . . .	52.7	28.4	24.3	5.1	7.2	1.4	5.8	.3
2851	PAINTS AND ALLIED PRODUCTS . . . . .	70.7	28.8	41.9	2.8	20.2	6.6	13.6	5.2
2861	GUM AND WOOD CHEMICALS . . . . .	20.6	3.7	16.9	.3	37.7	13.1	24.6	2.1
287	AGRICULTURAL CHEMICALS . . . . .	205.2	32.9	172.2	8.1	5.6	1.4	4.2	.1
2871	FERTILIZERS . . . . .	133.1	15.3	117.8	4.7	66.5	19.5	47.0	2.6
2872	FERTILIZERS, MIXING ONLY . . . . .	18.0	6.0	11.9	2.0	45.5	13.9	31.5	1.0
2879	AGRICULTURAL CHEMICALS, NEC . . . . .	54.0	11.6	42.5	1.3	12.0	3.6	8.4	1.3
289	MISCELLANEOUS CHEMICAL PRODUCTS . . . . .	128.7	35.3	93.4	4.4	9.1	2.0	7.1	.4
2891	ADHESIVES AND GELATIN . . . . .	22.0	9.2	12.8	1.5	45.9	11.1	34.9	2.1
2892	EXPLOSIVES . . . . .	21.8	4.2	17.5	.7	9.8	2.7	7.1	.9
2893	PRINTING INK . . . . .	7.1	2.0	5.1	.5	5.5	1.3	4.2	.4
2895	CARBON BLACK . . . . .	23.4	3.6	19.8	.1	4.6	1.4	3.2	.1
2899	CHEMICAL PREPARATIONS, NEC . . . . .	54.5	16.3	38.2	1.6	4.0	.6	3.3	(2)
29	PETROLEUM AND COAL PRODUCTS . . . . .	999.3	560.3	438.9	14.9	22.1	5.0	17.1	.6
2911	PETROLEUM REFINING . . . . .	956.3	547.8	408.6	10.9	413.7	283.8	129.9	8.8
295	PAVING AND ROOFING MATERIALS . . . . .	32.6	9.5	23.1	3.7	385.1	275.3	109.8	6.1
2951	PAVING MIXTURES AND BLOCKS . . . . .	23.8	7.9	15.9	3.6	22.0	6.6	15.4	2.5
2952	ASPHALT FELTS AND COATINGS . . . . .	8.8	1.7	7.2	.1	15.0	5.0	10.1	2.1
299	MISC. PETROLEUM AND COAL PRODUCTS . . . . .	10.3	3.1	7.3	.3	7.0	1.6	5.3	.3
2992	LUBRICATING OILS AND GREASES . . . . .	8.5	2.9	5.6	.2	6.5	1.9	4.6	.3
2999	PETROLEUM AND COAL PRODUCTS, NEC . . . . .	1.8	.1	1.7	(2)	4.7	1.6	3.1	.2
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	677.2	139.6	537.6	30.8	1.8	.3	1.5	.1
3011	TIRES AND INNER TUBES . . . . .	198.8	29.5	169.3	4.7	343.5	58.6	284.9	16.1
3021	RUBBER FOOTWEAR . . . . .	9.6	1.1	8.5	1.2	112.8	14.6	98.1	1.0
3031	RECLAIMED RUBBER . . . . .	1.6	.3	1.3	(2)	6.9	.8	6.1	.3
3069	FABRICATED RUBBER PRODUCTS, NEC . . . . .	134.6	30.8	103.9	10.8	1.3	.1	1.3	(2)
3079	MISCELLANEOUS PLASTICS PRODUCTS . . . . .	332.6	77.9	254.7	14.0	65.0	12.8	52.2	3.4
31	LEATHER AND LEATHER PRODUCTS . . . . .	62.1	19.8	42.3	9.8	34.6	6.3	28.3	3.9
3111	LEATHER TANNING AND FINISHING . . . . .	16.7	5.2	11.6	.9	34.6	6.3	28.3	3.9
3121	INDUSTRIAL LEATHER BELTING . . . . .	1.1	.4	.8	(2)	6.5	.8	5.7	.5
3131	FOOTWEAR CUT STOCK . . . . .	2.7	.8	1.9	.3	.7	.1	.7	(2)
314	FOOTWEAR, EXCEPT RUBBER . . . . .	26.4	6.9	19.5	3.5	1.6	.2	1.4	.3
3141	SHOES, EXCEPT RUBBER . . . . .	25.2	6.7	18.5	3.3	19.6	4.4	15.2	2.4
3142	HOUSE SLIPPERS . . . . .	1.3	.3	1.0	.1	18.5	4.2	14.2	2.4
3151	LEATHER GLOVES AND MITTENS . . . . .	.8	.5	.3	.1	1.1	.2	1.0	.1
3161	LUGGAGE . . . . .	8.8	4.9	4.0	3.9	.3	.1	.2	(2)
317	HANDBAGS, PERSONAL LEATHER GOODS . . . . .	4.1	.7	3.4	.8	1.9	.1	1.8	.3
3171	WOMEN'S HANDBAGS AND PURSES . . . . .	2.1	.4	1.7	.5	3.2	.4	2.7	.2
3172	PERSONAL LEATHER GOODS . . . . .	2.0	.3	1.7	.2	1.9	.3	1.6	.1
3199	LEATHER GOODS, NEC . . . . .	1.4	.4	1.0	.2	1.3	.1	1.1	.1

See footnotes at end of table.



TABLE 2. Manufacturers' Expenditures for Plant and Equipment by Industry Groups and Industries: 1967 and 1963—Continued

Code	Industry group and industry	1967				1963			
		Expenditures for new plant and equipment <sup>1</sup>			Expenditures for used plant and equipment	Expenditures for new plant and equipment <sup>1</sup>			Expenditures for used plant and equipment
		Total	New structures and additions to plant	New machinery and equipment		Total	New structures and additions to plant	New machinery and equipment	
32	STONE, CLAY, AND GLASS PRODUCTS.	820.9	193.0	627.8	46.0	607.6	156.4	451.2	33.7
3211	FLAT GLASS . . . . .	59.9	9.2	50.7	.2	28.2	5.1	23.1	.6
322	GLASS, GLASSWARE, PRESSED OR BLOWN	152.7	38.6	114.1	6.6	76.5	19.7	56.7	1.1
3221	GLASS CONTAINERS . . . . .	70.8	18.3	52.6	5.1	53.8	13.5	40.3	.2
3229	PRESSED AND BLOWN GLASS, NEC . . . . .	81.9	20.4	61.5	1.4	22.7	6.2	16.4	.8
3231	PRODUCTS OF PRESSED GLASS . . . . .	21.9	5.5	16.4	1.2	13.2	2.9	10.3	1.8
3241	CEMENT, HYDRAULIC . . . . .	90.5	21.7	68.9	3.0	120.8	36.2	84.7	.5
325	STRUCTURAL CLAY PRODUCTS . . . . .	59.3	14.0	45.3	3.3	42.2	13.2	29.0	1.4
3251	BRICK AND STRUCTURAL CLAY TILE . . . . .	27.1	7.1	20.0	2.3	19.3	6.4	12.9	.6
3253	CERAMIC WALL AND FLOOR TILE . . . . .	4.7	.6	4.1	.7	9.1	3.3	5.7	.1
3255	CLAY REFRACTORIES . . . . .	17.9	4.1	13.8	.2	7.9	1.5	6.4	.4
3259	STRUCTURAL CLAY PRODUCTS, NEC . . . . .	9.7	2.2	7.5	.1	5.8	1.9	3.9	.2
326	POTTERY AND RELATED PRODUCTS . . . . .	29.9	10.7	19.2	.8	11.2	2.1	9.1	2.1
3261	VITREOUS PLUMBING FIXTURES . . . . .	2.6	1.1	1.5	(2)	2.4	.5	1.9	.1
3262	VITREOUS CHINA FOOD UTENSILS . . . . .	1.9	.6	1.3	(2)	.7	(2)	.7	1.6
3263	FINE EARTHENWARE FOOD UTENSILS . . . . .	1.0	.1	.9	(2)	.8	(2)	.8	(2)
3264	PORCELAIN ELECTRICAL SUPPLIES . . . . .	21.4	8.2	13.2	.2	4.1	.6	3.6	.1
3269	POTTERY PRODUCTS, NEC . . . . .	3.0	.7	2.3	.3	3.1	.9	2.2	.3
327	CONCRETE, GYPSUM, PLASTER PRODUCTS	271.8	60.4	211.4	23.3	210.6	52.1	158.6	18.7
3271	CONCRETE BLOCK AND BRICK . . . . .	30.5	8.1	22.4	2.4	31.1	6.1	25.0	2.4
3272	CONCRETE PRODUCTS, NEC . . . . .	73.8	11.7	62.1	4.4	43.5	11.9	31.6	4.6
3273	READY-MIXED CONCRETE . . . . .	136.9	35.6	101.3	16.1	106.0	27.8	78.3	11.3
3274	LIME . . . . .	17.7	2.0	15.6	.2	14.7	2.1	12.6	.4
3275	GYPSUM PRODUCTS . . . . .	12.9	3.0	9.9	.3	15.2	4.2	11.0	.1
3281	CUT STONE AND STONE PRODUCTS . . . . .	6.1	1.5	4.5	1.1	6.7	1.4	5.3	1.0
329	MISC. NONMETALLIC MINERAL PRODUCTS	128.7	31.4	97.3	6.4	98.1	23.7	74.4	6.5
3291	ABRASIVE PRODUCTS . . . . .	30.4	8.5	21.9	2.0	15.5	2.6	12.9	.9
3292	ASBESTOS PRODUCTS . . . . .	18.9	3.0	15.9	1.0	12.4	2.6	9.8	1.3
3293	GASKETS AND INSULATIONS . . . . .	9.2	2.3	6.9	.7	8.9	2.8	6.0	.5
3295	MINERALS, GROUND OR TREATED . . . . .	23.5	5.1	18.4	2.0	11.9	2.6	9.3	1.0
3296	MINERAL WOOL . . . . .	27.2	6.0	21.1	.2	38.0	10.2	27.7	.2
3297	NONCLAY REFRACTORIES . . . . .	17.3	5.8	11.5	.4	9.3	2.3	7.0	.1
3299	NONMETALLIC MINERAL PRODUCTS, NEC . . . . .	2.2	.6	1.5	.1	2.3	.6	1.6	2.4
33	PRIMARY METAL INDUSTRIES . . . . .	3 134.1	689.9	2 444.3	77.5	1 446.3	387.0	1 059.3	52.1
331	BLAST FURNACE, BASIC STEEL PROD.	1 911.0	389.8	1 521.1	10.7	974.4	291.5	682.8	23.2
3312	BLAST FURNACES AND STEEL MILLS . . . . .	1 661.0	324.1	1 337.0	7.7	908.4	277.8	630.6	15.5
3313	ELECTROMETALLURGICAL PRODUCTS . . . . .	29.3	5.1	24.1	.3	13.4	2.5	10.8	.5
3315	STEEL WIRE AND RELATED PRODUCTS . . . . .	56.9	24.2	32.7	.6	14.0	3.8	10.2	1.3
3316	COLD FINISHING OF STEEL SHAPES . . . . .	126.0	27.3	98.7	1.2	14.9	1.8	13.1	.4
3317	STEEL PIPE AND TUBES . . . . .	37.8	9.1	28.6	1.0	23.6	5.5	18.1	5.6
332	IRON AND STEEL FOUNDRIES . . . . .	275.0	63.6	211.4	15.5	108.9	16.1	92.8	6.2
3321	GRAY IRON FOUNDRIES . . . . .	196.3	44.6	151.7	10.8	64.8	10.2	54.6	3.0
3322	MALLEABLE IRON FOUNDRIES . . . . .	21.9	4.0	17.9	1.0	16.3	1.7	14.5	.9
3323	STEEL FOUNDRIES . . . . .	56.8	15.0	41.8	3.7	27.8	4.2	23.6	2.3
333	PRIMARY NONFERROUS METALS . . . . .	272.8	88.9	184.0	11.6	87.4	34.5	53.0	1.6
3331	PRIMARY COPPER . . . . .	51.7	9.8	41.9	(2)	13.1	3.5	9.6	.2
3332	PRIMARY LEAD . . . . .	18.5	4.9	13.7	.3	1.0	.1	.8	(2)
3333	PRIMARY ZINC . . . . .	25.8	2.0	23.7	(2)	4.7	1.2	3.6	(2)
3334	PRIMARY ALUMINUM . . . . .	151.7	67.4	84.3	10.9	62.2	29.1	33.1	1.2
3339	PRIMARY NONFERROUS METALS, NEC . . . . .	25.1	4.8	20.3	.2	6.4	.6	5.8	.2
3341	SECONDARY NONFERROUS METALS . . . . .	23.6	7.5	16.1	.7	17.9	5.3	12.6	1.1
335	NONFERROUS ROLLING AND DRAWING . . . . .	470.0	97.4	372.6	24.2	191.4	27.2	164.2	9.6
3351	COPPER ROLLING AND DRAWING . . . . .	68.0	7.1	61.0	1.6	43.5	2.8	40.7	1.5
3352	ALUMINUM ROLLING AND DRAWING . . . . .	155.6	31.1	124.5	13.0	81.3	11.0	70.3	6.1
3356	NONFERROUS ROLLING AND DRAWING, NEC . . . . .	58.1	12.7	45.5	6.0	22.2	3.4	18.8	.5
3357	NONFERROUS WIREDRAWING, INSULATING . . . . .	188.3	46.5	141.8	3.6	44.5	10.1	34.4	1.5
336	NONFERROUS FOUNDRIES . . . . .	69.4	16.9	52.5	5.0	30.6	6.3	24.3	3.4
3361	ALUMINUM CASTINGS . . . . .	38.7	8.9	29.8	2.3	18.4	3.3	15.1	1.6
3362	BRASS, BRONZE, AND COPPER CASTINGS . . . . .	12.4	3.4	9.1	1.7	5.4	1.5	3.9	1.0
3369	NONFERROUS CASTINGS, NEC . . . . .	18.2	4.6	13.6	1.0	6.8	1.5	5.3	.8
339	MISC. PRIMARY METAL PRODUCTS . . . . .	112.4	25.8	86.6	9.8	35.7	6.0	29.7	6.7
3391	IRON AND STEEL FORGINGS . . . . .	45.0	10.4	34.6	3.4	17.5	3.3	14.2	4.4
3392	NONFERROUS FORGINGS . . . . .	32.4	8.8	23.7	2.5	4.7	.3	4.4	1.1
3399	PRIMARY METAL PRODUCTS, NEC . . . . .	35.0	6.7	28.3	3.8	13.5	2.5	11.0	1.2

See footnotes at end of table.

TABLE 2. Manufacturers' Expenditures for Plant and Equipment by Industry Groups and Industries: 1967 and 1963—Continued

Code	Industry group and industry	(Millions of dollars)							
		1967				1963			
		Expenditures for new plant and equipment <sup>1</sup>			Expenditures for used plant and equipment	Expenditures for new plant and equipment <sup>1</sup>			Expenditures for used plant and equipment
		Total	New structures and additions to plant	New machinery and equipment		Total	New structures and additions to plant	New machinery and equipment	
34	FABRICATED METAL PRODUCTS. . . . .	1 118.4	284.2	834.2	83.1	610.2	150.0	460.1	64.5
3411	METAL CANS. . . . .	99.2	11.8	87.3	4.9	66.5	8.0	58.6	2.6
342	CUTLERY, HANDTOOLS, AND HARDWARE. . . . .	120.0	26.8	93.2	7.3	100.6	24.2	76.5	5.8
3421	CUTLERY. . . . .	11.5	1.5	9.9	.1	12.4	3.0	9.3	1.3
3423	HAND AND EDGE TOOLS, NEC. . . . .	23.3	6.8	16.5	1.9	11.0	2.0	9.0	1.5
3425	HANSAWS AND SAW BLADES. . . . .	3.9	.9	3.0	.4	6.3	3.7	2.6	.2
3429	HARDWARE, NEC. . . . .	81.3	17.6	63.7	4.9	71.0	15.4	55.5	2.8
343	PLUMBING AND HEATING EXC. ELECTRIC. . . . .	47.1	14.0	33.1	4.1	30.2	7.6	22.6	2.1
3431	METAL SANITARY WARE. . . . .	7.6	1.5	6.2	1.3	5.9	.5	5.3	.1
3432	PLUMBING FITTINGS AND BRASS GOODS. . . . .	8.2	2.1	6.1	1.0	6.5	1.7	4.8	.5
3433	HEATING EQUIPMENT, EXCEPT ELECTRIC. . . . .	31.3	10.4	20.8	1.8	17.8	5.4	12.4	1.5
344	FABRICATED STRUCTURAL METAL PROD.. . . .	257.6	92.4	165.2	19.0	126.1	38.5	87.6	14.5
3441	FABRICATED STRUCTURAL STEEL. . . . .	76.6	28.8	47.8	5.8	28.2	10.3	17.8	3.1
3442	METAL DOORS, SASH, AND TRIM. . . . .	24.3	7.6	16.7	1.7	21.3	5.1	16.3	1.9
3443	FABRICATED PLATEWORK (BOILER SHOPS). . . . .	81.9	28.6	53.3	5.7	32.9	9.4	23.6	5.9
3444	SHEET METALWORK. . . . .	44.4	14.8	29.7	2.5	26.2	7.9	18.3	2.5
3446	ARCHITECTURAL METALWORK. . . . .	7.4	2.7	4.8	.4	6.1	2.1	4.0	.4
3449	MISCELLANEOUS METALWORK. . . . .	23.0	10.0	13.0	2.9	11.5	3.8	7.7	.7
345	SCREW MACHINE PRODUCTS, BOLTS, ETC. . . . .	120.4	27.2	93.2	11.1	50.1	9.3	40.9	10.0
3451	SCREW MACHINE PRODUCTS. . . . .	49.7	9.5	40.2	7.0	18.7	3.9	14.8	5.5
3452	BOLTS, NUTS, RIVETS, AND WASHERS. . . . .	70.7	17.7	53.0	4.1	31.4	5.4	26.1	4.5
3461	METAL STAMPINGS <sup>2</sup> . . . . .	195.8	38.6	157.3	17.3	105.1	28.4	76.7	12.5
347	METAL SERVICES, NEC. . . . .	55.1	13.3	41.8	3.7	28.7	6.9	21.8	3.4
3471	PLATING AND POLISHING. . . . .	33.1	8.3	24.8	2.2	20.0	4.8	15.2	2.8
3479	METAL COATING AND ALLIED SERVICES. . . . .	22.0	5.0	17.0	1.5	8.7	2.1	6.5	.7
3481	MISC. FABRICATED WIRE PRODUCTS. . . . .	37.8	9.3	28.5	3.3	24.8	6.0	18.8	2.9
349	MISC. FABRICATED METAL PRODUCTS. . . . .	185.4	50.8	134.6	12.4	78.1	21.2	56.9	10.6
3491	METAL BARRELS, DRUMS, AND PAILS. . . . .	15.0	2.6	12.3	.5	6.4	.8	5.6	1.2
3492	SAFES AND VAULTS. . . . .	3.1	1.5	1.6	.1	1.8	.8	1.0	.2
3493	STEEL SPRINGS. . . . .	6.3	1.3	5.0	1.0	2.0	.3	1.7	.2
3494	VALVES AND PIPE FITTINGS. . . . .	100.0	26.1	73.9	6.2	39.0	11.3	27.7	5.7
3496	COLLAPSIBLE TUBES. . . . .	4.1	2.1	2.1	(2)	1.9	.4	1.5	.1
3497	METAL FOIL AND LEAF. . . . .	10.6	1.9	8.7	.2	5.7	1.2	4.5	.1
3498	FABRICATED PIPE AND FITTINGS. . . . .	14.4	5.3	9.2	1.8	5.1	1.2	3.9	1.3
3499	FABRICATED METAL PRODUCTS, NEC. . . . .	31.9	10.0	21.9	2.5	16.2	5.2	11.0	2.0
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	1 868.1	506.5	1 361.5	109.5	783.1	171.0	612.1	85.1
351	ENGINES AND TURBINES. . . . .	163.9	47.2	116.7	3.3	54.1	7.9	46.2	3.2
3511	STEAM ENGINES AND TURBINES. . . . .	66.3	17.6	48.7	1.7	19.4	1.7	17.7	.3
3519	INTERNAL COMBUSTION ENGINES, NEC. . . . .	97.6	29.6	68.0	1.6	34.8	6.3	28.5	2.8
3522	FARM MACHINERY. . . . .	128.5	35.1	93.3	5.6	64.4	17.0	47.4	3.9
353	CONSTRUCTION AND RELATED MACHINERY. . . . .	279.6	71.5	208.1	11.5	93.2	19.3	73.9	6.9
3531	CONSTRUCTION MACHINERY. . . . .	184.9	44.1	140.8	3.3	56.2	10.8	45.5	2.7
3532	MINING MACHINERY. . . . .	18.4	3.8	14.6	2.1	6.8	1.3	5.5	.8
3533	OILFIELD MACHINERY. . . . .	23.7	5.1	18.5	2.2	11.3	2.2	9.1	1.9
3534	ELEVATORS AND MOVING STAIRWAYS. . . . .	3.9	.7	3.2	.3	3.3	.9	2.4	.3
3535	CONVEYORS AND CONVEYING EQUIPMENT. . . . .	13.6	5.1	8.4	1.3	6.1	1.6	4.5	.8
3536	HOISTS, CRANES, AND MONORAILS. . . . .	11.3	3.0	8.4	.7	2.6	.7	2.0	.1
3537	INDUSTRIAL TRUCKS AND TRACTORS. . . . .	23.9	9.6	14.2	1.6	6.7	1.8	4.8	.3
354	METALWORKING MACHINERY. . . . .	319.4	68.9	250.5	25.1	136.7	26.4	110.3	22.2
3541	MACHINE TOOLS, METAL-CUTTING TYPES. . . . .	78.7	19.3	59.3	4.5	28.8	5.4	23.4	3.5
3542	MACHINE TOOLS, METAL-FORMING TYPES. . . . .	26.2	5.7	20.5	1.8	10.8	2.1	8.7	2.8
3544	SPECIAL DIES, TOOLS, JIGS, FIXTURES. . . . .	114.7	21.3	93.4	13.2	53.3	10.6	42.8	11.5
3545	MACHINE TOOL ACCESSORIES. . . . .	55.0	12.9	42.1	3.6	22.8	4.2	18.6	3.4
3548	METALWORKING MACHINERY, NEC. . . . .	44.8	9.7	35.1	2.0	21.0	4.1	16.8	1.0
355	SPECIAL INDUSTRY MACHINERY. . . . .	179.3	62.9	116.4	11.3	71.4	17.8	53.6	7.7
3551	FOOD PRODUCTS MACHINERY. . . . .	22.0	5.7	16.2	.8	11.0	3.0	8.0	.9
3552	TEXTILE MACHINERY. . . . .	22.2	7.5	14.7	1.9	13.9	2.8	11.1	1.3
3553	WOODWORKING MACHINERY. . . . .	8.2	2.2	6.0	.7	4.7	1.6	3.1	1.0
3554	PAPER INDUSTRIES MACHINERY. . . . .	18.6	5.3	13.3	.8	10.3	3.1	7.2	1.6
3555	PRINTING TRADES MACHINERY. . . . .	32.9	11.0	21.9	2.6	8.9	1.3	7.6	.7
3559	SPECIAL INDUSTRY MACHINERY, NEC. . . . .	75.4	31.2	44.2	4.5	22.5	5.9	16.6	2.1
356	GENERAL INDUSTRIAL MACHINERY. . . . .	291.4	89.9	201.5	15.7	124.5	26.2	98.4	12.4
3561	PUMPS AND COMPRESSORS. . . . .	62.3	15.6	46.7	5.0	28.4	5.6	22.8	3.9
3562	BALL AND ROLLER BEARINGS. . . . .	107.1	38.7	68.4	3.7	39.2	5.8	33.4	1.9
3564	BLOWERS AND FANS. . . . .	14.5	4.4	10.0	.5	7.0	2.7	4.2	.7
3565	INDUSTRIAL PATTERNS. . . . .	8.1	3.3	4.8	.7	3.8	1.3	2.5	.4
3566	POWER TRANSMISSION EQUIPMENT. . . . .	57.3	12.4	44.9	3.6	26.4	4.1	22.4	2.7
3567	INDUSTRIAL FURNACES AND OVENS. . . . .	11.6	4.8	6.8	.8	4.6	2.0	2.6	1.4
3569	GENERAL INDUSTRIAL MACHINERY, NEC. . . . .	30.5	10.7	19.9	1.4	15.1	4.6	10.5	1.5
357	OFFICE AND COMPUTING MACHINES. . . . .	192.7	44.0	148.7	6.3	119.6	21.6	98.1	9.1
3572	TYPEWRITERS. . . . .	20.1	2.6	17.5	.8	9.6	1.9	7.7	(2)
3573	ELECTRONIC COMPUTING EQUIPMENT. . . . .	117.1	29.8	87.3	4.8	92.6	13.5	79.1	(2)
3574	CALCULATING AND ACCOUNTING MACHINES. . . . .	32.6	6.1	26.5	.3	1.1	.1	1.1	(2)
3576	SCALES AND BALANCES. . . . .	5.1	1.6	3.5	.1	1.1	.1	1.1	.7
3579	OFFICE MACHINES, NEC. . . . .	17.8	3.9	13.9	.3	16.3	6.1	10.1	.4

See footnotes at end of table.



TABLE 2. Manufacturers' Expenditures for Plant and Equipment by Industry Groups and Industries: 1967 and 1963—Continued

		(Millions of dollars)							
Code	Industry group and industry	1967				1963			
		Expenditures for new plant and equipment <sup>1</sup>			Expenditures for used plant and equipment	Expenditures for new plant and equipment <sup>1</sup>			Expenditures for used plant and equipment
		Total	New structures and additions to plant	New machinery and equipment		Total	New structures and additions to plant	New machinery and equipment	
35	MACHINERY, EXCEPT ELECTRICAL—CON.								
358	SERVICE INDUSTRY MACHINES. . . . .	134.1	48.8	85.4	5.3	47.3	14.2	33.1	4.1
3581	AUTOMATIC MERCHANDISING MACHINES. . . . .	5.5	1.0	4.5	.4	3.5	.5	3.0	1.0
3582	COMMERCIAL LAUNDRY EQUIPMENT. . . . .	4.9	2.7	2.2	.2	2.5	1.1	1.4	.4
3585	REFRIGERATION MACHINERY. . . . .	109.3	40.4	69.0	3.0	33.5	9.8	23.6	2.1
3586	MEASURING AND DISPENSING PUMPS. . . . .	3.8	.7	3.1	.1	2.6	.5	2.1	.1
3589	SERVICE INDUSTRY MACHINES, NEC. . . . .	10.6	4.0	6.6	1.6	5.3	2.3	3.0	.4
3599	MISC. MACHINERY, EXCEPT ELECTRICAL. . . . .	179.1	38.2	140.9	25.4	71.7	20.6	51.1	15.7
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	1 537.2	449.3	1 087.9	59.8	701.9	176.0	525.9	48.3
361	ELECTRIC TEST, DISTRIBUTING EQUIP. . . . .	145.6	58.6	87.0	4.0	50.5	12.6	38.0	2.3
3611	ELECTRIC MEASURING INSTRUMENTS. . . . .	53.7	27.7	26.0	1.5	19.2	6.5	12.7	.8
3612	TRANSFORMERS. . . . .	52.8	17.8	35.0	.6	13.1	1.0	12.1	.9
3613	SWITCHGEAR AND SWITCHBOARD APPARATUS. . . . .	39.1	13.1	26.0	1.9	18.2	5.1	13.1	.7
362	ELECTRICAL INDUSTRIAL APPARATUS. . . . .	208.6	64.6	144.0	8.2	72.0	14.9	57.1	8.3
3621	MOTORS AND GENERATORS. . . . .	102.5	28.7	73.8	3.6	35.8	3.8	32.0	6.1
3622	INDUSTRIAL CONTROLS. . . . .	34.3	14.1	20.2	2.8	15.4	6.2	9.2	.5
3623	WELDING APPARATUS. . . . .	18.1	5.8	12.3	.7	5.4	1.4	4.0	.3
3624	CARBON AND GRAPHITE PRODUCTS. . . . .	41.3	12.4	28.9	.6	11.4	2.4	9.1	.4
3629	ELECTRICAL INDUSTRIAL APPARATUS, NEC. . . . .	12.3	3.6	8.8	.5	4.0	1.2	2.8	.9
363	HOUSEHOLD APPLIANCES. . . . .	125.1	35.4	89.6	3.0	71.3	14.0	57.2	8.0
3631	HOUSEHOLD COOKING EQUIPMENT. . . . .	8.6	1.7	6.9	.3	8.2	2.7	5.5	.1
3632	HOUSEHOLD REFRIGERATORS AND FREEZERS. . . . .	37.3	15.1	22.2	1.2	21.8	2.7	19.0	2.2
3633	HOUSEHOLD LAUNDRY EQUIPMENT. . . . .	31.8	7.5	24.3	.1	9.2	1.5	7.7	.2
3634	ELECTRIC HOUSEWARES AND FANS. . . . .	24.6	4.5	20.2	1.0	17.0	2.5	14.5	1.4
3635	HOUSEHOLD VACUUM CLEANERS. . . . .	6.5	2.0	4.5	.1	5.7	2.9	2.9	.5
3636	SEWING MACHINES. . . . .	5.6	1.5	4.0	(2)	2.6	.6	2.0	3.4
3639	HOUSEHOLD APPLIANCES, NEC. . . . .	10.7	3.2	7.5	.2	6.7	1.1	5.7	.3
364	ELECT. LIGHTING, AND WIRING EQUIP. . . . .	130.9	34.2	96.7	3.6	62.1	15.3	46.8	4.1
3641	ELECTRIC LAMPS. . . . .	48.2	11.1	37.1	.9	17.0	4.1	12.9	.4
3642	LIGHTING FIXTURES. . . . .	32.7	8.6	24.1	1.2	23.1	7.8	15.3	1.4
3643	CURRENT-CARRYING WIRING DEVICES. . . . .	29.8	7.8	22.2	.6	14.1	2.5	11.6	1.5
3644	NONCURRENT-CARRYING WIRING DEVICES. . . . .	20.2	6.8	13.4	.9	7.9	.9	6.9	.9
365	RADIO AND TV RECEIVING EQUIPMENT. . . . .	93.2	31.9	61.2	1.3	39.2	14.8	24.5	.8
3651	RADIO AND TV RECEIVING SETS. . . . .	86.1	30.8	55.3	.9	30.5	12.1	18.5	.5
3652	PHONOGRAPH RECORDS. . . . .	7.1	1.1	6.0	.4	8.7	2.7	6.0	.3
366	COMMUNICATION EQUIPMENT. . . . .	356.9	93.4	263.5	18.7	193.9	49.5	144.4	12.9
3661	TELEPHONE AND TELEGRAPH APPARATUS. . . . .	110.9	23.0	87.9	4.1	55.1	5.5	49.7	2.2
3662	RADIO AND TV COMMUNICATION EQUIPMENT. . . . .	246.0	70.4	175.6	14.6	138.7	44.0	94.7	10.7
367	ELECTRONIC COMPONENTS, ACCESSORIES. . . . .	373.3	99.1	274.2	15.7	175.9	46.5	129.5	9.4
3671	ELECTRON TUBES, RECEIVING TYPE. . . . .	7.0	1.4	5.6	(2)	5.6	1.0	4.6	1.1
3672	CATHODE RAY PICTURE TUBES. . . . .	46.0	7.4	38.6	1.1	16.1	2.2	13.9	.3
3673	ELECTRON TUBES, TRANSMITTING. . . . .	13.1	3.5	9.6	.5	13.3	3.3	10.0	.3
3674	SEMICONDUCTORS. . . . .	131.1	42.0	89.1	1.4	52.4	14.0	38.4	3.6
3679	ELECTRONIC COMPONENTS, NEC. . . . .	176.1	44.8	131.3	12.6	88.5	25.9	62.6	4.1
369	MISC. ELECTRICAL EQUIP. SUPPLIES. . . . .	103.6	32.0	71.6	5.3	37.0	8.5	28.5	2.4
3691	STORAGE BATTERIES. . . . .	14.8	3.1	11.7	.5	12.0	3.5	8.5	.5
3692	PRIMARY BATTERIES, DRY AND WET. . . . .	20.2	9.2	11.0	.2	4.1	1.2	3.0	.1
3693	X-RAY APPARATUS AND TUBES. . . . .	11.2	7.6	3.6	.1	2.1	.6	1.6	.1
3694	ENGINE ELECTRICAL EQUIPMENT. . . . .	45.9	9.2	36.8	3.8	15.5	3.0	12.5	1.7
3699	ELECTRICAL EQUIPMENT, NEC. . . . .	11.5	2.9	8.6	.4	3.3	.3	3.0	.1
37	TRANSPORTATION EQUIPMENT. . . . .	1 822.4	545.1	1 277.3	130.4	981.1	260.8	720.4	89.5
371	MOTOR VEHICLES AND EQUIPMENT. . . . .	870.5	227.5	643.0	39.2	614.5	132.7	481.9	43.0
3711	MOTOR VEHICLES <sup>5</sup> . . . . .	263.2	74.1	189.1	17.0	602.7	128.4	474.3	42.0
3714	MOTOR VEHICLE PARTS AND ACCESSORIES <sup>5</sup> . . . . .	572.0	136.2	435.8	20.1	6.6	3.1	3.5	.4
3713	TRUCK AND BUS BODIES. . . . .	13.0	5.3	7.7	1.4	5.3	1.2	4.1	.6
3715	TRUCK TRAILERS. . . . .	22.3	11.9	10.4	.7				
372	AIRCRAFT AND PARTS. . . . .	798.9	252.3	546.6	82.8	294.2	102.4	191.8	24.7
3721	AIRCRAFT. . . . .	408.2	163.0	245.3	66.7	114.7	40.7	74.0	9.4
3722	AIRCRAFT ENGINES AND ENGINE PARTS. . . . .	224.4	50.0	174.4	8.0	111.5	45.5	66.0	5.1
3729	AIRCRAFT EQUIPMENT, NEC <sup>6</sup> . . . . .	166.3	39.4	127.0	8.1	67.9	16.2	51.8	10.0
373	SHIP AND BOAT BUILDING, REPAIRING. . . . .	86.1	41.9	44.2	5.4	37.9	15.8	22.1	19.1
3731	SHIP BUILDING AND REPAIRING. . . . .	70.3	33.9	36.5	3.5	24.5	10.1	14.3	9.8
3732	BOAT BUILDING AND REPAIRING. . . . .	15.8	8.1	7.7	1.9	13.4	5.7	7.8	9.3
374	RAILROAD EQUIPMENT. . . . .	40.5	11.4	29.1	1.3	18.1	3.4	14.6	1.3
3741	LOCOMOTIVES AND PARTS. . . . .	10.8	3.2	7.7	.4	7.2	.7	6.5	.4
3742	RAILROAD AND STREET CARS. . . . .	29.6	8.3	21.4	.9	10.9	2.7	8.1	.9
3751	MOTORCYCLES, BICYCLES, AND PARTS. . . . .	5.5	2.0	3.5	.1	3.2	.5	2.6	.3
379	MISC. TRANSPORTATION EQUIPMENT. . . . .	21.0	10.0	11.0	1.6	13.3	6.0	7.3	1.0
3791	TRAILER COACHES. . . . .	14.6	7.6	7.0	1.0	9.6	4.8	4.8	.5
3799	TRANSPORTATION EQUIPMENT, NEC. . . . .	6.4	2.4	4.0	.6	3.7	1.2	2.5	.6
38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	392.2	145.2	247.0	6.8	191.9	52.3	139.5	7.5
3811	ENGINEERING, SCIENTIFIC INSTRUMENTS. . . . .	21.8	6.8	14.9	1.3	16.2	6.2	10.0	2.6

See footnotes at end of table.

TABLE 2. Manufacturers' Expenditures for Plant and Equipment by Industry Groups and Industries: 1967 and 1963—Continued

(Millions of dollars)									
Code	Industry group and industry	1967				1963			
		Expenditures for new plant and equipment <sup>1</sup>			Expenditures for used plant and equipment	Expenditures for new plant and equipment <sup>1</sup>			Expenditures for used plant and equipment
		Total	New structures and additions to plant	New machinery and equipment		Total	New structures and additions to plant	New machinery and equipment	
38	INSTRUMENTS AND RELATED PRODUCTS--CON.								
382	MECHAN. MEASURING, CONTRL DEVICES	58.3	19.0	39.3	1.6	41.4	13.4	28.1	1.6
3821	MECHANICAL MEASURING DEVICES . . . . .	45.1	17.2	27.9	1.5	30.9	11.9	19.0	.9
3822	AUTOMATIC TEMPERATURE CONTRLS . . . . .	13.2	1.7	11.4	.1	10.5	1.4	9.1	.7
3831	OPTICAL INSTRUMENTS AND LENSES . . . . .	15.8	5.1	10.8	.5	6.2	2.1	4.0	.7
384	MEDICAL INSTRUMENTS AND SUPPLIES . . . . .	53.5	20.0	33.5	1.1	31.1	10.3	20.8	.8
3841	SURGICAL AND MEDICAL INSTRUMENTS . . . . .	18.5	8.2	10.3	.4	10.5	3.3	7.3	.2
3842	SURGICAL APPLIANCES AND SUPPLIES . . . . .	30.5	10.6	19.9	.5	17.8	6.4	11.5	.5
3843	DENTAL EQUIPMENT AND SUPPLIES . . . . .	4.5	1.2	3.3	.2	2.7	.6	2.1	.1
3851	OPHTHALMIC GOODS . . . . .	14.5	2.8	11.7	.4	9.1	.9	8.2	.3
3861	PHOTOGRAPHIC EQUIPMENT AND SUPPLIES . . . . .	217.9	89.8	128.1	1.2	78.6	17.9	60.8	1.0
387	WATCHES, CLOCKS, AND WATCHCASES . . . . .	10.4	1.8	8.7	.8	9.2	1.6	7.6	.6
3871	WATCHES AND CLOCKS . . . . .	9.5	1.7	7.8	.6	8.7	1.6	7.1	.6
3872	WATCHCASES . . . . .	.9	.1	.8	.1	(2)	(2)	.5	(2)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	213.5	73.4	140.0	9.4	131.0	34.1	96.9	9.0
391	JEWELRY, SILVERWARE, PLATED WARE . . . . .	14.1	3.2	10.8	.7	8.1	2.0	6.1	.6
3911	JEWELRY, PRECIOUS METAL . . . . .	5.9	1.8	4.2	.3	3.7	1.1	2.6	.2
3912	JEWELERS' FINDINGS AND MATERIALS . . . . .	1.9	.5	1.4	.2	1.3	.5	.8	.1
3913	LAPIDARY WORK . . . . .	.6	.1	.5	(2)	.4	(2)	.4	(2)
3914	SILVERWARE AND PLATED WARE . . . . .	5.7	.9	4.8	.2	2.7	.3	2.4	.3
3931	MUSICAL INSTRUMENTS AND PARTS . . . . .	10.6	5.4	5.2	.4	5.8	2.6	3.2	.4
394	TOYS AND SPORTING GOODS . . . . .	62.1	20.7	41.4	3.1	51.1	13.5	37.7	3.9
3941	GAMES AND TOYS . . . . .	33.7	12.3	21.4	1.7	27.7	6.4	21.3	2.7
3942	DOLLS . . . . .	2.4	.3	2.1	.2	6.3	1.8	4.5	.2
3943	CHILDREN'S VEHICLES, EXCEPT BICYCLES . . . . .	3.5	1.7	1.9	(2)	1.9	.1	1.8	.1
3949	SPORTING AND ATHLETIC GOODS, NEC . . . . .	22.5	6.5	16.0	1.1	15.3	5.2	10.1	.8
395	PENS, PENCILS, OFFICE, ART GOODS . . . . .	23.0	7.3	15.8	.9	10.1	1.1	9.0	.5
3951	PENS AND MECHANICAL PENCILS . . . . .	6.8	.9	5.9	.1	4.1	.2	3.9	.2
3952	LEAD PENCILS AND ART GOODS . . . . .	4.6	2.1	2.5	(2)	1.6	.3	1.3	(2)
3953	MARKING DEVICES . . . . .	6.4	3.5	2.9	.5	2.2	.4	1.8	.1
3955	CARBON PAPER AND INKED RIBBONS . . . . .	5.3	.7	4.5	.2	2.3	.3	2.0	.1
396	COSTUME JEWELRY AND NOTIONS . . . . .	21.7	4.3	17.4	1.1	13.0	2.4	10.6	.9
3961	COSTUME JEWELRY . . . . .	4.4	1.2	3.2	.6	3.8	1.0	2.9	.2
3962	ARTIFICIAL FLOWERS . . . . .	.7	.3	.5	(2)	.7	.2	.5	(2)
3963	BUTTONS . . . . .	1.2	.2	1.1	.1	1.0	.3	.8	.1
3964	NEEDLES, PINS, AND FASTENERS . . . . .	15.3	2.7	12.6	.3	7.4	1.0	6.5	.6
399	MISCELLANEOUS MANUFACTURES <sup>7</sup> . . . . .	81.9	32.5	49.4	3.2	42.8	12.5	30.3	2.8
3991	BRIDGES AND BRUSHES <sup>7</sup> . . . . .	10.7	3.0	7.7	.2	4.4	1.0	3.4	.4
3993	SIGNS AND ADVERTISING DISPLAYS <sup>7</sup> . . . . .	23.0	9.8	13.1	1.2	15.0	5.2	9.8	1.0
3994	MORTICIANS' GOODS <sup>7</sup> . . . . .	4.2	1.7	2.5	.2	5.5	2.0	3.5	.2
3996	HARD SURFACE FLOOR COVERINGS <sup>7</sup> . . . . .	20.6	8.0	12.6	(2)	4.4	.3	4.1	(2)
3999	MANUFACTURES, NEC <sup>7</sup> . . . . .	23.5	10.0	13.5	1.5	13.5	4.0	9.5	1.0
19	ORONANCE AND ACCESSORIES <sup>8</sup> . . . . .	200.0	63.0	137.0	10.7	88.2	25.9	62.3	8.8
192	AMMUNITION, EXCEPT FOR SMALL ARMS, NEC . . . . .	153.9	49.2	104.6	6.8	56.5	16.4	40.0	2.1
1925	COMPLETE GUIDOE MISSILES . . . . .	111.4	38.0	73.4	2.0	48.8	13.5	35.4	1.7
1929	AMMUNITION, EXCEPT FOR SMALL ARMS . . . . .	42.5	11.2	31.2	4.8	7.6	3.0	4.6	.3
1931	TANKS AND TANKS COMPONENTS . . . . .	3.3	.8	2.5	.3	5.2	.7	4.6	.3
1941	SIGHTING AND FIRE CONTROL EQUIPMENT . . . . .	1.3	.3	1.0	(2)	3.6	1.7	2.0	-
1951	SMALL ARMS . . . . .	11.2	2.0	9.2	1.0	5.1	1.1	4.0	.3
1961	SMALL ARMS AMMUNITION . . . . .	12.6	6.2	6.4	1.0	5.5	1.6	3.9	.3
1911	GUNS HOWITZERS AND MORTARS . . . . .								
1999	AND ORONANCE AND ACCESSORIES . . . . .	17.7	4.5	13.3	1.5	12.3	4.4	7.9	.3

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Less than \$50 thousand.

<sup>1</sup>Includes data for plants under construction and not yet in operation.

<sup>2</sup>The data for 1967 for industry 2045 exclude establishments producing self-rising, phosphated, and bromated flour which is now classified in industry 2041. However for 1963, data were included.

<sup>3</sup>Data for 1967 for industry 2396 are not strictly comparable with prior years because of misclassification of several plants. These establishments accounted for approximately 5 to 10 percent of total employment and value of shipments in 1967.

<sup>4</sup>The 1963 data are not directly comparable with other years due to an undetermined number of establishments reporting sanitary containers as folding boxes. This caused establishments to be classified incorrectly to the Folding Box Industry.

<sup>5</sup>Prior to 1967 industries 3711 and 3714 were combined and identified as industry 3717. Data for 1963 for industries 3711 and 3714 have been revised by the exclusion of automotive stampings plants operated by automobile producing companies. As a result of this revision, these plants are now classified in the metal stampings industry (SIC 3461).

<sup>6</sup>The 1963 data for industry 3729 exclude establishments which were classified in industry 3723.

<sup>7</sup>Industry group 399, "Miscellaneous Manufactures," was previously identified as industry groups 398 and 399. The comparability of 1967 industry codes with those used in prior years is as follows:

1967 SIC	Prior year SIC	1967 SIC	Prior year SIC
3991	3981	3999	3983
3993	3993		3984
3994	3988		3987
			3992
3996	3982		3995
			3999

<sup>8</sup>Includes privately owned and/or operated establishments. Government owned and operated establishments are excluded.



TABLE 3. Manufacturers' Expenditures for Plant and Equipment by Divisions and States: 1967 and 1963

(In millions of dollars)

Division and State	1967				1963			
	Establishments in operation and under construction			Expenditures for used plant and equipment	Establishments in operation and under construction			Expenditures for used plant and equipment
	Total new expenditures	New structures and additions	New machinery and equipment		Total new expenditures	New structures and additions	New machinery and equipment	
United States, total.....	21,503.0	5,714.0	15,789.0	967.6	11,370.0	2,965.5	8,404.4	706.5
New England.....	1,223.7	331.6	892.1	54.6	639.3	134.2	505.2	67.2
Maine.....	98.8	20.2	78.6	3.9	62.5	11.5	51.0	3.1
New Hampshire.....	75.6	16.7	58.9	3.6	30.3	5.2	25.1	4.8
Vermont.....	35.1	7.8	27.3	1.5	15.7	3.3	12.4	0.7
Massachusetts.....	493.7	142.5	351.3	22.5	273.0	56.4	216.6	21.1
Rhode Island.....	74.8	16.4	58.4	3.3	43.1	8.4	34.7	22.5
Connecticut.....	445.7	128.1	317.6	19.8	214.8	49.3	165.5	14.9
Middle Atlantic.....	3,768.0	1,022.5	2,745.5	155.5	2,086.2	493.6	1,592.6	132.3
New York.....	1,310.3	337.9	972.4	66.9	783.6	175.4	608.1	52.9
New Jersey.....	824.3	222.3	602.0	33.5	525.0	120.1	404.9	31.1
Pennsylvania.....	1,633.4	462.3	1,171.1	55.1	777.7	198.1	579.6	48.3
East North Central.....	6,058.6	1,537.9	4,520.8	261.1	3,221.1	786.8	2,434.2	199.0
Ohio.....	1,694.1	392.3	1,301.8	71.0	847.8	175.0	672.8	54.4
Indiana.....	1,004.4	266.2	738.2	30.3	555.2	180.1	375.1	22.5
Illinois.....	1,493.4	412.2	1,081.2	67.5	775.5	187.1	588.4	48.8
Michigan.....	1,360.2	336.5	1,023.7	70.8	761.8	171.3	590.5	57.1
Wisconsin.....	506.6	130.7	375.9	21.5	280.7	73.3	207.3	16.3
West North Central.....	1,050.6	293.9	756.7	64.9	664.9	173.3	491.6	45.5
Minnesota.....	231.3	57.1	174.2	15.1	159.1	43.9	115.2	13.5
Iowa.....	230.7	64.7	166.0	9.7	127.0	37.5	89.4	5.7
Missouri.....	346.8	97.7	249.1	24.0	211.1	52.8	158.2	18.7
North Dakota.....	6.3	2.5	3.8	0.3	8.1	4.7	3.4	0.3
South Dakota.....	8.2	2.2	6.0	0.9	7.3	2.1	5.3	0.4
Nebraska.....	71.4	21.9	49.4	9.9	46.1	10.2	35.9	2.8
Kansas.....	155.9	47.7	108.2	5.0	106.3	22.1	84.2	4.2
South Atlantic.....	2,805.7	660.9	2,144.9	141.7	1,569.9	366.5	1,203.5	97.2
Delaware.....	115.9	28.0	87.9	1.5	88.8	28.8	60.8	0.9
Maryland.....	251.6	56.8	194.7	11.5	176.3	43.6	132.7	16.7
District of Columbia.....	17.0	9.4	7.6	0.5	13.0	5.6	7.4	0.3
Virginia.....	347.0	82.9	264.1	14.9	231.8	55.1	176.7	16.6
West Virginia.....	269.0	24.5	244.5	18.9	173.0	26.3	146.7	2.5
North Carolina.....	664.6	178.8	485.8	34.1	314.4	71.4	243.0	18.8
South Carolina.....	416.6	96.1	320.5	31.4	179.8	36.8	143.0	19.7
Georgia.....	423.3	116.2	307.0	15.9	202.2	53.6	148.5	10.8
Florida.....	300.7	68.2	232.5	13.0	190.6	45.3	145.3	10.9
East South Central.....	1,405.8	384.4	1,021.3	42.1	747.1	186.3	560.8	23.9
Kentucky.....	338.3	79.5	258.7	7.1	223.6	31.0	192.6	5.0
Tennessee.....	412.4	102.8	309.6	16.7	244.9	51.9	193.0	9.2
Alabama.....	378.9	75.0	303.9	12.6	147.4	21.1	126.3	6.0
Mississippi.....	276.2	127.1	149.1	5.7	131.2	82.3	48.9	3.6
West South Central.....	2,403.8	662.5	1,741.4	82.2	921.4	294.9	626.4	42.0
Arkansas.....	172.6	40.9	131.7	12.9	73.4	11.8	61.6	6.4
Louisiana.....	741.4	206.0	535.5	25.3	210.8	47.8	163.0	6.1
Oklahoma.....	80.9	24.0	56.9	8.5	63.6	16.5	47.1	4.2
Texas.....	1,408.8	391.6	1,017.3	35.5	573.6	218.8	354.7	25.3
Mountain.....	428.9	112.2	316.6	24.6	247.0	90.5	156.5	16.4
Montana.....	68.9	26.5	42.4	1.4	38.6	19.8	18.8	2.2
Idaho.....	57.7	10.1	47.6	4.0	28.4	9.2	19.1	1.6
Wyoming.....	7.6	2.7	4.9	0.4	14.0	10.3	3.7	0.3
Colorado.....	99.6	27.2	72.4	5.8	68.0	20.7	47.3	2.4
New Mexico.....	10.6	2.2	8.4	2.1	10.4	4.3	6.1	0.7
Arizona.....	109.9	29.9	80.1	3.9	49.5	19.1	30.3	1.8
Utah.....	59.2	11.5	47.6	2.3	29.6	5.7	23.9	7.0
Nevada.....	15.4	2.1	13.3	4.7	8.7	1.5	7.2	0.4
Pacific.....	2,268.8	700.5	1,568.2	168.3	1,290.4	369.3	921.1	91.9
Washington.....	464.7	157.0	307.7	67.2	143.4	39.6	103.8	16.0
Oregon.....	234.2	40.2	194.0	13.9	132.0	28.6	103.4	11.5
California.....	1,529.2	491.3	1,037.8	83.1	985.1	289.9	695.2	62.1
Alaska.....	14.7	4.1	10.6	2.3	14.5	8.8	5.7	0.7
Hawaii.....	26.0	7.9	18.1	1.8	15.4	2.4	12.9	1.5

Note: The totals at the U.S. total level were derived from separate tabulations based on industry rather than State detail. The sum of the State detail does not add to the U.S. totals because of (1) independent rounding and (2) independent review and correction of the separate industry and State tabulations.

TABLE 4. Manufacturers' Expenditures for New Plant and Equipment, by Major Industry Groups, Divisions, and States: 1967

(In millions of dollars)									
Code	Major industry group	Establishments in operation and under construction			Code	Major industry group	Establishments in operation and under construction		
		Total expenditures	New structures and additions to plant	New machinery and equipment			Total expenditures	New structures and additions to plant	New machinery and equipment
	UNITED STATES, TOTAL . . . . .	21 503.0	5 714.0	15 789.0		VERMONT, TOTAL . . . . .	35.1	7.8	27.3
20	FOOD AND KINDRED PRODUCTS. . . . .	1 730.1	466.1	1 264.0	20	FOOD AND KINDRED PRODUCTS. . . . .	3.0	1.1	1.9
21	TOBACCO MANUFACTURES. . . . .	52.9	11.1	41.9	21	TOBACCO MANUFACTURES. . . . .	.1	(2)	.1
22	TEXTILE MILL PRODUCTS. . . . .	733.1	166.2	566.9	22	TEXTILE MILL PRODUCTS. . . . .	.4	.1	.3
23	APPAREL, OTHER TEXTILE PRODUCTS. . . . .	208.3	57.9	150.5	23	APPAREL, OTHER TEXTILE PRODUCTS. . . . .	1.6	.2	1.4
24	LUMBER AND WOOD PRODUCTS. . . . .	426.0	88.0	338.0	24	LUMBER AND WOOD PRODUCTS. . . . .	1.6	1.0	.6
25	FURNITURE AND FIXTURES. . . . .	198.0	85.2	112.9	25	FURNITURE AND FIXTURES. . . . .	(0)	(0)	(0)
26	PAPER AND ALLIED PRODUCTS. . . . .	1 585.3	301.6	1 283.8	26	PAPER AND ALLIED PRODUCTS. . . . .	4.2	1.5	2.8
27	PRINTING AND PUBLISHING. . . . .	788.1	209.8	578.3	27	PRINTING AND PUBLISHING. . . . .	(0)	(0)	(0)
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	2 936.1	659.0	2 277.1	28	CHEMICALS AND ALLIED PRODUCTS. . . . .	(0)	(0)	(0)
29	PETROLEUM AND COAL PRODUCTS. . . . .	999.3	560.3	438.9	29	PETROLEUM AND COAL PRODUCTS. . . . .	(0)	(0)	(0)
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	677.2	139.6	537.6	30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(0)	(0)	(0)
31	LEATHER AND LEATHER PRODUCTS. . . . .	62.1	19.8	42.3	31	LEATHER AND LEATHER PRODUCTS. . . . .	(0)	(0)	(0)
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	820.9	193.0	627.8	32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	1.3	.2	1.1
33	PRIMARY METAL INDUSTRIES. . . . .	3 134.1	689.9	2 444.3	33	PRIMARY METAL INDUSTRIES. . . . .	(0)	(0)	(0)
34	FABRICATED METAL PRODUCTS. . . . .	1 118.4	284.2	834.2	34	FABRICATED METAL PRODUCTS. . . . .	.4	.1	.3
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	1 868.1	506.5	1 361.5	35	MACHINERY, EXCEPT ELECTRICAL. . . . .	5.3	1.4	4.0
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	1 537.2	449.3	1 087.9	36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	(0)	(0)	(0)
37	TRANSPORTATION EQUIPMENT. . . . .	1 822.4	545.1	1 277.3	37	TRANSPORTATION EQUIPMENT. . . . .	(0)	(0)	(0)
38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	392.2	145.2	247.0	38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	(0)	(0)	(0)
39	MISC. MANUFACTURING INDUSTRIES. . . . .	213.5	73.4	140.0	39	MISC. MANUFACTURING INDUSTRIES. . . . .	.1	.1	.1
19	ORDNANCE AND ACCESSORIES. . . . .	200.0	63.0	137.0	19	ORDNANCE AND ACCESSORIES. . . . .	(0)	(0)	(0)
	MASSACHUSETTS, TOTAL . . . . .	493.7	142.5	351.3		MASSACHUSETTS, TOTAL . . . . .	493.7	142.5	351.3
	NEW ENGLAND DIVISION, TOTAL. . . . .	1 223.7	331.6	892.1		NEW ENGLAND DIVISION, TOTAL. . . . .	1 223.7	331.6	892.1
20	FOOD AND KINDRED PRODUCTS. . . . .	50.7	12.5	38.1	20	FOOD AND KINDRED PRODUCTS. . . . .	25.1	6.0	19.1
21	TOBACCO MANUFACTURES. . . . .	.2	.1	.1	21	TOBACCO MANUFACTURES. . . . .	11.8	2.0	9.8
22	TEXTILE MILL PRODUCTS. . . . .	41.5	7.1	34.4	22	TEXTILE MILL PRODUCTS. . . . .	6.8	1.4	5.3
23	APPAREL, OTHER TEXTILE PRODUCTS. . . . .	10.5	2.8	7.8	23	APPAREL, OTHER TEXTILE PRODUCTS. . . . .	2.2	.6	1.6
24	LUMBER AND WOOD PRODUCTS. . . . .	17.5	3.3	14.1	24	LUMBER AND WOOD PRODUCTS. . . . .	3.2	1.2	2.0
25	FURNITURE AND FIXTURES. . . . .	8.3	3.4	4.9	25	FURNITURE AND FIXTURES. . . . .	50.4	13.1	37.3
26	PAPER AND ALLIED PRODUCTS. . . . .	130.3	23.9	106.4	26	PAPER AND ALLIED PRODUCTS. . . . .	31.1	9.1	22.1
27	PRINTING AND PUBLISHING. . . . .	54.3	14.0	40.3	27	PRINTING AND PUBLISHING. . . . .	28.0	7.9	20.1
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	81.9	25.8	56.1	28	CHEMICALS AND ALLIED PRODUCTS. . . . .	(0)	(0)	(0)
29	PETROLEUM AND COAL PRODUCTS. . . . .	4.1	1.4	2.7	29	PETROLEUM AND COAL PRODUCTS. . . . .	28.4	5.8	24.6
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	58.8	(0)	(0)	30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	6.5	1.1	5.5
31	LEATHER AND LEATHER PRODUCTS. . . . .	13.4	2.4	11.0	31	LEATHER AND LEATHER PRODUCTS. . . . .	14.1	3.3	10.8
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	(0)	(0)	(0)	32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	20.9	4.0	16.9
33	PRIMARY METAL INDUSTRIES. . . . .	86.7	20.6	66.0	33	PRIMARY METAL INDUSTRIES. . . . .	36.3	10.3	26.0
34	FABRICATED METAL PRODUCTS. . . . .	89.5	28.5	61.1	34	FABRICATED METAL PRODUCTS. . . . .	54.1	14.9	39.2
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	150.9	44.6	106.3	35	MACHINERY, EXCEPT ELECTRICAL. . . . .	87.1	26.1	61.0
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	146.7	39.6	107.0	36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	13.0	2.7	10.3
37	TRANSPORTATION EQUIPMENT. . . . .	135.6	37.8	97.8	37	TRANSPORTATION EQUIPMENT. . . . .	54.4	27.2	27.2
38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	69.4	31.4	38.0	38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	16.2	6.7	9.5
39	MISC. MANUFACTURING INDUSTRIES. . . . .	33.1	11.6	21.6	39	MISC. MANUFACTURING INDUSTRIES. . . . .	(0)	(0)	(0)
19	ORDNANCE AND ACCESSORIES. . . . .	(0)	(0)	(0)	19	ORDNANCE AND ACCESSORIES. . . . .	(0)	(0)	(0)
	MAINE, TOTAL. . . . .	98.8	20.2	78.6		MAINE, TOTAL. . . . .	74.8	16.4	58.4
20	FOOD AND KINDRED PRODUCTS. . . . .	8.9	2.2	6.8	20	FOOD AND KINDRED PRODUCTS. . . . .	2.8	.6	2.3
22	TEXTILE MILL PRODUCTS. . . . .	4.3	.4	3.9	22	TEXTILE MILL PRODUCTS. . . . .	10.6	.9	9.7
23	APPAREL, OTHER TEXTILE PRODUCTS. . . . .	.4	(2)	.4	23	APPAREL, OTHER TEXTILE PRODUCTS. . . . .	.9	.2	.7
24	LUMBER AND WOOD PRODUCTS. . . . .	10.7	2.0	8.7	24	LUMBER AND WOOD PRODUCTS. . . . .	.1	(2)	.1
25	FURNITURE AND FIXTURES. . . . .	.6	.4	.2	25	FURNITURE AND FIXTURES. . . . .	.1	(2)	.1
26	PAPER AND ALLIED PRODUCTS. . . . .	42.0	4.9	37.1	26	PAPER AND ALLIED PRODUCTS. . . . .	1.9	.2	1.7
27	PRINTING AND PUBLISHING. . . . .	1.0	.2	.8	27	PRINTING AND PUBLISHING. . . . .	4.2	.9	3.3
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	2.1	.4	1.7	28	CHEMICALS AND ALLIED PRODUCTS. . . . .	9.3	4.7	4.6
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	4.0	.2	3.8	30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(0)	(0)	(0)
31	LEATHER AND LEATHER PRODUCTS. . . . .	3.0	.5	2.5	31	LEATHER AND LEATHER PRODUCTS. . . . .	(0)	(0)	(0)
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	1.2	.1	1.1	32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	3.6	1.6	2.0
33	PRIMARY METAL INDUSTRIES. . . . .	(0)	(0)	(0)	33	PRIMARY METAL INDUSTRIES. . . . .	14.9	2.1	12.8
34	FABRICATED METAL PRODUCTS. . . . .	1.0	.2	.8	34	FABRICATED METAL PRODUCTS. . . . .	4.3	.9	3.4
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	1.4	.4	1.0	35	MACHINERY, EXCEPT ELECTRICAL. . . . .	7.2	1.2	6.0
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	(0)	(0)	(0)	36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	3.6	1.1	2.5
37	TRANSPORTATION EQUIPMENT. . . . .	2.4	.7	1.7	37	TRANSPORTATION EQUIPMENT. . . . .	(0)	(0)	(0)
38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	(0)	(0)	(0)	38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	1.4	.2	1.2
39	MISC. MANUFACTURING INDUSTRIES. . . . .	.2	(2)	.1	39	MISC. MANUFACTURING INDUSTRIES. . . . .	5.2	1.3	3.9
19	ORDNANCE AND ACCESSORIES. . . . .	(0)	(0)	(0)	19	ORDNANCE AND ACCESSORIES. . . . .	(0)	(0)	(0)
	NEW HAMPSHIRE, TOTAL. . . . .	75.6	16.7	58.9		NEW HAMPSHIRE, TOTAL. . . . .	445.7	128.1	317.6
20	FOOD AND KINDRED PRODUCTS. . . . .	1.7	.4	1.3	20	FOOD AND KINDRED PRODUCTS. . . . .	9.1	2.3	6.8
22	TEXTILE MILL PRODUCTS. . . . .	6.0	2.5	3.5	22	TEXTILE MILL PRODUCTS. . . . .	(0)	(0)	(0)
23	APPAREL, OTHER TEXTILE PRODUCTS. . . . .	.4	.2	.2	23	APPAREL, OTHER TEXTILE PRODUCTS. . . . .	8.7	1.3	7.4
24	LUMBER AND WOOD PRODUCTS. . . . .	2.3	.3	2.0	24	LUMBER AND WOOD PRODUCTS. . . . .	1.7	.7	1.0
25	FURNITURE AND FIXTURES. . . . .	.5	.1	.3	25	FURNITURE AND FIXTURES. . . . .	.5	.1	.3
26	PAPER AND ALLIED PRODUCTS. . . . .	23.1	3.5	19.7	26	PAPER AND ALLIED PRODUCTS. . . . .	2.4	.7	1.7
27	PRINTING AND PUBLISHING. . . . .	1.8	.1	1.7	27	PRINTING AND PUBLISHING. . . . .	(0)	(0)	(0)
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	(0)	(0)	(0)	28	CHEMICALS AND ALLIED PRODUCTS. . . . .	11.9	2.3	9.6
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	4.1	1.6	2.5	30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	39.6	12.2	27.4
31	LEATHER AND LEATHER PRODUCTS. . . . .	3.3	.8	2.5	31	LEATHER AND LEATHER PRODUCTS. . . . .	1.0	.3	.7
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	1.5	.4	1.1	32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	(0)	(0)	(0)
33	PRIMARY METAL INDUSTRIES. . . . .	1.4	.2	1.2	33	PRIMARY METAL INDUSTRIES. . . . .	.2	(2)	.2
34	FABRICATED METAL PRODUCTS. . . . .	2.5	1.0	1.5	34	FABRICATED METAL PRODUCTS. . . . .	6.9	2.2	4.7
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	12.4	3.7	8.6	35	MACHINERY, EXCEPT ELECTRICAL. . . . .	43.2	12.4	30.8
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	9.9	.8	9.1	36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	45.2	16.1	.5
37	TRANSPORTATION EQUIPMENT. . . . .	.4	(2)	.4	37	TRANSPORTATION EQUIPMENT. . . . .	70.5	23.1	47.5
38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	1.0	.2	.7	38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	29.5	5.6	23.9
39	MISC. MANUFACTURING INDUSTRIES. . . . .	.8	(2)	.8	39	MISC. MANUFACTURING INDUSTRIES. . . . .	117.8	33.7	84.1
					38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	12.2	3.7	8.5
					39	MISC. MANUFACTURING INDUSTRIES. . . . .	10.7	3.5	7.2
					19	ORDNANCE AND ACCESSORIES. . . . .	6.6	.4	6.1

See footnotes at end of table.



**TABLE 4. Manufacturers' Expenditures for New Plant and Equipment, by Major Industry Groups, Divisions, and States: 1967—Continued**

(In millions of dollars)									
Code	Major industry group	Establishments in operation and under construction			Code	Major industry group	Establishments in operation and under construction		
		Total expenditures	New structures and additions to plant	New machinery and equipment			Total expenditures	New structures and additions to plant	New machinery and equipment
	MIDDLE ATLANTIC DIVISION: TOTAL. . . . .	3 768.0	1 022.5	2 745.5		EAST NORTH CENTRAL DIVISION: TOTAL. . . . .	6 058.6	1 537.9	4 520.7
20	FOOD AND KINDRED PRODUCTS. . . . .	292.7	71.9	220.8	20	FOOD AND KINDRED PRODUCTS. . . . .	469.8	139.4	330.4
21	TOBACCO MANUFACTURES. . . . .	5.4	1.8	3.5	21	TOBACCO MANUFACTURES. . . . .	(D)	(D)	(D)
22	TEXTILE MILL PRODUCTS. . . . .	72.3	17.2	55.2	22	TEXTILE MILL PRODUCTS. . . . .	16.2	4.1	12.1
23	APPAREL, OTHER TEXTILE PRODUCTS. . . . .	69.5	15.0	54.5	23	APPAREL, OTHER TEXTILE PRODUCTS. . . . .	23.2	6.8	16.4
24	LUMBER AND WOOD PRODUCTS. . . . .	19.4	5.0	14.4	24	LUMBER AND WOOD PRODUCTS. . . . .	33.4	10.0	23.4
25	FURNITURE AND FIXTURES. . . . .	47.4	24.6	22.8	25	FURNITURE AND FIXTURES. . . . .	46.6	19.3	27.4
26	PAPER AND ALLIED PRODUCTS. . . . .	185.0	34.9	150.1	26	PAPER AND ALLIED PRODUCTS. . . . .	285.9	61.9	223.9
27	PRINTING AND PUBLISHING. . . . .	196.6	46.1	150.5	27	PRINTING AND PUBLISHING. . . . .	215.2	56.8	158.4
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	416.7	119.0	297.8	28	CHEMICALS AND ALLIED PRODUCTS. . . . .	384.3	83.6	300.7
29	PETROLEUM AND COAL PRODUCTS. . . . .	95.7	68.0	27.6	29	PETROLEUM AND COAL PRODUCTS. . . . .	(D)	(D)	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	102.6	19.5	83.1	30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)
31	LEATHER AND LEATHER PRODUCTS. . . . .	11.0	2.4	8.5	31	LEATHER AND LEATHER PRODUCTS. . . . .	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	162.5	43.3	119.2	32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	207.0	47.9	159.2
33	PRIMARY METAL INDUSTRIES. . . . .	700.0	167.3	532.7	33	PRIMARY METAL INDUSTRIES. . . . .	1 351.0	262.8	1 088.2
34	FABRICATED METAL PRODUCTS. . . . .	213.5	62.7	150.8	34	FABRICATED METAL PRODUCTS. . . . .	454.5	103.2	351.2
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	338.7	77.0	261.0	35	MACHINERY, EXCEPT ELECTRICAL. . . . .	811.1	214.5	596.5
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	374.1	85.1	289.1	36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	429.3	131.5	297.8
37	TRANSPORTATION EQUIPMENT. . . . .	187.2	61.4	125.8	37	TRANSPORTATION EQUIPMENT. . . . .	811.9	199.3	612.6
38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	196.9	75.9	120.9	38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	52.3	17.8	34.5
39	MISC. MANUFACTURING INDUSTRIES. . . . .	67.6	20.6	47.0	39	MISC. MANUFACTURING INDUSTRIES. . . . .	42.9	14.1	28.8
19	ORDNANCE AND ACCESSORIES. . . . .	13.2	3.8	9.4	19	ORDNANCE AND ACCESSORIES. . . . .	(D)	(D)	(D)
	NEW YORK: TOTAL. . . . .	1 310.3	337.9	972.4		OHIO: TOTAL. . . . .	1 694.1	392.3	1 301.8
20	FOOD AND KINDRED PRODUCTS. . . . .	94.8	23.8	71.0	20	FOOD AND KINDRED PRODUCTS. . . . .	130.8	49.0	81.9
21	TOBACCO MANUFACTURES. . . . .	(D)	(D)	(D)	21	TOBACCO MANUFACTURES. . . . .	(D)	(D)	(D)
22	TEXTILE MILL PRODUCTS. . . . .	28.6	6.1	22.5	22	TEXTILE MILL PRODUCTS. . . . .	6.9	1.7	5.2
23	APPAREL, OTHER TEXTILE PRODUCTS. . . . .	37.2	7.3	29.9	23	APPAREL, OTHER TEXTILE PRODUCTS. . . . .	4.5	1.6	2.9
24	LUMBER AND WOOD PRODUCTS. . . . .	6.9	2.2	4.7	24	LUMBER AND WOOD PRODUCTS. . . . .	5.3	2.1	3.3
25	FURNITURE AND FIXTURES. . . . .	21.1	9.0	12.1	25	FURNITURE AND FIXTURES. . . . .	5.7	1.6	4.2
26	PAPER AND ALLIED PRODUCTS. . . . .	50.2	7.8	42.4	26	PAPER AND ALLIED PRODUCTS. . . . .	48.6	11.4	37.2
27	PRINTING AND PUBLISHING. . . . .	115.0	23.9	91.1	27	PRINTING AND PUBLISHING. . . . .	40.2	9.2	31.1
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	105.3	29.5	75.8	28	CHEMICALS AND ALLIED PRODUCTS. . . . .	111.8	26.3	85.5
29	PETROLEUM AND COAL PRODUCTS. . . . .	10.0	.9	9.1	29	PETROLEUM AND COAL PRODUCTS. . . . .	39.1	31.7	7.5
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	28.9	5.2	23.7	30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)
31	LEATHER AND LEATHER PRODUCTS. . . . .	5.4	1.0	4.5	31	LEATHER AND LEATHER PRODUCTS. . . . .	1.3	.9	.9
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	52.8	12.3	40.5	32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	72.1	17.5	54.7
33	PRIMARY METAL INDUSTRIES. . . . .	111.0	29.1	81.8	33	PRIMARY METAL INDUSTRIES. . . . .	430.4	55.8	374.6
34	FABRICATED METAL PRODUCTS. . . . .	60.5	18.5	42.0	34	FABRICATED METAL PRODUCTS. . . . .	133.7	28.4	105.3
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	132.5	29.4	103.1	35	MACHINERY, EXCEPT ELECTRICAL. . . . .	(D)	(D)	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	161.4	33.7	127.7	36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	119.7	38.5	81.3
37	TRANSPORTATION EQUIPMENT. . . . .	97.3	28.5	68.8	37	TRANSPORTATION EQUIPMENT. . . . .	202.7	37.3	165.4
38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	161.6	61.8	99.8	38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	4.7	1.3	3.4
39	MISC. MANUFACTURING INDUSTRIES. . . . .	25.3	7.4	17.9	39	MISC. MANUFACTURING INDUSTRIES. . . . .	9.7	2.5	7.2
19	ORDNANCE AND ACCESSORIES. . . . .	(D)	(D)	(D)	19	ORDNANCE AND ACCESSORIES. . . . .	(D)	(D)	(D)
	NEW JERSEY: TOTAL. . . . .	824.3	222.3	602.0		INDIANA: TOTAL. . . . .	1 004.4	266.2	738.2
20	FOOD AND KINDRED PRODUCTS. . . . .	100.4	24.4	76.0	20	FOOD AND KINDRED PRODUCTS. . . . .	59.7	18.6	41.1
21	TOBACCO MANUFACTURES. . . . .	(D)	(D)	(D)	21	TOBACCO MANUFACTURES. . . . .	(D)	(D)	(D)
22	TEXTILE MILL PRODUCTS. . . . .	15.6	2.8	12.8	22	TEXTILE MILL PRODUCTS. . . . .	.2	(2)	.1
23	APPAREL, OTHER TEXTILE PRODUCTS. . . . .	7.7	1.9	5.8	23	APPAREL, OTHER TEXTILE PRODUCTS. . . . .	1.7	.7	1.0
24	LUMBER AND WOOD PRODUCTS. . . . .	1.3	.3	1.1	24	LUMBER AND WOOD PRODUCTS. . . . .	5.4	1.6	3.8
25	FURNITURE AND FIXTURES. . . . .	5.0	2.9	2.2	25	FURNITURE AND FIXTURES. . . . .	10.9	4.3	6.7
26	PAPER AND ALLIED PRODUCTS. . . . .	32.9	6.4	26.4	26	PAPER AND ALLIED PRODUCTS. . . . .	19.0	3.7	15.4
27	PRINTING AND PUBLISHING. . . . .	32.1	9.9	22.3	27	PRINTING AND PUBLISHING. . . . .	22.7	6.0	16.7
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	226.3	70.8	155.5	28	CHEMICALS AND ALLIED PRODUCTS. . . . .	66.0	20.2	45.8
29	PETROLEUM AND COAL PRODUCTS. . . . .	28.9	20.3	8.6	29	PETROLEUM AND COAL PRODUCTS. . . . .	24.2	9.5	14.7
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	33.6	7.3	26.3	30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)
31	LEATHER AND LEATHER PRODUCTS. . . . .	1.8	.6	1.3	31	LEATHER AND LEATHER PRODUCTS. . . . .	.6	.3	.3
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	33.3	9.1	24.1	32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	29.5	7.8	21.6
33	PRIMARY METAL INDUSTRIES. . . . .	44.9	7.7	37.1	33	PRIMARY METAL INDUSTRIES. . . . .	417.0	104.3	312.7
34	FABRICATED METAL PRODUCTS. . . . .	48.6	10.9	37.6	34	FABRICATED METAL PRODUCTS. . . . .	43.2	10.8	32.4
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	63.0	13.9	49.1	35	MACHINERY, EXCEPT ELECTRICAL. . . . .	68.6	18.1	50.5
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	84.8	16.5	68.3	36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	91.4	32.3	59.1
37	TRANSPORTATION EQUIPMENT. . . . .	19.8	2.5	17.3	37	TRANSPORTATION EQUIPMENT. . . . .	104.6	18.2	86.3
38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	14.9	4.3	10.6	38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	6.5	2.4	4.2
39	MISC. MANUFACTURING INDUSTRIES. . . . .	25.1	8.2	16.9	39	MISC. MANUFACTURING INDUSTRIES. . . . .	3.4	1.4	2.1
19	ORDNANCE AND ACCESSORIES. . . . .	(D)	(D)	(D)	19	ORDNANCE AND ACCESSORIES. . . . .	(D)	(D)	(D)
	PENNSYLVANIA: TOTAL. . . . .	1 633.4	462.3	1 171.1		ILLINOIS: TOTAL. . . . .	1 493.4	412.2	1 081.2
20	FOOD AND KINDRED PRODUCTS. . . . .	97.4	23.6	73.8	20	FOOD AND KINDRED PRODUCTS. . . . .	167.8	46.2	121.6
21	TOBACCO MANUFACTURES. . . . .	(D)	(D)	(D)	21	TOBACCO MANUFACTURES. . . . .	(D)	(D)	(D)
22	TEXTILE MILL PRODUCTS. . . . .	28.2	8.3	19.9	22	TEXTILE MILL PRODUCTS. . . . .	2.0	.6	1.3
23	APPAREL, OTHER TEXTILE PRODUCTS. . . . .	24.6	5.8	18.8	23	APPAREL, OTHER TEXTILE PRODUCTS. . . . .	5.5	1.2	4.3
24	LUMBER AND WOOD PRODUCTS. . . . .	11.1	2.5	8.6	24	LUMBER AND WOOD PRODUCTS. . . . .	6.4	2.2	4.2
25	FURNITURE AND FIXTURES. . . . .	21.3	12.7	8.5	25	FURNITURE AND FIXTURES. . . . .	12.9	6.5	6.4
26	PAPER AND ALLIED PRODUCTS. . . . .	102.0	20.7	81.3	26	PAPER AND ALLIED PRODUCTS. . . . .	48.3	13.8	34.4
27	PRINTING AND PUBLISHING. . . . .	49.5	12.3	37.2	27	PRINTING AND PUBLISHING. . . . .	96.3	26.3	70.0
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	85.2	18.7	66.5	28	CHEMICALS AND ALLIED PRODUCTS. . . . .	117.0	21.3	95.7
29	PETROLEUM AND COAL PRODUCTS. . . . .	56.8	46.8	10.0	29	PETROLEUM AND COAL PRODUCTS. . . . .	(D)	(D)	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	40.1	7.0	33.1	30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)
31	LEATHER AND LEATHER PRODUCTS. . . . .	3.7	.9	2.8	31	LEATHER AND LEATHER PRODUCTS. . . . .	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	76.4	21.8	54.5	32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	33.0	6.8	26.2
33	PRIMARY METAL INDUSTRIES. . . . .	544.2	130.4	413.7	33	PRIMARY METAL INDUSTRIES. . . . .	248.1	44.9	203.2
34	FABRICATED METAL PRODUCTS. . . . .	104.5	33.3	71.1	34	FABRICATED METAL PRODUCTS. . . . .	115.6	24.0	91.7
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	143.2	33.7	109.5	35	MACHINERY, EXCEPT ELECTRICAL. . . . .	(D)	(D)	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	128.0	35.0	93.0	36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	137.3	37.0	100.3
37	TRANSPORTATION EQUIPMENT. . . . .	70.2	30.4	39.7	37	TRANSPORTATION EQUIPMENT. . . . .	43.3	13.8	29.5
38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	20.4	9.9	10.6	38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	31.1	11.7	19.4
39	MISC. MANUFACTURING INDUSTRIES. . . . .	17.2	5.0	12.2	39	MISC. MANUFACTURING INDUSTRIES. . . . .	18.3	5.7	12.6
19	ORDNANCE AND ACCESSORIES. . . . .	(D)	(D)	(D)	19	ORDNANCE AND ACCESSORIES. . . . .	(D)	(D)	(D)

See footnotes at end of table.



TABLE 4. Manufacturers' Expenditures for New Plant and Equipment, by Major Industry Groups, Divisions, and States: 1967—Continued

(In millions of dollars)									
Code	Major industry group	Establishments in operation and under construction			Code	Major industry group	Establishments in operation and under construction		
		Total expenditures	New structures and additions to plant	New machinery and equipment			Total expenditures	New structures and additions to plant	New machinery and equipment
	MICHIGAN, TOTAL . . . . .	1 360.2	336.5	1 023.7		IDWA, TOTAL . . . . .	230.7	64.7	166.0
20	FOOD AND KINDRED PRODUCTS . . . . .	52.1	10.4	41.7	20	FOOD AND KINDRED PRODUCTS . . . . .	47.1	12.6	34.5
21	TOBACCO MANUFACTURES . . . . .	(D)	(D)	(D)	22	TEXTILE MILL PRODUCTS . . . . .	(2)	-	(2)
22	TEXTILE MILL PRODUCTS . . . . .	3.7	.9	2.9	23	APPAREL, OTHER TEXTILE PRODUCTS . . . . .	(D)	(D)	(D)
23	APPAREL, OTHER TEXTILE PRODUCTS . . . . .	10.6	2.9	7.7	24	LUMBER AND WOOD PRODUCTS . . . . .	1.7	.7	1.0
24	LUMBER AND WOOD PRODUCTS . . . . .	8.2	1.9	6.3	25	FURNITURE AND FIXTURES . . . . .	1.2	.4	.8
25	FURNITURE AND FIXTURES . . . . .	15.0	6.6	8.4	26	PAPER AND ALLIED PRODUCTS . . . . .	15.2	3.6	2.9
26	PAPER AND ALLIED PRODUCTS . . . . .	60.5	12.7	47.8	27	PRINTING AND PUBLISHING . . . . .	11.0	2.6	8.4
27	PRINTING AND PUBLISHING . . . . .	32.3	9.9	22.4	28	CHEMICALS AND ALLIED PRODUCTS . . . . .	(2)	(2)	(2)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	78.0	13.6	64.4	29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(D)	(D)	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(D)	(D)	(D)	31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)
31	LEATHER AND LEATHER PRODUCTS . . . . .	1.3	.2	1.1	32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	14.1	3.3	10.8
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	59.4	12.4	47.0	33	PRIMARY METAL INDUSTRIES . . . . .	13.0	3.2	9.7
33	PRIMARY METAL INDUSTRIES . . . . .	219.1	50.7	168.4	34	FABRICATED METAL PRODUCTS . . . . .	11.2	4.2	7.0
34	FABRICATED METAL PRODUCTS . . . . .	126.4	31.8	94.7	35	MACHINERY, EXCEPT ELECTRICAL . . . . .	69.6	17.0	52.5
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	170.9	42.2	128.8	36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	15.2	4.1	11.1
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	39.0	8.6	30.3	37	TRANSPORTATION EQUIPMENT . . . . .	7.6	3.8	3.8
37	TRANSPORTATION EQUIPMENT . . . . .	443.9	124.4	319.4	38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	1.4	.5	.9
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	4.8	1.0	3.7	39	MISC. MANUFACTURING INDUSTRIES . . . . .	3.0	1.0	2.1
39	MISC. MANUFACTURING INDUSTRIES . . . . .	5.6	2.0	3.6	19	ORDNANCE AND ACCESSORIES . . . . .	(D)	(D)	(D)
19	ORDNANCE AND ACCESSORIES . . . . .	(D)	(D)	(D)					
	WISCONSIN, TOTAL . . . . .	506.6	130.7	375.9		MISSOURI, TOTAL . . . . .	346.8	97.7	249.1
20	FOOD AND KINDRED PRODUCTS . . . . .	59.5	15.3	44.1	20	FOOD AND KINDRED PRODUCTS . . . . .	41.5	9.3	32.2
21	TOBACCO MANUFACTURES . . . . .	3.5	.9	2.6	21	TOBACCO MANUFACTURES . . . . .	(D)	(D)	(D)
22	TEXTILE MILL PRODUCTS . . . . .	.8	.4	.4	22	TEXTILE MILL PRODUCTS . . . . .	.5	.1	.4
23	APPAREL, OTHER TEXTILE PRODUCTS . . . . .	8.0	2.2	5.8	23	APPAREL, OTHER TEXTILE PRODUCTS . . . . .	3.2	.6	2.6
24	LUMBER AND WOOD PRODUCTS . . . . .	2.1	.3	1.7	24	LUMBER AND WOOD PRODUCTS . . . . .	2.7	.6	2.1
25	FURNITURE AND FIXTURES . . . . .	109.5	20.4	89.1	25	FURNITURE AND FIXTURES . . . . .	1.4	.6	.8
26	PAPER AND ALLIED PRODUCTS . . . . .	23.6	5.4	18.3	26	PAPER AND ALLIED PRODUCTS . . . . .	11.5	2.5	9.0
27	PRINTING AND PUBLISHING . . . . .	11.5	2.3	9.3	27	PRINTING AND PUBLISHING . . . . .	24.2	4.3	19.9
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	28	CHEMICALS AND ALLIED PRODUCTS . . . . .	47.4	14.6	32.9
29	PETROLEUM AND COAL PRODUCTS . . . . .	8.2	2.1	6.1	29	PETROLEUM AND COAL PRODUCTS . . . . .	2.5	.3	2.2
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	5.3	1.4	3.9	30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(D)	(D)	(D)
31	LEATHER AND LEATHER PRODUCTS . . . . .	13.1	3.4	9.7	31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	36.3	7.0	29.3	32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	25.0	5.5	19.6
33	PRIMARY METAL INDUSTRIES . . . . .	35.5	8.3	27.2	33	PRIMARY METAL INDUSTRIES . . . . .	38.4	9.8	28.5
34	FABRICATED METAL PRODUCTS . . . . .	117.6	36.2	81.4	34	FABRICATED METAL PRODUCTS . . . . .	21.8	5.8	15.9
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	42.0	15.1	26.9	35	MACHINERY, EXCEPT ELECTRICAL . . . . .	34.8	11.0	23.9
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	17.5	5.4	12.0	36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	28.7	9.2	19.5
37	TRANSPORTATION EQUIPMENT . . . . .	5.2	1.3	3.9	37	TRANSPORTATION EQUIPMENT . . . . .	36.6	14.0	22.6
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	5.8	2.5	3.3	38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	1.5	.3	1.2
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	39	MISC. MANUFACTURING INDUSTRIES . . . . .	1.9	.7	1.3
19	ORDNANCE AND ACCESSORIES . . . . .	(D)	(D)	(D)	19	ORDNANCE AND ACCESSORIES . . . . .	4.2	1.9	2.3
	WEST NORTH CENTRAL DIVISION, TOTAL . . . . .	1 050.6	293.9	756.7		NORTH OAKDA, TOTAL . . . . .	6.3	2.5	3.8
20	FOOD AND KINDRED PRODUCTS . . . . .	188.5	47.4	141.1	20	FOOD AND KINDRED PRODUCTS . . . . .	2.4	.5	1.9
21	TOBACCO MANUFACTURES . . . . .	(D)	(D)	(D)	29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)
22	TEXTILE MILL PRODUCTS . . . . .	1.9	.2	1.7	32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	.5	.2	.4
23	APPAREL, OTHER TEXTILE PRODUCTS . . . . .	6.1	1.3	4.8	34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)
24	LUMBER AND WOOD PRODUCTS . . . . .	10.0	2.7	7.3	35	MACHINERY, EXCEPT ELECTRICAL . . . . .	1.1	.6	.5
25	FURNITURE AND FIXTURES . . . . .	5.9	2.8	3.1	39	MISC. MANUFACTURING INDUSTRIES . . . . .	(2)	(2)	(2)
26	PAPER AND ALLIED PRODUCTS . . . . .	47.6	13.0	34.6					
27	PRINTING AND PUBLISHING . . . . .	61.7	13.3	48.4		SDUTH DAKOTA, TOTAL . . . . .	8.2	2.2	6.0
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	104.6	34.9	69.6					
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	20	FOOD AND KINDRED PRODUCTS . . . . .	3.5	.8	2.7
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(D)	(D)	(D)	23	APPAREL, OTHER TEXTILE PRODUCTS . . . . .	(D)	(D)	(D)
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	24	LUMBER AND WOOD PRODUCTS . . . . .	.5	.1	.4
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	58.9	12.7	46.2	27	PRINTING AND PUBLISHING . . . . .	.7	.1	.6
33	PRIMARY METAL INDUSTRIES . . . . .	64.1	16.1	47.9	32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)
34	FABRICATED METAL PRODUCTS . . . . .	56.5	15.8	40.7	33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	166.1	47.3	118.8	34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	84.6	25.1	59.6	35	MACHINERY, EXCEPT ELECTRICAL . . . . .	.5	.1	.4
37	TRANSPORTATION EQUIPMENT . . . . .	75.7	24.8	50.9	36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	.2	(2)	.2
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	13.6	5.2	8.4	37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	12.6	5.5	7.1	39	MISC. MANUFACTURING INDUSTRIES . . . . .	(2)	(2)	(2)
19	ORDNANCE AND ACCESSORIES . . . . .	14.9	3.6	11.3					
	MINNESOTA, TOTAL . . . . .	231.3	57.1	174.2		NEBRASKA, TOTAL . . . . .	71.4	21.9	49.4
20	FOOD AND KINDRED PRODUCTS . . . . .	43.7	9.5	34.3	20	FOOD AND KINDRED PRODUCTS . . . . .	27.4	9.3	18.1
21	TOBACCO MANUFACTURES . . . . .	1.4	.1	1.3	23	APPAREL, OTHER TEXTILE PRODUCTS . . . . .	.1	(2)	.1
22	TEXTILE MILL PRODUCTS . . . . .	1.0	.2	.8	24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)
23	APPAREL, OTHER TEXTILE PRODUCTS . . . . .	4.1	1.1	3.1	25	FURNITURE AND FIXTURES . . . . .	1.1	.8	.3
24	LUMBER AND WOOD PRODUCTS . . . . .	1.2	.4	.9	26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)
25	FURNITURE AND FIXTURES . . . . .	24.2	5.4	18.8	27	PRINTING AND PUBLISHING . . . . .	3.5	.5	3.0
26	PAPER AND ALLIED PRODUCTS . . . . .	11.8	3.5	8.3	28	CHEMICALS AND ALLIED PRODUCTS . . . . .	4.8	1.5	3.3
27	PRINTING AND PUBLISHING . . . . .	13.8	2.4	11.4	29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	10.7	1.0	9.7	30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	3.2	.4	2.8
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	31	LEATHER AND LEATHER PRODUCTS . . . . .	3.2	.6	2.6
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(D)	(D)	(D)	32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	1.9	.4	1.5
31	LEATHER AND LEATHER PRODUCTS . . . . .	6.6	1.2	5.4	33	PRIMARY METAL INDUSTRIES . . . . .	4.0	.7	3.3
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	7.6	2.2	5.4	34	FABRICATED METAL PRODUCTS . . . . .	7.0	2.9	4.1
33	PRIMARY METAL INDUSTRIES . . . . .	14.2	3.2	11.0	35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)
34	FABRICATED METAL PRODUCTS . . . . .	43.1	12.3	30.8	36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	1.5	.3	1.2
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	19.0	4.8	14.2	37	TRANSPORTATION EQUIPMENT . . . . .	4.4	2.1	2.3
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	6.0	1.8	4.2	39	MISC. MANUFACTURING INDUSTRIES . . . . .	1.1	.5	.6
37	TRANSPORTATION EQUIPMENT . . . . .	5.7	2.1	3.6	19	ORDNANCE AND ACCESSORIES . . . . .	(D)	(D)	(D)
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	5.3	2.5	2.7					
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)					
19	ORDNANCE AND ACCESSORIES . . . . .	(D)	(D)	(D)					

See footnotes at end of table.



TABLE 4. **Manufacturers' Expenditures for New Plant and Equipment, by Major Industry Groups, Divisions, and States: 1967—Continued**

(In millions of dollars)

Code	Major industry group	Establishments in operation and under construction			Code	Major industry group	Establishments in operation and under construction		
		Total expenditures	New structures and additions to plant	New machinery and equipment			Total expenditures	New structures and additions to plant	New machinery and equipment
	KANSAS, TOTAL . . . . .	155.9	47.7	108.2		DISTRICT OF COLUMBIA, TOTAL . . . .	17.0	9.4	7.6
20	FOOD AND KINDRED PRODUCTS . . . . .	22.9	5.5	17.4	20	FOOD AND KINDRED PRODUCTS . . . . .	1.6	.2	1.4
23	APPAREL, OTHER TEXTILE PRODUCTS . . . .	.6	.2	.4	24	LUMBER AND WOOD PRODUCTS . . . . .	(2)	(2)	(2)
24	LUMBER AND WOOD PRODUCTS . . . . .	.6	.1	.5	26	PAPER AND ALLIED PRODUCTS . . . . .	(0)	(0)	(0)
25	FURNITURE AND FIXTURES . . . . .	.9	.6	.3	27	PRINTING AND PUBLISHING . . . . .	14.4	8.9	5.4
26	PAPER AND ALLIED PRODUCTS . . . . .	3.6	.9	2.8	28	CHEMICALS AND ALLIED PRODUCTS . . . .	(0)	(0)	(0)
27	PRINTING AND PUBLISHING . . . . .	9.9	2.3	7.7	32	STONE, CLAY, AND GLASS PRODUCTS . . .	.6	.2	.4
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	23.3	12.8	10.5	34	FABRICATED METAL PRODUCTS . . . . .	.1	(2)	.1
29	PETROLEUM AND COAL PRODUCTS . . . . .	10.7	5.8	4.9	35	MACHINERY, EXCEPT ELECTRICAL . . . .	(2)	(2)	(2)
30	RUBBER AND PLASTICS PRODUCTS, NEC . .	(0)	(0)	(0)	39	MISC. MANUFACTURING INDUSTRIES . . .	(2)	(2)	(2)
31	LEATHER AND LEATHER PRODUCTS . . . .	(0)	(0)	(0)					
32	STONE, CLAY, AND GLASS PRODUCTS . . .	8.0	1.2	6.8		VIRGINIA, TOTAL . . . . .	347.0	82.9	264.1
33	PRIMARY METAL INDUSTRIES . . . . .	(0)	(0)	(0)	20	FOOD AND KINDRED PRODUCTS . . . . .	24.4	6.3	18.0
34	FABRICATED METAL PRODUCTS . . . . .	5.0	1.8	3.3	21	TOBACCO MANUFACTURES . . . . .	17.9	2.8	15.1
35	MACHINERY, EXCEPT ELECTRICAL . . . .	10.0	3.4	6.7	22	TEXTILE MILL PRODUCTS . . . . .	25.6	5.1	20.5
36	ELECTRICAL EQUIP. AND SUPPLIES . . . .	(0)	(0)	(0)	23	APPAREL, OTHER TEXTILE PRODUCTS . . .	9.2	3.3	5.9
37	TRANSPORTATION EQUIPMENT . . . . .	22.8	4.0	18.9	24	LUMBER AND WOOD PRODUCTS . . . . .	12.4	1.8	10.6
38	INSTRUMENTS AND RELATED PRODUCTS . .	.6	.2	.4	25	FURNITURE AND FIXTURES . . . . .	9.1	2.4	6.7
39	MISC. MANUFACTURING INDUSTRIES . . . .	1.3	.8	.4	26	PAPER AND ALLIED PRODUCTS . . . . .	28.6	8.3	20.3
19	ORDNANCE AND ACCESSORIES . . . . .	3.3	(2)	3.3	27	PRINTING AND PUBLISHING . . . . .	7.8	3.0	4.8
	SOUTH ATLANTIC DIVISION, TOTAL . . . .	2 805.7	660.9	2 144.9	28	CHEMICALS AND ALLIED PRODUCTS . . . .	103.3	17.6	85.7
20	FOOD AND KINDRED PRODUCTS . . . . .	205.2	61.1	144.1	29	PETROLEUM AND COAL PRODUCTS . . . . .	(0)	(0)	(0)
21	TOBACCO MANUFACTURES . . . . .	35.3	7.6	27.8	30	RUBBER AND PLASTICS PRODUCTS, NEC . .	32.7	7.4	25.3
22	TEXTILE MILL PRODUCTS . . . . .	528.0	120.3	407.8	31	LEATHER AND LEATHER PRODUCTS . . . .	.5	(2)	.5
23	APPAREL, OTHER TEXTILE PRODUCTS . . . .	47.4	15.7	31.7	32	STONE, CLAY, AND GLASS PRODUCTS . . .	16.5	4.9	11.6
24	LUMBER AND WOOD PRODUCTS . . . . .	76.5	15.5	61.1	33	PRIMARY METAL INDUSTRIES . . . . .	6.5	1.5	5.1
25	FURNITURE AND FIXTURES . . . . .	53.4	22.1	31.3	34	FABRICATED METAL PRODUCTS . . . . .	13.7	3.8	9.9
26	PAPER AND ALLIED PRODUCTS . . . . .	228.9	48.9	180.0	35	MACHINERY, EXCEPT ELECTRICAL . . . .	8.2	2.8	5.3
27	PRINTING AND PUBLISHING . . . . .	89.3	33.5	55.9	36	ELECTRICAL EQUIP. AND SUPPLIES . . . .	13.0	4.2	8.8
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	668.6	111.2	557.3	37	TRANSPORTATION EQUIPMENT . . . . .	13.5	7.0	6.5
29	PETROLEUM AND COAL PRODUCTS . . . . .	8.6	1.6	7.0	38	INSTRUMENTS AND RELATED PRODUCTS . .	.6	.1	.4
30	RUBBER AND PLASTICS PRODUCTS, NEC . .	90.0	20.5	69.5	39	MISC. MANUFACTURING INDUSTRIES . . . .	(0)	(0)	(0)
31	LEATHER AND LEATHER PRODUCTS . . . .	5.0	1.4	3.5	19	ORDNANCE AND ACCESSORIES . . . . .	(0)	(0)	(0)
32	STONE, CLAY, AND GLASS PRODUCTS . . .	144.0	29.3	114.7					
33	PRIMARY METAL INDUSTRIES . . . . .	203.1	43.8	159.3		WEST VIRGINIA, TOTAL . . . . .	269.0	24.5	244.5
34	FABRICATED METAL PRODUCTS . . . . .	72.5	19.1	53.4	20	FOOD AND KINDRED PRODUCTS . . . . .	5.3	.6	4.7
35	MACHINERY, EXCEPT ELECTRICAL . . . .	84.1	29.2	54.9	21	TOBACCO MANUFACTURES . . . . .	(0)	(0)	(0)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . .	120.2	34.6	85.7	22	TEXTILE MILL PRODUCTS . . . . .	.4	(2)	.4
37	TRANSPORTATION EQUIPMENT . . . . .	86.8	29.1	57.7	23	APPAREL, OTHER TEXTILE PRODUCTS . . .	.7	.2	.5
38	INSTRUMENTS AND RELATED PRODUCTS . .	24.7	5.5	19.2	24	LUMBER AND WOOD PRODUCTS . . . . .	3.8	.6	3.2
39	MISC. MANUFACTURING INDUSTRIES . . . .	23.0	7.5	15.6	25	FURNITURE AND FIXTURES . . . . .	.3	.1	.2
19	ORDNANCE AND ACCESSORIES . . . . .	11.3	3.6	7.7	26	PAPER AND ALLIED PRODUCTS . . . . .	.7	.2	.5
	DELAWARE, TOTAL . . . . .	115.9	28.0	87.9	27	PRINTING AND PUBLISHING . . . . .	6.4	1.3	5.2
20	FOOD AND KINDRED PRODUCTS . . . . .	8.2	1.8	6.5	28	CHEMICALS AND ALLIED PRODUCTS . . . .	148.4	11.2	137.2
22	TEXTILE MILL PRODUCTS . . . . .	.5	.1	.4	29	PETROLEUM AND COAL PRODUCTS . . . . .	.6	.1	.6
23	APPAREL, OTHER TEXTILE PRODUCTS . . . .	1.3	.2	1.2	30	RUBBER AND PLASTICS PRODUCTS, NEC . .	(0)	(0)	(0)
24	LUMBER AND WOOD PRODUCTS . . . . .	.2	.1	.2	31	LEATHER AND LEATHER PRODUCTS . . . .	(0)	(0)	(0)
25	FURNITURE AND FIXTURES . . . . .	.1	(2)	.1	32	STONE, CLAY, AND GLASS PRODUCTS . . .	13.4	1.8	11.6
26	PAPER AND ALLIED PRODUCTS . . . . .	(0)	(0)	(0)	33	PRIMARY METAL INDUSTRIES . . . . .	67.6	5.3	62.3
27	PRINTING AND PUBLISHING . . . . .	1.7	.5	1.2	34	FABRICATED METAL PRODUCTS . . . . .	6.2	1.6	4.6
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	(0)	(0)	(0)	35	MACHINERY, EXCEPT ELECTRICAL . . . .	2.9	.6	2.4
29	PETROLEUM AND COAL PRODUCTS . . . . .	(0)	(0)	(0)	36	ELECTRICAL EQUIP. AND SUPPLIES . . . .	9.4	.5	8.9
30	RUBBER AND PLASTICS PRODUCTS, NEC . .	6.9	1.7	5.2	37	TRANSPORTATION EQUIPMENT . . . . .	(0)	(0)	(0)
31	LEATHER AND LEATHER PRODUCTS . . . .	1.2	.5	.7	38	INSTRUMENTS AND RELATED PRODUCTS . .	(2)	(2)	(2)
32	STONE, CLAY, AND GLASS PRODUCTS . . .	.7	.2	.5	39	MISC. MANUFACTURING INDUSTRIES . . . .	.2	.1	.2
33	PRIMARY METAL INDUSTRIES . . . . .	(0)	(0)	(0)	19	ORDNANCE AND ACCESSORIES . . . . .	(0)	(0)	(0)
34	FABRICATED METAL PRODUCTS . . . . .	1.6	.8	.8					
35	MACHINERY, EXCEPT ELECTRICAL . . . .	.7	.3	.5		NORTH CAROLINA, TOTAL . . . . .	664.6	178.8	485.8
36	ELECTRICAL EQUIP. AND SUPPLIES . . . .	.4	.2	.2	20	FOOD AND KINDRED PRODUCTS . . . . .	34.6	11.3	23.3
37	TRANSPORTATION EQUIPMENT . . . . .	(0)	(0)	(0)	21	TOBACCO MANUFACTURES . . . . .	15.9	4.4	11.4
38	INSTRUMENTS AND RELATED PRODUCTS . .	.4	.1	.3	22	TEXTILE MILL PRODUCTS . . . . .	227.7	53.9	173.8
39	MISC. MANUFACTURING INDUSTRIES . . . .	(2)	(2)	(2)	23	APPAREL, OTHER TEXTILE PRODUCTS . . .	13.5	6.1	7.4
	MARYLAND, TOTAL . . . . .	251.6	56.8	194.7	24	LUMBER AND WOOD PRODUCTS . . . . .	18.9	5.4	13.5
20	FOOD AND KINDRED PRODUCTS . . . . .	30.9	6.8	24.2	25	FURNITURE AND FIXTURES . . . . .	34.3	16.3	18.0
22	TEXTILE MILL PRODUCTS . . . . .	1.5	.2	1.3	26	PAPER AND ALLIED PRODUCTS . . . . .	43.7	4.8	39.0
23	APPAREL, OTHER TEXTILE PRODUCTS . . . .	3.6	1.2	2.5	27	PRINTING AND PUBLISHING . . . . .	7.9	1.8	6.1
24	LUMBER AND WOOD PRODUCTS . . . . .	2.2	.4	1.8	28	CHEMICALS AND ALLIED PRODUCTS . . . .	99.9	21.0	78.8
25	FURNITURE AND FIXTURES . . . . .	1.7	1.0	.7	29	PETROLEUM AND COAL PRODUCTS . . . . .	(0)	(0)	(0)
26	PAPER AND ALLIED PRODUCTS . . . . .	18.6	1.7	17.0	30	RUBBER AND PLASTICS PRODUCTS, NEC . .	22.3	5.5	16.8
27	PRINTING AND PUBLISHING . . . . .	16.5	6.1	10.4	31	LEATHER AND LEATHER PRODUCTS . . . .	.5	.1	.4
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	28.5	5.0	23.5	32	STONE, CLAY, AND GLASS PRODUCTS . . .	30.9	8.9	22.1
29	PETROLEUM AND COAL PRODUCTS . . . . .	(0)	(0)	(0)	33	PRIMARY METAL INDUSTRIES . . . . .	17.8	5.9	11.9
30	RUBBER AND PLASTICS PRODUCTS, NEC . .	6.5	1.2	5.3	34	FABRICATED METAL PRODUCTS . . . . .	10.0	3.1	7.0
31	LEATHER AND LEATHER PRODUCTS . . . .	.9	(2)	.9	35	MACHINERY, EXCEPT ELECTRICAL . . . .	27.0	12.6	14.3
32	STONE, CLAY, AND GLASS PRODUCTS . . .	9.2	2.2	7.0	36	ELECTRICAL EQUIP. AND SUPPLIES . . . .	32.9	10.6	22.3
33	PRIMARY METAL INDUSTRIES . . . . .	64.1	16.9	47.2	37	TRANSPORTATION EQUIPMENT . . . . .	2.6	.4	2.3
34	FABRICATED METAL PRODUCTS . . . . .	12.3	3.2	9.1	38	INSTRUMENTS AND RELATED PRODUCTS . .	14.7	2.0	12.7
35	MACHINERY, EXCEPT ELECTRICAL . . . .	12.8	1.6	11.2	39	MISC. MANUFACTURING INDUSTRIES . . . .	7.9	3.9	4.0
36	ELECTRICAL EQUIP. AND SUPPLIES . . . .	21.9	5.9	15.9	19	ORDNANCE AND ACCESSORIES . . . . .	(0)	(0)	(0)
37	TRANSPORTATION EQUIPMENT . . . . .	14.0	2.2	11.8					
38	INSTRUMENTS AND RELATED PRODUCTS . .	1.0	.2	.8		SOUTH CAROLINA, TOTAL . . . . .	416.6	96.1	320.5
39	MISC. MANUFACTURING INDUSTRIES . . . .	3.2	1.1	2.1	20	FOOD AND KINDRED PRODUCTS . . . . .	9.6	4.2	5.4
19	ORDNANCE AND ACCESSORIES . . . . .	(0)	(0)	(0)	21	TOBACCO MANUFACTURES . . . . .	.4	(2)	.4
					22	TEXTILE MILL PRODUCTS . . . . .	153.5	32.3	121.2

See footnotes at end of table.

TABLE 4. Manufacturers' Expenditures for New Plant and Equipment, by Major Industry Groups, Divisions, and States: 1967—Continued

(In millions of dollars)									
Code	Major industry group	Establishments in operation and under construction			Code	Major industry group	Establishments in operation and under construction		
		Total expenditures	New structures and additions to plant	New machinery and equipment			Total expenditures	New structures and additions to plant	New machinery and equipment
	SOUTH CAROLINA--CONTINUED					KENTUCKY, TDIAL . . . . .	338.3	79.5	258.7
23	APPAREL, OTHER TEXTILE PRODUCTS. . .	7.2	1.2	6.0	20	FOOD AND KINDRED PRODUCTS. . . . .	32.7	12.7	20.0
24	LUMBER AND WOOD PRODUCTS. . . . .	7.5	1.7	5.8	21	TOBACCO MANUFACTURES. . . . .	(D)	(D)	(D)
25	FURNITURE AND FIXTURES. . . . .	1.9	.4	1.5	22	TEXTILE MILL PRODUCTS. . . . .	1.8	.5	1.3
26	PAPER AND ALLIED PRODUCTS. . . . .	46.2	18.9	27.3	23	APPAREL, OTHER TEXTILE PRODUCTS. . .	2.7	.8	2.0
27	PRINTING AND PUBLISHING. . . . .	3.8	2.2	1.7	24	LUMBER AND WOOD PRODUCTS. . . . .	3.7	1.0	2.7
28	CHEMICALS AND ALLIED PRODUCTS. . . .	121.7	20.1	101.6	25	FURNITURE AND FIXTURES. . . . .	2.8	1.6	1.2
29	PETROLEUM AND COAL PRODUCTS. . . . .	(D)	(D)	(D)	26	PAPER AND ALLIED PRODUCTS. . . . .	6.7	1.9	4.8
30	RUBBER AND PLASTICS PRODUCTS, NEC. .	8.0	1.2	6.8	27	PRINTING AND PUBLISHING. . . . .	7.3	2.1	5.2
31	STONE, CLAY, AND GLASS PRODUCTS. . .	17.6	3.1	14.5	28	CHEMICALS AND ALLIED PRODUCTS. . . .	79.7	15.4	64.4
32	PRIMARY METAL INDUSTRIES. . . . .	(O)	(D)	(O)	29	PETROLEUM AND COAL PRODUCTS. . . . .	(D)	(O)	(O)
33	FABRICATED METAL PRODUCTS. . . . .	4.9	1.5	3.3	30	RUBBER AND PLASTICS PRODUCTS, NEC. .	14.6	2.9	11.6
34	MACHINERY, EXCEPT ELECTRICAL. . . .	9.6	3.0	6.7	31	LEATHER AND LEATHER PRODUCTS. . . .	(O)	(D)	(D)
35	ELECTRICAL EQUIP. AND SUPPLIES. . . .	12.5	3.3	9.1	32	STONE, CLAY, AND GLASS PRODUCTS. . .	(O)	(D)	(D)
36	TRANSPORTATION EQUIPMENT. . . . .	.5	.2	.4	33	PRIMARY METAL INDUSTRIES. . . . .	68.2	6.3	61.9
37	INSTRUMENTS AND RELATED PRODUCTS. . .	(D)	(O)	(D)	34	FABRICATED METAL PRODUCTS. . . . .	17.3	4.5	12.8
38	MISC. MANUFACTURING INDUSTRIES. . . .	4.5	.7	3.8	35	MACHINERY, EXCEPT ELECTRICAL. . . .	24.8	5.8	19.0
					36	ELECTRICAL EQUIP. AND SUPPLIES. . . .	36.5	9.8	26.7
					37	TRANSPORTATION EQUIPMENT. . . . .	9.2	6.1	3.1
					38	INSTRUMENTS AND RELATED PRODUCTS. . .	.8	.4	.4
					39	MISC. MANUFACTURING INDUSTRIES. . . .	3.3	1.2	2.2
	GEORGIA, TDIAL . . . . .	423.3	116.2	307.0					
						TENNESSEE, TOTAL . . . . .	412.4	102.8	309.6
20	FOOD AND KINDRED PRODUCTS. . . . .	43.9	14.4	29.5	20	FOOD AND KINDRED PRODUCTS. . . . .	28.5	8.7	19.8
21	TOBACCO MANUFACTURES. . . . .	(D)	(D)	(D)	21	TOBACCO MANUFACTURES. . . . .	.3	(2)	.3
22	TEXTILE MILL PRODUCTS. . . . .	117.7	28.2	89.4	22	TEXTILE MILL PRODUCTS. . . . .	16.4	3.6	12.8
23	APPAREL, OTHER TEXTILE PRODUCTS. . . .	9.6	3.1	6.4	23	APPAREL, OTHER TEXTILE PRODUCTS. . . .	11.1	3.2	7.2
24	LUMBER AND WOOD PRODUCTS. . . . .	19.5	3.5	16.0	24	LUMBER AND WOOD PRODUCTS. . . . .	5.0	1.1	4.0
25	FURNITURE AND FIXTURES. . . . .	4.0	1.3	2.8	25	FURNITURE AND FIXTURES. . . . .	6.6	2.0	4.6
26	PAPER AND ALLIED PRODUCTS. . . . .	54.5	10.3	44.3	26	PAPER AND ALLIED PRODUCTS. . . . .	21.3	3.7	17.6
27	PRINTING AND PUBLISHING. . . . .	7.6	.9	6.8	27	PRINTING AND PUBLISHING. . . . .	16.8	3.4	13.4
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	55.9	12.8	43.0	28	CHEMICALS AND ALLIED PRODUCTS. . . . .	136.0	30.4	105.6
29	PETROLEUM AND COAL PRODUCTS. . . . .	.5	.1	.4	29	PETROLEUM AND COAL PRODUCTS. . . . .	.8	.4	.3
30	RUBBER AND PLASTICS PRODUCTS, NEC. . .	8.9	2.8	6.1	30	RUBBER AND PLASTICS PRODUCTS, NEC. . .	9.0	1.3	7.8
31	LEATHER AND LEATHER PRODUCTS. . . . .	1.1	.6	.5	31	LEATHER AND LEATHER PRODUCTS. . . . .	3.1	.9	2.2
32	STONE, CLAY, AND GLASS PRODUCTS. . . .	16.2	4.6	11.6	32	STONE, CLAY, AND GLASS PRODUCTS. . . .	19.3	4.0	15.3
33	PRIMARY METAL INDUSTRIES. . . . .	17.9	10.4	7.5	33	PRIMARY METAL INDUSTRIES. . . . .	39.7	8.1	31.6
34	FABRICATED METAL PRODUCTS. . . . .	9.4	2.1	7.3	34	FABRICATED METAL PRODUCTS. . . . .	24.4	8.4	16.0
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	7.2	2.7	4.5	35	MACHINERY, EXCEPT ELECTRICAL. . . . .	23.4	7.4	16.0
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	10.9	3.6	7.3	36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	25.3	6.2	19.1
37	TRANSPORTATION EQUIPMENT. . . . .	32.7	12.8	19.8	37	TRANSPORTATION EQUIPMENT. . . . .	18.4	5.8	12.6
38	INSTRUMENTS AND RELATED PRODUCTS. . . .	1.3	.4	.9	38	INSTRUMENTS AND RELATED PRODUCTS. . .	.9	.4	.5
39	MISC. MANUFACTURING INDUSTRIES. . . . .	3.8	1.3	2.5	39	MISC. MANUFACTURING INDUSTRIES. . . . .	5.3	2.6	2.7
19	ORONANCE AND ACCESSORIES. . . . .	(O)	(O)	(O)	19	ORONANCE AND ACCESSORIES. . . . .	.7	.4	.3
	FLORIDA, TOTAL . . . . .	300.7	68.2	232.5					
20	FOOD AND KINDRED PRODUCTS. . . . .	46.7	15.6	31.1		ALABAMA, TOTAL . . . . .	378.9	75.0	303.9
21	TOBACCO MANUFACTURES. . . . .	.8	.3	.5	20	FOOD AND KINDRED PRODUCTS. . . . .	13.5	2.7	10.8
22	TEXTILE MILL PRODUCTS. . . . .	.8	.6	.3	21	TOBACCO MANUFACTURES. . . . .	(O)	(O)	(O)
23	APPAREL, OTHER TEXTILE PRODUCTS. . . . .	2.3	.4	1.9	22	TEXTILE MILL PRODUCTS. . . . .	43.7	8.1	35.6
24	LUMBER AND WOOD PRODUCTS. . . . .	12.1	2.1	10.0	23	APPAREL, OTHER TEXTILE PRODUCTS. . . .	5.2	.6	4.6
25	FURNITURE AND FIXTURES. . . . .	2.0	.6	1.5	24	LUMBER AND WOOD PRODUCTS. . . . .	16.2	2.0	14.1
26	PAPER AND ALLIED PRODUCTS. . . . .	32.9	3.4	29.5	25	FURNITURE AND FIXTURES. . . . .	2.4	1.1	1.3
27	PRINTING AND PUBLISHING. . . . .	23.3	9.0	14.3	26	PAPER AND ALLIED PRODUCTS. . . . .	60.4	11.3	49.1
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	62.8	8.0	54.8	27	PRINTING AND PUBLISHING. . . . .	3.6	.8	2.8
29	PETROLEUM AND COAL PRODUCTS. . . . .	.5	.1	.5	28	CHEMICALS AND ALLIED PRODUCTS. . . . .	97.9	14.5	83.4
30	RUBBER AND PLASTICS PRODUCTS, NEC. . .	4.3	.7	3.6	29	PETROLEUM AND COAL PRODUCTS. . . . .	(O)	(O)	(O)
31	LEATHER AND LEATHER PRODUCTS. . . . .	.4	(2)	.4	30	RUBBER AND PLASTICS PRODUCTS, NEC. . .	9.3	2.0	7.3
32	STONE, CLAY, AND GLASS PRODUCTS. . . .	39.0	3.5	35.6	31	LEATHER AND LEATHER PRODUCTS. . . . .	(O)	(O)	(O)
33	PRIMARY METAL INDUSTRIES. . . . .	2.3	.6	1.8	32	STONE, CLAY, AND GLASS PRODUCTS. . . .	9.6	1.5	8.1
34	FABRICATED METAL PRODUCTS. . . . .	14.3	3.0	11.3	33	PRIMARY METAL INDUSTRIES. . . . .	80.7	18.2	62.5
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	15.6	5.7	10.0	34	FABRICATED METAL PRODUCTS. . . . .	9.6	2.7	6.9
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	19.3	6.1	13.2	35	MACHINERY, EXCEPT ELECTRICAL. . . . .	7.0	3.6	3.4
37	TRANSPORTATION EQUIPMENT. . . . .	11.3	5.7	5.6	36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	5.2	1.5	3.7
38	INSTRUMENTS AND RELATED PRODUCTS. . . .	2.0	.8	1.2	37	TRANSPORTATION EQUIPMENT. . . . .	10.3	2.8	7.5
39	MISC. MANUFACTURING INDUSTRIES. . . . .	1.2	.3	.8	38	INSTRUMENTS AND RELATED PRODUCTS. . .	.4	(2)	.4
19	ORONANCE AND ACCESSORIES. . . . .	6.7	2.1	4.6	39	MISC. MANUFACTURING INDUSTRIES. . . . .	1.2	.7	.5
					19	ORONANCE AND ACCESSORIES. . . . .	(O)	(D)	(O)
	EAST SOUTH CENTRAL DIVISION, TOTAL. .	1 405.8	384.4	1 021.3					
20	FOOD AND KINDRED PRODUCTS. . . . .	88.4	27.9	60.6	20	FOOD AND KINDRED PRODUCTS. . . . .	13.7	3.8	10.0
21	TOBACCO MANUFACTURES. . . . .	(D)	(D)	(D)	22	TEXTILE MILL PRODUCTS. . . . .	2.2	.3	1.9
22	TEXTILE MILL PRODUCTS. . . . .	64.2	12.6	51.6	23	APPAREL, OTHER TEXTILE PRODUCTS. . . .	4.3	1.0	3.4
23	APPAREL, OTHER TEXTILE PRODUCTS. . . . .	23.4	6.3	17.1	24	LUMBER AND WOOD PRODUCTS. . . . .	24.5	3.8	20.7
24	LUMBER AND WOOD PRODUCTS. . . . .	49.3	7.9	41.4	25	FURNITURE AND FIXTURES. . . . .	3.1	.8	2.4
25	FURNITURE AND FIXTURES. . . . .	14.9	5.5	9.4	26	PAPER AND ALLIED PRODUCTS. . . . .	101.7	46.8	54.8
26	PAPER AND ALLIED PRODUCTS. . . . .	190.1	63.8	126.2	27	PRINTING AND PUBLISHING. . . . .	1.9	.2	1.7
27	PRINTING AND PUBLISHING. . . . .	29.7	6.5	23.1	28	CHEMICALS AND ALLIED PRODUCTS. . . . .	25.5	4.6	20.9
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	339.2	64.9	274.3	29	PETROLEUM AND COAL PRODUCTS. . . . .	(O)	(O)	(O)
29	PETROLEUM AND COAL PRODUCTS. . . . .	63.7	58.3	5.4	30	RUBBER AND PLASTICS PRODUCTS, NEC. . .	9.9	1.6	8.3
30	RUBBER AND PLASTICS PRODUCTS, NEC. . .	42.9	7.8	35.0	31	LEATHER AND LEATHER PRODUCTS. . . . .	(O)	(O)	(O)
31	LEATHER AND LEATHER PRODUCTS. . . . .	(O)	(O)	(O)	32	STONE, CLAY, AND GLASS PRODUCTS. . . .	(O)	(D)	(O)
32	STONE, CLAY, AND GLASS PRODUCTS. . . .	42.9	10.9	32.0	33	PRIMARY METAL INDUSTRIES. . . . .	1.9	.3	1.6
33	PRIMARY METAL INDUSTRIES. . . . .	190.5	32.9	157.6	34	FABRICATED METAL PRODUCTS. . . . .	6.3	1.3	5.3
34	FABRICATED METAL PRODUCTS. . . . .	57.7	16.7	41.0	35	MACHINERY, EXCEPT ELECTRICAL. . . . .	3.8	.7	3.1
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	59.0	17.5	41.5	36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	6.0	.9	5.1
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	72.9	18.4	54.6	37	TRANSPORTATION EQUIPMENT. . . . .	5.9	2.3	3.5
37	TRANSPORTATION EQUIPMENT. . . . .	43.8	17.0	26.8	38	INSTRUMENTS AND RELATED PRODUCTS. . .	.9	.4	.5
38	INSTRUMENTS AND RELATED PRODUCTS. . . .	3.0	1.2	1.8	39	MISC. MANUFACTURING INDUSTRIES. . . . .	1.1	.1	1.0
39	MISC. MANUFACTURING INDUSTRIES. . . . .	10.9	4.5	6.4	19	ORONANCE AND ACCESSORIES. . . . .	(D)	(O)	(O)
19	ORONANCE AND ACCESSORIES. . . . .	(O)	(O)	(D)					

See footnotes at end of table.



TABLE 4. Manufacturers' Expenditures for New Plant and Equipment, by Major Industry Groups, Divisions, and States: 1967—Continued

(In millions of dollars)									
Code	Major industry group	Establishments in operation and under construction			Code	Major industry group	Establishments in operation and under construction		
		Total expenditures	New structures and additions to plant	New machinery and equipment			Total expenditures	New structures and additions to plant	New machinery and equipment
	WEST SOUTH CENTRAL DIVISION: TOTAL . . . . .	2 403.8	662.5	1 741.4		TEXAS: TOTAL . . . . .	1 408.8	391.6	1 017.3
20	FOOD AND KINDRED PRODUCTS. . . . .	161.4	44.6	116.8	20	FOOD AND KINDRED PRODUCTS. . . . .	93.2	27.1	66.1
22	TEXTILE MILL PRODUCTS. . . . .	9.1	3.8	5.4	22	TEXTILE MILL PRODUCTS. . . . .	5.1	2.0	3.1
23	APPAREL, OTHER TEXTILE PRODUCTS. . . . .	15.1	6.3	8.8	23	APPAREL, OTHER TEXTILE PRODUCTS. . . . .	11.3	5.2	6.1
24	LUMBER AND WOOD PRODUCTS. . . . .	37.0	6.7	30.3	24	LUMBER AND WOOD PRODUCTS. . . . .	12.0	2.9	9.1
25	FURNITURE AND FIXTURES. . . . .	8.8	3.1	5.7	25	FURNITURE AND FIXTURES. . . . .	5.5	1.8	3.8
26	PAPER AND ALLIED PRODUCTS. . . . .	324.7	41.7	283.0	26	PAPER AND ALLIED PRODUCTS. . . . .	177.6	25.5	152.1
27	PRINTING AND PUBLISHING. . . . .	47.5	11.8	35.7	27	PRINTING AND PUBLISHING. . . . .	28.2	8.5	19.6
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	810.7	187.6	623.1	28	CHEMICALS AND ALLIED PRODUCTS. . . . .	402.9	91.7	311.2
29	PETROLEUM AND COAL PRODUCTS. . . . .	422.9	170.3	252.7	29	PETROLEUM AND COAL PRODUCTS. . . . .	292.2	100.8	191.4
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	27.9	7.3	20.6	30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	18.2	5.5	12.7
31	LEATHER AND LEATHER PRODUCTS. . . . .	(D)	(D)	(D)	31	LEATHER AND LEATHER PRODUCTS. . . . .	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	68.5	17.7	50.8	32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	42.9	11.5	31.4
33	PRIMARY METAL INDUSTRIES. . . . .	97.0	20.7	76.3	33	PRIMARY METAL INDUSTRIES. . . . .	76.8	15.3	61.5
34	FABRICATED METAL PRODUCTS. . . . .	57.1	15.6	41.5	34	FABRICATED METAL PRODUCTS. . . . .	35.6	9.3	26.3
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	63.6	18.6	45.0	35	MACHINERY, EXCEPT ELECTRICAL. . . . .	45.8	13.6	32.2
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	114.3	51.4	63.0	36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	59.3	28.9	30.5
37	TRANSPORTATION EQUIPMENT. . . . .	107.0	45.3	61.8	37	TRANSPORTATION EQUIPMENT. . . . .	82.9	34.3	48.5
38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	7.6	3.4	4.3	38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES. . . . .	6.7	1.9	4.8	39	MISC. MANUFACTURING INDUSTRIES. . . . .	2.4	.7	1.7
19	ORDNANCE AND ACCESSORIES. . . . .	(D)	(D)	(D)	19	ORDNANCE AND ACCESSORIES. . . . .	9.9	3.6	6.2
	ARKANSAS: TOTAL. . . . .	172.6	40.9	131.7		MOUNTAIN DIVISION: TOTAL. . . . .	428.9	112.2	316.6
20	FOOD AND KINDRED PRODUCTS. . . . .	18.4	4.9	13.4	20	FOOD AND KINDRED PRODUCTS. . . . .	66.1	19.3	46.8
22	TEXTILE MILL PRODUCTS. . . . .	3.5	1.7	1.8	22	TEXTILE MILL PRODUCTS. . . . .	(D)	(D)	(D)
23	APPAREL, OTHER TEXTILE PRODUCTS. . . . .	1.2	.2	1.0	23	APPAREL, OTHER TEXTILE PRODUCTS. . . . .	2.0	.7	1.3
24	LUMBER AND WOOD PRODUCTS. . . . .	12.4	1.7	10.6	24	LUMBER AND WOOD PRODUCTS. . . . .	28.2	6.2	22.0
25	FURNITURE AND FIXTURES. . . . .	2.9	1.3	1.6	25	FURNITURE AND FIXTURES. . . . .	1.3	.7	.7
26	PAPER AND ALLIED PRODUCTS. . . . .	58.9	7.3	51.6	26	PAPER AND ALLIED PRODUCTS. . . . .	5.1	.2	5.0
27	PRINTING AND PUBLISHING. . . . .	4.2	.3	3.9	27	PRINTING AND PUBLISHING. . . . .	11.3	2.9	8.4
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	13.4	3.3	10.1	28	CHEMICALS AND ALLIED PRODUCTS. . . . .	33.5	10.6	22.9
29	PETROLEUM AND COAL PRODUCTS. . . . .	1.4	.1	1.3	29	PETROLEUM AND COAL PRODUCTS. . . . .	20.7	6.2	14.5
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	3.3	1.1	2.3	30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)
31	LEATHER AND LEATHER PRODUCTS. . . . .	(D)	(D)	(D)	31	LEATHER AND LEATHER PRODUCTS. . . . .	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	8.5	2.3	6.2	32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	20.1	3.0	17.1
33	PRIMARY METAL INDUSTRIES. . . . .	11.9	4.5	7.4	33	PRIMARY METAL INDUSTRIES. . . . .	149.4	36.2	113.2
34	FABRICATED METAL PRODUCTS. . . . .	4.8	1.5	3.3	34	FABRICATED METAL PRODUCTS. . . . .	8.0	2.8	5.2
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	3.0	.6	2.3	35	MACHINERY, EXCEPT ELECTRICAL. . . . .	26.5	6.0	20.5
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	17.6	8.4	9.3	36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	23.8	8.7	15.1
37	TRANSPORTATION EQUIPMENT. . . . .	1.3	.4	.9	37	TRANSPORTATION EQUIPMENT. . . . .	14.5	2.1	12.3
38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	(D)	(D)	(D)	38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	2.7	.2	2.6
39	MISC. MANUFACTURING INDUSTRIES. . . . .	3.7	1.1	2.5	39	MISC. MANUFACTURING INDUSTRIES. . . . .	1.4	.5	.9
19	ORDNANCE AND ACCESSORIES. . . . .	(D)	(D)	(D)	19	ORDNANCE AND ACCESSORIES. . . . .	(D)	(D)	(D)
	LOUISIANA: TOTAL. . . . .	741.4	206.0	535.5		MONTANA: TOTAL. . . . .	68.9	26.5	42.4
20	FOOD AND KINDRED PRODUCTS. . . . .	35.2	8.2	27.1	20	FOOD AND KINDRED PRODUCTS. . . . .	5.0	1.7	3.3
22	TEXTILE MILL PRODUCTS. . . . .	(D)	(D)	(D)	24	LUMBER AND WOOD PRODUCTS. . . . .	6.2	.8	5.5
23	APPAREL, OTHER TEXTILE PRODUCTS. . . . .	1.3	.4	.9	26	PAPER AND ALLIED PRODUCTS. . . . .	(D)	(D)	(D)
24	LUMBER AND WOOD PRODUCTS. . . . .	11.7	1.9	9.8	27	PRINTING AND PUBLISHING. . . . .	.3	.1	.3
25	FURNITURE AND FIXTURES. . . . .	.2	.1	.1	28	CHEMICALS AND ALLIED PRODUCTS. . . . .	1.2	.2	1.0
26	PAPER AND ALLIED PRODUCTS. . . . .	87.3	8.8	78.5	29	PETROLEUM AND COAL PRODUCTS. . . . .	(D)	(D)	(D)
27	PRINTING AND PUBLISHING. . . . .	9.6	2.0	7.6	32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	.9	.2	.6
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	392.5	92.6	299.9	33	PRIMARY METAL INDUSTRIES. . . . .	(D)	(D)	(D)
29	PETROLEUM AND COAL PRODUCTS. . . . .	119.6	63.0	56.6	34	FABRICATED METAL PRODUCTS. . . . .	.3	.1	.1
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	1.7	.5	1.2	35	MACHINERY, EXCEPT ELECTRICAL. . . . .	.1	.1	.1
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	11.2	2.1	9.0	39	MISC. MANUFACTURING INDUSTRIES. . . . .	(2)	(2)	(2)
33	PRIMARY METAL INDUSTRIES. . . . .	5.8	.3	5.5					
34	FABRICATED METAL PRODUCTS. . . . .	8.1	1.6	6.5		IDAHO: TOTAL. . . . .	57.7	10.1	47.6
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	4.1	1.8	2.4	20	FOOD AND KINDRED PRODUCTS. . . . .	11.8	3.2	8.7
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	31.2	12.7	18.5	24	LUMBER AND WOOD PRODUCTS. . . . .	14.2	4.0	10.2
37	TRANSPORTATION EQUIPMENT. . . . .	16.6	8.9	7.8	26	PAPER AND ALLIED PRODUCTS. . . . .	(D)	(D)	(D)
38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	.2	.2	(2)	27	PRINTING AND PUBLISHING. . . . .	1.2	.4	.8
39	MISC. MANUFACTURING INDUSTRIES. . . . .	.4	(2)	.4	28	CHEMICALS AND ALLIED PRODUCTS. . . . .	17.1	1.8	15.4
19	ORDNANCE AND ACCESSORIES. . . . .	(D)	(D)	(D)	32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	.7	.2	.5
	OKLAHOMA: TOTAL. . . . .	80.9	24.0	56.9	33	PRIMARY METAL INDUSTRIES. . . . .	(D)	(D)	(D)
20	FOOD AND KINDRED PRODUCTS. . . . .	14.6	4.4	10.2	34	FABRICATED METAL PRODUCTS. . . . .	.2	(2)	.2
22	TEXTILE MILL PRODUCTS. . . . .	(D)	(D)	(D)	35	MACHINERY, EXCEPT ELECTRICAL. . . . .	.4	.1	.3
23	APPAREL, OTHER TEXTILE PRODUCTS. . . . .	1.2	.4	.8	36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	(D)	(D)	(D)
24	LUMBER AND WOOD PRODUCTS. . . . .	.9	.1	.8	37	TRANSPORTATION EQUIPMENT. . . . .	(D)	(D)	(D)
25	FURNITURE AND FIXTURES. . . . .	.3	(2)	.2	39	MISC. MANUFACTURING INDUSTRIES. . . . .	.1	(2)	.1
26	PAPER AND ALLIED PRODUCTS. . . . .	.9	(2)	.8	19	ORDNANCE AND ACCESSORIES. . . . .	(D)	(D)	(D)
27	PRINTING AND PUBLISHING. . . . .	5.5	1.0	4.6					
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	2.0	.1	1.9		WYOMING: TOTAL. . . . .	7.6	2.7	4.9
29	PETROLEUM AND COAL PRODUCTS. . . . .	9.7	6.3	3.4	20	FOOD AND KINDRED PRODUCTS. . . . .	1.4	.4	1.0
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	4.7	.3	4.4	24	LUMBER AND WOOD PRODUCTS. . . . .	(D)	(D)	(D)
31	LEATHER AND LEATHER PRODUCTS. . . . .	(D)	(D)	(D)	27	PRINTING AND PUBLISHING. . . . .	.7	.2	.5
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	6.0	1.8	4.2	29	PETROLEUM AND COAL PRODUCTS. . . . .	2.6	1.7	.9
33	PRIMARY METAL INDUSTRIES. . . . .	2.5	.6	2.0	32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	.3	(2)	.3
34	FABRICATED METAL PRODUCTS. . . . .	8.6	3.2	5.4	37	TRANSPORTATION EQUIPMENT. . . . .	(D)	(D)	(D)
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	10.8	2.7	8.1					
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	6.2	1.3	4.9					
37	TRANSPORTATION EQUIPMENT. . . . .	6.2	1.7	4.5					
38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	.3	.1	.2					
39	MISC. MANUFACTURING INDUSTRIES. . . . .	.2	(2)	.2					

See footnotes at end of table.

TABLE 4. Manufacturers' Expenditures for New Plant and Equipment, by Major Industry Groups, Divisions, and States: 1967—Continued

(In millions of dollars)									
Code	Major industry group	Establishments in operation and under construction			Code	Major industry group	Establishments in operation and under construction		
		Total expenditures	New structures and additions to plant	New machinery and equipment			Total expenditures	New structures and additions to plant	New machinery and equipment
	COLORADO, TOTAL. . . . .	99.6	27.2	72.4		NEVADA, TOTAL. . . . .	15.4	2.1	13.3
20	FOOD AND KINDRED PRODUCTS. . . . .	27.7	7.6	20.1	20	FOOD AND KINDRED PRODUCTS. . . . .	.6	.3	.4
23	APPAREL, OTHER TEXTILE PRODUCTS. . . . .	.6	(2)	.6	24	LUMBER AND WOOD PRODUCTS. . . . .	.1	(2)	.1
24	LUMBER AND WOOD PRODUCTS. . . . .	1.1	.1	1.0	25	FURNITURE AND FIXTURES. . . . .	(2)	(2)	(2)
25	FURNITURE AND FIXTURES. . . . .	.8	.4	.4	27	PRINTING AND PUBLISHING. . . . .	.3	.1	.3
26	PAPER AND ALLIED PRODUCTS. . . . .	4.2	(2)	1.0	28	CHEMICALS AND ALLIED PRODUCTS. . . . .	(0)	(0)	(0)
27	PRINTING AND PUBLISHING. . . . .	1.7	.7	3.5	32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	2.0	.1	1.9
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	2.7	1.0	1.7	33	PRIMARY METAL INDUSTRIES. . . . .	(0)	(0)	(0)
29	PETROLEUM AND COAL PRODUCTS. . . . .	1.6	.1	1.6	34	FABRICATED METAL PRODUCTS. . . . .	(0)	(0)	(0)
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(0)	(0)	(0)	35	MACHINERY, EXCEPT ELECTRICAL. . . . .	.1	(2)	.1
31	LEATHER AND LEATHER PRODUCTS. . . . .	(0)	(0)	(0)	36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	(0)	(0)	(0)
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	6.2	.6	5.7		PACIFIC DIVISION, TOTAL. . . . .	2 268.8	70.5	1 568.2
33	PRIMARY METAL INDUSTRIES. . . . .	7.0	1.5	5.6	20	FOOD AND KINDRED PRODUCTS. . . . .	239.7	58.8	180.9
34	FABRICATED METAL PRODUCTS. . . . .	3.3	1.1	2.2	22	TEXTILE MILL PRODUCTS. . . . .	(0)	(0)	(0)
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	12.5	2.4	10.1	23	APPAREL, OTHER TEXTILE PRODUCTS. . . . .	12.3	3.2	9.1
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	8.9	3.5	5.4	24	LUMBER AND WOOD PRODUCTS. . . . .	154.7	30.6	124.0
37	TRANSPORTATION EQUIPMENT. . . . .	9.9	.9	9.0	25	FURNITURE AND FIXTURES. . . . .	11.4	4.0	7.4
38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	1.0	.1	.9	26	PAPER AND ALLIED PRODUCTS. . . . .	170.8	10.9	159.9
39	MISC. MANUFACTURING INDUSTRIES. . . . .	.4	.1	.3	27	PRINTING AND PUBLISHING. . . . .	72.6	20.7	51.9
19	ORDNANCE AND ACCESSORIES. . . . .	(0)	(0)	(0)	28	CHEMICALS AND ALLIED PRODUCTS. . . . .	93.8	21.6	72.2
	NEW MEXICO, TOTAL. . . . .	10.6	2.2	8.4	29	PETROLEUM AND COAL PRODUCTS. . . . .	213.5	141.6	71.9
20	FOOD AND KINDRED PRODUCTS. . . . .	2.9	.9	2.0	30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(0)	(0)	(0)
23	APPAREL, OTHER TEXTILE PRODUCTS. . . . .	(0)	(0)	(0)	31	LEATHER AND LEATHER PRODUCTS. . . . .	(0)	(0)	(0)
24	LUMBER AND WOOD PRODUCTS. . . . .	(0)	(0)	(0)	32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	86.7	21.0	65.7
27	PRINTING AND PUBLISHING. . . . .	.6	.2	.5	33	PRIMARY METAL INDUSTRIES. . . . .	197.6	69.1	128.5
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	.2	(2)	.2	34	FABRICATED METAL PRODUCTS. . . . .	104.0	20.3	83.7
29	PETROLEUM AND COAL PRODUCTS. . . . .	(0)	(0)	(0)	35	MACHINERY, EXCEPT ELECTRICAL. . . . .	169.9	52.4	117.5
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(2)	(2)	(2)	36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	168.1	55.4	112.7
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	1.7	.4	1.4	37	TRANSPORTATION EQUIPMENT. . . . .	361.0	128.2	232.8
33	PRIMARY METAL INDUSTRIES. . . . .	(0)	(0)	(0)	38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	21.5	4.6	16.9
34	FABRICATED METAL PRODUCTS. . . . .	.1	(2)	.1	39	MISC. MANUFACTURING INDUSTRIES. . . . .	17.4	7.3	10.1
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	.4	.1	.3	19	ORDNANCE AND ACCESSORIES. . . . .	116.7	40.3	76.3
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	.6	.3	.4		WASHINGTON, TOTAL. . . . .	464.7	157.0	307.7
38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	(0)	(0)	(0)	20	FOOD AND KINDRED PRODUCTS. . . . .	30.7	8.1	22.5
39	MISC. MANUFACTURING INDUSTRIES. . . . .	.2	(2)	.1	22	TEXTILE MILL PRODUCTS. . . . .	(0)	(0)	(0)
19	ORDNANCE AND ACCESSORIES. . . . .	(2)	-	(2)	23	APPAREL, OTHER TEXTILE PRODUCTS. . . . .	.8	.1	.6
	ARIZONA, TOTAL. . . . .	109.9	29.9	80.1	24	LUMBER AND WOOD PRODUCTS. . . . .	43.3	5.7	37.6
20	FOOD AND KINDRED PRODUCTS. . . . .	11.1	3.3	7.7	25	FURNITURE AND FIXTURES. . . . .	.8	.4	.5
23	APPAREL, OTHER TEXTILE PRODUCTS. . . . .	.3	.1	.2	26	PAPER AND ALLIED PRODUCTS. . . . .	34.9	2.1	32.7
24	LUMBER AND WOOD PRODUCTS. . . . .	3.0	.9	2.1	27	PRINTING AND PUBLISHING. . . . .	7.2	2.1	5.2
25	FURNITURE AND FIXTURES. . . . .	.1	(2)	.1	28	CHEMICALS AND ALLIED PRODUCTS. . . . .	10.2	2.3	7.9
26	PAPER AND ALLIED PRODUCTS. . . . .	(0)	(0)	(0)	29	PETROLEUM AND COAL PRODUCTS. . . . .	(0)	(0)	(0)
27	PRINTING AND PUBLISHING. . . . .	1.7	.5	1.2	30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	3.1	.7	2.4
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	6.6	4.0	2.6	31	LEATHER AND LEATHER PRODUCTS. . . . .	(0)	(0)	(0)
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	.4	.1	.3	32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	12.7	3.6	9.1
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	6.3	1.0	5.2	33	PRIMARY METAL INDUSTRIES. . . . .	92.9	40.8	52.2
33	PRIMARY METAL INDUSTRIES. . . . .	50.6	12.4	38.1	34	FABRICATED METAL PRODUCTS. . . . .	9.3	2.6	6.7
34	FABRICATED METAL PRODUCTS. . . . .	2.8	.9	1.9	35	MACHINERY, EXCEPT ELECTRICAL. . . . .	7.7	1.8	5.9
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	9.0	1.0	8.0	36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	4.8	1.8	3.0
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	13.1	4.5	8.6	37	TRANSPORTATION EQUIPMENT. . . . .	(0)	(0)	(0)
37	TRANSPORTATION EQUIPMENT. . . . .	.9	.4	.5	38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	(0)	(0)	(0)
38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	(0)	(0)	(0)	39	MISC. MANUFACTURING INDUSTRIES. . . . .	1.0	.4	.6
39	MISC. MANUFACTURING INDUSTRIES. . . . .	.4	.2	.2	19	ORDNANCE AND ACCESSORIES. . . . .	(0)	(0)	(0)
19	ORDNANCE AND ACCESSORIES. . . . .	1.6	.4	1.2		OREGON, TOTAL. . . . .	234.2	40.2	194.0
	UTAH, TOTAL. . . . .	59.2	11.5	47.6	20	FOOD AND KINDRED PRODUCTS. . . . .	20.2	3.7	16.5
20	FOOD AND KINDRED PRODUCTS. . . . .	5.4	1.8	3.6	22	TEXTILE MILL PRODUCTS. . . . .	(0)	(0)	(0)
22	TEXTILE MILL PRODUCTS. . . . .	(0)	(0)	(0)	23	APPAREL, OTHER TEXTILE PRODUCTS. . . . .	1.6	1.0	.5
23	APPAREL, OTHER TEXTILE PRODUCTS. . . . .	.9	.6	.3	24	LUMBER AND WOOD PRODUCTS. . . . .	72.1	13.7	58.4
24	LUMBER AND WOOD PRODUCTS. . . . .	.5	.1	.4	25	FURNITURE AND FIXTURES. . . . .	.8	.3	.5
25	FURNITURE AND FIXTURES. . . . .	.2	.2	.1	26	PAPER AND ALLIED PRODUCTS. . . . .	82.7	.9	81.8
26	PAPER AND ALLIED PRODUCTS. . . . .	.1	(2)	.1	27	PRINTING AND PUBLISHING. . . . .	3.7	.9	2.8
27	PRINTING AND PUBLISHING. . . . .	2.2	.8	1.3	28	CHEMICALS AND ALLIED PRODUCTS. . . . .	4.2	.8	3.4
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	3.7	1.3	2.4	29	PETROLEUM AND COAL PRODUCTS. . . . .	1.6	.2	1.4
29	PETROLEUM AND COAL PRODUCTS. . . . .	4.0	.9	3.1	30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	.8	.1	.7
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	.9	.5	.3	31	LEATHER AND LEATHER PRODUCTS. . . . .	(0)	(0)	(0)
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	2.0	.4	1.6	32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	8.9	4.0	4.9
33	PRIMARY METAL INDUSTRIES. . . . .	(0)	(0)	(0)	33	PRIMARY METAL INDUSTRIES. . . . .	(0)	(0)	(0)
34	FABRICATED METAL PRODUCTS. . . . .	1.2	.5	.6	34	FABRICATED METAL PRODUCTS. . . . .	5.8	1.7	4.2
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	3.8	2.3	1.5	35	MACHINERY, EXCEPT ELECTRICAL. . . . .	7.1	3.5	3.6
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	1.1	.5	.6	36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	5.8	3.1	2.7
37	TRANSPORTATION EQUIPMENT. . . . .	3.1	.6	2.5	37	TRANSPORTATION EQUIPMENT. . . . .	3.8	1.3	2.5
38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	(0)	(0)	(0)	38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	1.6	.7	.9
39	MISC. MANUFACTURING INDUSTRIES. . . . .	.2	(2)	.2	39	MISC. MANUFACTURING INDUSTRIES. . . . .	.6	.1	.5
19	ORDNANCE AND ACCESSORIES. . . . .	(0)	(0)	(0)					

See footnotes at end of table.



TABLE 4. Manufacturers' Expenditures for New Plant and Equipment, by Major Industry Groups, Divisions, and States: 1967—Continued

(In millions of dollars)									
Code	Major industry group	Establishments in operation and under construction			Code	Major industry group	Establishments in operation and under construction		
		Total expenditures	New structures and additions to plant	New machinery and equipment			Total expenditures	New structures and additions to plant	New machinery and equipment
	CALIFORNIA, TOTAL. . . . .	1 529.2	491.3	1 037.8		ALASKA, TOTAL. . . . .	14.7	4.1	10.6
20	FOOD AND KINDRED PRODUCTS. . . . .	166.8	40.0	126.8	20	FOOD AND KINDRED PRODUCTS. . . . .	4.2	1.7	2.5
22	TEXTILE MILL PRODUCTS. . . . .	(D)	(0)	(D)	24	LUMBER AND WOOD PRODUCTS. . . . .	4.4	1.0	3.4
23	APPAREL, OTHER TEXTILE PRODUCTS. . . . .	9.7	2.0	7.8	26	PAPER AND ALLIED PRODUCTS. . . . .	(0)	(D)	(0)
24	LUMBER AND WOOD PRODUCTS. . . . .	34.4	10.0	24.3	27	PRINTING AND PUBLISHING. . . . .	.4	.2	.2
25	FURNITURE AND FIXTURES. . . . .	9.5	3.2	6.3		HAWAII, TOTAL. . . . .	26.0	7.9	18.1
26	PAPER AND ALLIED PRODUCTS. . . . .	49.3	7.7	41.7	20	FOOD AND KINDRED PRODUCTS. . . . .	17.8	5.2	12.6
27	PRINTING AND PUBLISHING. . . . .	59.9	17.3	42.6	23	APPAREL, OTHER TEXTILE PRODUCTS. . . . .	(0)	(D)	(0)
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	77.9	18.3	59.8	24	LUMBER AND WOOD PRODUCTS. . . . .	.5	.2	.3
29	PETROLEUM AND COAL PRODUCTS. . . . .	208.5	139.2	69.4	25	FURNITURE AND FIXTURES. . . . .	(D)	(0)	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	45.2	8.5	36.7	26	PAPER AND ALLIED PRODUCTS. . . . .	(D)	(D)	(D)
31	LEATHER AND LEATHER PRODUCTS. . . . .	(D)	(0)	(0)	27	PRINTING AND PUBLISHING. . . . .	1.3	.3	1.1
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	63.0	12.7	50.3	28	CHEMICALS AND ALLIED PRODUCTS. . . . .	(D)	(D)	(0)
33	PRIMARY METAL INDUSTRIES. . . . .	92.4	24.0	68.3	29	PETROLEUM AND COAL PRODUCTS. . . . .	(D)	(D)	(D)
34	FABRICATED METAL PRODUCTS. . . . .	88.4	15.9	72.5	32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	1.8	.6	1.1
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	154.7	47.0	107.6	33	PRIMARY METAL INDUSTRIES. . . . .	(D)	(D)	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	157.5	50.4	107.0	34	FABRICATED METAL PRODUCTS. . . . .	.4	.1	.3
37	TRANSPORTATION EQUIPMENT. . . . .	(D)	(D)	(D)	35	MACHINERY, EXCEPT ELECTRICAL. . . . .	.3	.1	.2
38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	19.7	3.8	15.9	37	TRANSPORTATION EQUIPMENT. . . . .	(D)	(0)	(D)
39	MISC. MANUFACTURING INDUSTRIES. . . . .	15.8	6.8	9.0	39	MISC. MANUFACTURING INDUSTRIES. . . . .	.1	(Z)	.1
19	ORDNANCE AND ACCESSORIES. . . . .	(D)	(D)	(D)					

Note: The United States and 2-digit levels were derived from separate tabulations based on industry rather than State detail. The sum of the States detail does not add to the United States totals because of (1) independent rounding, and (2) independent review and correction of the separate industry and State tabulations.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (Z) Less than \$50 thousand.





# Chapter 6

## Materials Consumed

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## MATERIALS CONSUMED

This chapter presents a compilation of the detailed statistics on materials and fuels. In using the data on materials consumed, the following limitations should be noted:

1. Materials were reported for the establishment as a whole and no attempt was made to ascertain how much of the material was used in each of various products. Thus, the industry totals represent consumption in secondary products as well as primary products of the industry represented. The extent of secondary production is measured by the specialization and coverage ratios shown in table 5A of the industry chapters. (See Volume II.)
2. Attention should be paid to code 976000 captioned "materials, parts, containers, and supplies not specified by kind." The amounts appearing on these lines represent imputed totals for establishments whose statistics were developed by use of administrative records and totals for other establishments which failed to report their consumption in specific terms. Thus, for most industries the specific categories are understated. A judgment on the statistical significance of the understatement for each industry may be made on the basis of the relationship of the value shown for the code 976000 line compared with the total of materials, components, parts, containers, and supplies for the industry.
3. Establishments consuming less than a specified amount of material were not requested to report consumption of the material separately. For the majority of individual materials, the minimum amount was \$5,000. The use of this cutoff is not believed to have had a significant effect on the totals.

Tables 7A and 7B at the end of this chapter are reprinted from the series of 80 industry reports.



TABLE 1A. Grains Consumed, by Selected Industries: 1967 and 1963

Code	Industry	1967		1963		1967		1963	
		Quantity (million bushels)	Delivered cost (million dollars)	Quantity (million bushels)	Delivered cost (million dollars)	Quantity (million bushels)	Delivered cost (million dollars)	Quantity (million bushels)	Delivered cost (million dollars)
		WHEAT (011371)				CORN (011301, 011321, 011322)			
	Total.....	574.1	1,406.4	628.9	1,393.4	748.4	1,026.2	632.0	860.2
2041	Flour and other grain mill products.....	531.2	1,328.4	583.1	1,312.8	92.8	130.5	85.6	111.4
2042	Prepared feeds for animals and fowls.....	30.3	51.5	30.2	53.1	369.0	500.8	311.2	420.0
2043	Cereal preparations.....	12.6	24.7	14.1	24.6	9.5	18.1	10.0	16.3
2045	Blended and prepared flour.....	(Z)	1.8	1.5	2.9	(Z)	(Z)	1.4	1.9
2046	Wet corn milling.....	-	-	-	-	224.1	289.1	171.5	233.1
2082	Malt liquors.....	-	-	-	-	19.9	39.5	20.2	35.3
2083	Malt.....	-	-	-	-	33.1	48.2	32.1	42.2
2085	Distilled liquor, except brandy.....	=	-	-	-	-	-	-	-
		OATS (011331)				BARLEY (011311)			
	Total.....	103.6	92.5	99.5	81.6	133.1	195.1	125.3	166.1
2041	Flour and other grain mill products.....	19.4	18.4	13.5	10.2	2.8	3.3	3.3	3.6
2042	Prepared feeds for animals and fowls.....	59.1	53.1	63.7	53.8	32.2	38.6	38.5	40.9
2043	Cereal preparations.....	25.1	21.0	22.3	17.6	1.6	2.2	.7	1.1
2045	Blended and prepared flour.....	-	-	-	-	-	-	-	-
2046	Wet corn milling.....	-	-	-	-	-	-	-	-
2082	Malt liquors.....	-	-	-	-	2.9	5.6	3.7	7.2
2083	Malt.....	-	-	-	-	93.6	145.4	79.1	113.3
2085	Distilled liquor, except brandy.....	-	-	-	-	-	-	-	-

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 1B. Wheat Flour, Semolina and Durum Flour Consumed, by Selected Industries: 1967 and 1963

Code	Industry	Wheat flour, except semolina and durum (204110 and 204119)				Semolina and durum flour (204115)			
		1967		1963		1967		1963	
		Quantity (1,000 cwt)	Delivered cost (million dollars)	Quantity (1,000 cwt)	Delivered cost (million dollars)	Quantity (1,000 cwt)	Delivered cost (million dollars)	Quantity (1,000 cwt)	Delivered cost (million dollars)
	Total.....	48,715.0	932.7	41,717.0	849.3	9,699.5	72.9	9,881.6	63.2
2032	Canned specialties.....	2,077.5	15.4	1,479.4	10.4	-	-	-	-
2037	Frozen fruits and vegetables.....	2,520.0	15.4	2,877.6	16.1	-	-	-	-
2041	Flour and other grain mill products.....	7,292.9	40.7	3,479.3	18.5	-	-	-	-
2042	Prepared feeds for animals and fowls.....	8,234.4	23.3	5,946.0	15.7	-	-	-	-
2043	Cereal preparations.....	1,873.1	14.2	2,386.7	14.6	-	-	-	-
2045	Blended and prepared flour.....	11,787.4	71.4	10,974.5	64.6	-	-	-	-
2051	Bread, cake, and related products.....	10,213.0	602.2	9,579.0	578.7	-	-	-	-
2052	Cookies and crackers.....	2,392.9	135.8	2,268.6	115.3	-	-	-	-
2098	Macaroni and spaghetti.....	822.9	5.5	990.7	6.3	9,699.5	72.9	9,881.6	63.2
2099	Food preparations, n.e.c.....	1,500.9	8.8	1,735.2	9.1	-	-	-	-

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 1C. Refined Sugar (Cane and Beet - 206011) Consumed, by Selected Industries: 1967 and 1963

Code	Industry	1967		1963	
		Quantity (1,000 cwt)	Delivered cost (million dollars)	Quantity (1,000 cwt)	Delivered cost (million dollars)
	Total.....	102,509.9	1,170.3	92,528.9	1,094.1
2021	Creamery butter.....	95.3	.9	757.4	8.0
2022	Cheese, natural and processed.....	27.3	.3	54.4	.6
2023	Condensed and evaporated milk.....	2,503.0	26.2	1,492.3	14.5
2024	Ice cream and frozen desserts.....	4,023.5	37.2	3,879.7	39.5
2026	Fluid milk.....	4,119.3	42.0	3,419.2	35.7
2032	Canned specialties.....	1,286.3	12.5	1,710.1	16.8
2033	Canned fruits and vegetables.....	11,377.2	110.8	12,211.7	117.8
2034	Dehydrated food products.....	279.8	2.9	166.7	1.6
2035	Pickles, sauces, and salad dressings.....	2,293.6	23.2	2,666.1	26.7
2037	Frozen fruits and vegetables.....	2,933.4	29.0	2,408.5	24.4
2041	Flour and other grain mill products.....	2,260.1	22.5	1,541.5	14.5
2042	Prepared feeds for animals and fowls.....	2,112.4	12.3	1,025.3	8.2
2043	Cereal preparations.....	2,919.8	28.1	2,665.9	25.0
2045	Blended and prepared flour.....	3,839.1	38.5	4,221.9	42.4
2051	Bread, cakes, and related products.....	1,386.1	129.2	1,296.2	128.1
2052	Cookies and crackers.....	644.0	64.3	604.8	59.9
2071	Confectionery products.....	12,961.1	128.1	12,718.2	129.3
2072	Chocolate and cocoa products.....	5,595.3	54.9	5,131.8	52.8
2073	Chewing gum.....	1,754.8	17.4	1,450.9	14.3
2082	Malt liquors.....	373.6	2.5	274.4	2.2
2086	Bottled and canned soft drinks.....	18,233.2	183.9	14,448.7	153.7
2087	Flavoring extracts and sirups, n.e.c.....	16,003.2	149.8	13,078.3	125.5
2099	Food preparations, n.e.c.....	5,488.5	53.8	5,304.9	52.4

TABLE 1D. Dairy Products Consumed, by Selected Industries: 1967 and 1963

Code	Industry	Cheese other than cottage (202210)		Ice cream and ice milk mix (202401)		Skim milk (fluid) (202612)	
		Quantity (million lbs)	Delivered cost (million dollars)	Quantity (million gals)	Delivered cost (million dollars)	Quantity (million cwt)	Delivered cost (million dollars)
		1967					
	Total.....	1,273.2	581.8	100.5	95.4	60.5	113.1
2021	Creamery butter.....	(D)	(D)	(D)	(D)	7.8	11.6
2022	Cheese, natural and processed.....	1,258.2	574.3	(D)	(D)	3.9	5.7
2023	Condensed and evaporated milk.....	(D)	(D)	1.3	1.5	26.4	39.6
2024	Ice cream and frozen desserts.....	-	-	61.9	55.8	1.3	4.4
2026	Fluid milk.....	7.7	3.6	36.7	37.6	21.1	51.8
		1963					
	Total.....	861.7	317.3	107.8	94.2	95.0	93.4
2021	Creamery butter.....	3.5	1.2	0.9	1.0	14.4	14.6
2022	Cheese, natural and processed.....	848.3	312.0	(D)	(D)	5.4	5.5
2023	Condensed and evaporated milk.....	(D)	(D)	(D)	(D)	48.5	39.0
2024	Ice cream and frozen desserts.....	(D)	(D)	62.0	55.1	1.3	2.3
2026	Fluid milk.....	(D)	(D)	44.2	37.9	25.3	32.0

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.



**TABLE 1E. Finfish, Round (091211), Consumed, by Selected Industries:  
1967 and 1963**

Code	Industry	1967		1963	
		Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)
	Total.....	705.6	240.4	723.1	213.1
2031	Canned and cured seafoods.....	402.8	137.6	476.8	126.9
2036	Fresh or frozen packaged fish.....	<sup>e</sup> 302.8	<sup>e</sup> 102.8	246.3	86.2

<sup>e</sup>From 10 to 30 percent of this item was estimated.

**TABLE 2A. Newsprint (262111 and 262112) Consumed, by Selected Industries:  
1967 and 1963**

Code	Consuming Industry	1967		1963	
		Purchased quantity (1,000 short tons)	Delivered cost (million dollars)	Purchased quantity (1,000 short tons)	Delivered cost (million dollars)
	Total newsprint consumed in selected industries.....	(X)	1,385.2	(X)	1,071.1
2711	Newspapers.....	7,870.4	1,094.7	6,616.3	889.3
2721	Periodicals.....	185.8	29.0	159.9	23.3
2731	Book publishing.....	41.6	57.8	28.8	5.6
2732	Book printing.....	(X)	5.4	(X)	4.4
2741	Miscellaneous publishing.....	(X)	79.5	(X)	53.6
2751	Commercial printing, except lithographic.....	(X)	76.6	(X)	68.0
2752	Commercial printing, lithographic.....	(NA)	37.0	(NA)	14.7
2761	Manifold business forms.....	(NA)	5.2	(NA)	4.1
2649	Converted paper products, n.e.c. ....	(NA)	(NA)	28.8	3.7
	All other industries.....	(NA)	(NA)	34.1	4.4

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available (D) Withheld to avoid disclosing figures for individual companies.

**TABLE 2B. Cost of Paperboard Boxes and Containers, Including Folding,  
Corrugated and Setup, by Industries: 1967 and 1963**

Code	Consuming Industries	Delivered cost (million dollars)	
		1967	1963
	Total.....	688.3	524.7
2032	Canned specialties.....	22.8	17.8
2033	Canned fruits and vegetables.....	48.0	42.6
2037	Frozen fruits and vegetables.....	115.0	89.7
2514	Metal household furniture.....	17.2	14.8
2521	Wood office furniture.....	2.3	1.5
2522	Metal office furniture.....	13.4	7.3
2531	Public building furniture.....	4.0	3.2
2541	Wood partitions and fixtures.....	2.2	1.2
2542	Metal partitions and fixtures.....	6.9	5.8
2831	Biological products.....	2.5	1.9
2834	Pharmaceutical preparations.....	68.5	55.1
2841	Soap and other detergents.....	114.8	90.3
2842	Polishes and sanitation goods.....	14.7	9.1
3221	Glass containers.....	158.3	100.5
3229	Pressed and blown glass, n.e.c.....	28.5	23.6
3231	Products of purchased glass.....	7.4	4.5
3941	Games and toys.....	46.4	38.8
3942	Dolls.....	3.1	6.4
3943	Children's vehicles, except bicycles.....	2.4	1.6
3949	Sporting and athletic goods, n.e.c.....	9.9	9.0

Table 3A. Chemicals Consumed, by Selected Industries: 1967

Code	Industry	Total quantity	Purchased		Quantity produced and consumed
			Quantity	Delivered cost (million dollars)	
SULFUR (NATIVE AND RECOVERED) (Quantity in 1,000 long tons)					
	Total.....	(NA)	(NA)	245.7	-
2611	Pulpmills.....	160.4	160.4	6.5	-
2621	Papermills, except building paper.....	250.4	250.4	10.0	-
2631	Paperboard mills.....	(NA)	(NA)	2.2	-
2815	Cyclic intermediates and crudes.....	180.0	180.0	6.5	-
2818	Industrial organic chemicals, n.e.c.....	665.0	665.0	22.6	-
2819	Industrial inorganic chemicals, n.e.c.....	2,431.4	2,431.4	89.8	-
2871	Fertilizers.....	2,965.7	2,965.7	108.1	-
SULFURIC ACID (281930 AND 281931) (Quantity in 1,000 short tons of 100% Cl <sub>2</sub> H <sub>2</sub> SO <sub>4</sub> )					
	Total.....	(NA)	(NA)	200.3	(NA)
2815	Cyclic intermediates and crudes.....	477.1	193.6	6.8	283.5
2818	Industrial organic chemicals, n.e.c.....	1,702.0	1,112.6	24.1	589.5
2819	Industrial inorganic chemicals, n.e.c.....	3,358.6	1,650.2	30.8	1,708.4
2821	Plastics materials and resins.....	(D)	340.0	6.5	(D)
2822	Synthetic rubber.....	61.3	61.3	1.1	-
2823	Cellulosic manmade fibers.....	518.6	518.6	10.3	-
2824	Organic fibers, noncellulosic.....	39.1	39.1	0.7	-
2871	Fertilizers.....	10,959.9	2,432.8	39.3	8,527.1
2872	Fertilizers, mixing only.....	174.1	174.1	4.0	-
2892	Explosives.....	(NA)	370.4	8.5	(NA)
2911	Petroleum refining.....	(NA)	1,952.2	40.0	(NA)
3312	Blast furnaces and steel mills.....	(NA)	1,088.8	27.6	(NA)
3315	Steel wire and related products.....	(NA)	(NA)	0.6	(NA)
CHLORINE (281211) (Quantity in 1,000 short tons of 100% Cl <sub>2</sub> )					
	Total.....	(NA)	(NA)	(NA)	(NA)
2611	Pulpmills.....	(NA)	302.3	18.1	(NA)
2621	Papermills, except building paper.....	(NA)	475.6	28.1	(NA)
2631	Paperboard mills.....	(NA)	203.5	11.8	(NA)
2812	Alkalies and chlorine.....	493.8	(D)	(D)	(D)
2815	Cyclic intermediates and crudes.....	324.1	210.8	10.9	113.4
2818	Industrial organic chemicals, n.e.c.....	4,594.6	1,505.4	71.9	3,089.2
2819	Industrial inorganic chemicals, n.e.c.....	(S)	215.3	13.4	(S)
SODIUM HYDROXIDE (281238) (Quantity in 1,000 short tons of 100% NaOH)					
	Total.....	(NA)	(NA)	(NA)	(NA)
2611	Pulpmills.....	(NA)	(S)	21.8	(NA)
2621	Papermills, except building paper.....	(NA)	365.3	20.4	(NA)
2631	Paperboard mills.....	(NA)	303.7	16.1	(NA)
2812	Alkalies and chlorine.....	349.7	(D)	(D)	(D)
2815	Cyclic intermediates and crudes.....	248.3	158.9	8.9	89.4
2818	Industrial organic chemicals, n.e.c.....	(S)	613.7	27.8	(S)
2819	Industrial inorganic chemicals, n.e.c.....	733.5	686.6	29.1	46.9
2821	Plastics materials and resins.....	189.6	189.6	6.0	-
2822	Synthetic rubber.....	51.9	51.9	1.6	-
2823	Cellulosic manmade fibers.....	299.7	299.7	13.3	-
2841	Soap and other detergents.....	273.0	273.0	18.6	-
2842	Polishes and sanitation goods.....	(S)	(S)	1.7	-
2911	Petroleum refining.....	277.8	277.8	14.3	-
2992	Lubricating oils and greases.....	7.7	7.7	.6	-
<sup>1</sup> SODIUM CARBONATE (281228) (Quantity in 1,000 short tons of 58% Na <sub>2</sub> O)					
	Total.....	(NA)	(NA)	(NA)	(NA)
2621	Papermills, except building paper.....	217.2	217.2	8.3	-
2631	Paperboard mills.....	163.1	163.1	6.2	-
2812	Alkalies and chlorine.....	364.3	(NA)	(NA)	(NA)
2818	Industrial organic chemicals, n.e.c.....	56.5	48.0	2.0	8.5
2819	Industrial inorganic chemicals, n.e.c.....	1,599.0	(D)	(D)	(D)
2841	Soap and other detergents.....	194.4	194.4	7.6	-
2842	Polishes and sanitation goods.....	(S)	(S)	0.7	-
3211	Flat glass.....	386.5	386.5	13.5	-
3221	Glass containers.....	1,979.0	1,979.0	70.1	-
3229	Pressed and blown glass, n.e.c.....	236.2	236.2	8.0	-

See footnotes at end of table.



TABLE 3A. Chemicals Consumed, by Selected Industries: 1967—Continued

Code	Industry	Total quantity	Purchased		Quantity produced and consumed
			Quantity	Delivered cost (million dollars)	
		AMMONIA (281912) (Quantity in 1,000 short tons of 100% NH <sub>3</sub> )			
	Total.....	5,768.0	(NA)	(NA)	(NA)
2812	Alkalies and chlorine.....	24.7	(D)	(D)	(D)
2815	Cyclic intermediates and crudes.....	130.8	60.8	3.5	70.0
2818	Industrial organic chemicals, n.e.c.....	1,203.7	510.2	23.8	693.5
2819	Industrial inorganic chemicals, n.e.c.....	3,160.3	696.4	33.1	2,463.9
2871	Fertilizers.....	869.7	869.7	49.6	-
2872	Fertilizers, mixing only.....	152.7	152.7	11.6	-
2892	Explosives.....	226.1	226.1	13.2	-
		NITRIC ACID (281911) (Quantity in 1,000 short tons of 100% HNO <sub>3</sub> )			
	Total.....	(NA)	(NA)	22.5	(NA)
2815	Cyclic intermediates and crudes.....	288.7	65.7	4.2	223.0
2818	Industrial organic chemicals, n.e.c.....	(S)	(S)	14.1	(S)
2819	Industrial inorganic chemicals, n.e.c.....	3,074.5	93.9	4.2	2,980.6
		SODIUM SULFATE (281976) (Quantity in 1,000 short tons of 100% Na <sub>2</sub> SO <sub>4</sub> )			
	Total.....	1,480.3	1,480.3	43.7	-
2611	Pulpmills.....	156.5	156.5	4.7	-
2621	Papermills, except building paper.....	601.8	601.8	17.5	-
2631	Paperboard mills.....	722.0	722.0	21.5	-

Standard Notes: -Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available.  
 (X) Not applicable.  
 n.e.c. Not elsewhere classified.  
<sup>1</sup>Includes data for liquid ash.

TABLE 3B. Rubber Consumed by Selected Industries: 1967 and 1963

Code	Industry	Natural rubber (08111, 086113, and 086115)				Synthetic rubber (282202 to 282209 inclusive)				Reclaimed rubber (303101)			
		1967		1963		1967		1963		1967		1963	
		Quantity (1,000 long tons)	Value (million dollars)	Quantity (1,000 long tons)	Value (million dollars)	Quantity (1,000 long tons)	Value (million dollars)	Quantity (1,000 long tons)	Value (million dollars)	Quantity (1,000 long tons)	Value (million dollars)	Quantity (1,000 long tons)	Value (million dollars)
	Total.....	(NA)	(NA)	436.8	262.7	(NA)	(NA)	1,208.0	616.0	<sup>1</sup> 222.6	42.5	<sup>1</sup> 258.3	49.4
3011	Tires and inner tubes.....	339.5	156.8	298.0	170.2	<sup>2</sup> 1,022.9	442.4	<sup>2</sup> 793.8	361.3	<sup>3</sup> 156.4	32.1	<sup>3</sup> 175.5	36.4
3021	Rubber footwear.....	16.1	8.2	18.0	10.5	(D)	(D)	13.6	6.9	.8	.2	<sup>3</sup> 1.3	.2
3031	Reclaimed rubber.....	130.3	68.2	116.2	79.1	423.7	256.3	353.8	221.8	<sup>3</sup> 65.4	10.2	<sup>3</sup> 81.5	12.8
3069	Fabricated rubber products, n.e.c.....												
3357	Nonferrous wire drawing, etc.....	(D)	(D)	4.6	2.9	49.3	28.7	46.9	26.1	(NA)	(NA)	(NA)	(NA)

Standard Notes: -Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.  
 n.e.c. Not elsewhere classified.

<sup>1</sup>Quantities include 37,194 long tons of reclaimed rubber produced and consumed in the same establishment in 1967, and 43,642 long tons in 1963. Value of this rubber is not reflected in the "Delivered cost" column.

<sup>2</sup>Quantities include less than 1 percent synthetic rubber produced and consumed in the same establishment. Value of this rubber is not reflected in the "Delivered cost" column.

<sup>3</sup>Quantities include the following percentages of reclaimed rubber which were produced and consumed in the same establishment: Industry 3011, between 12 and 15 percent; Industry 3021, between 25 and 50 percent; Industries 3031 and 3069, between 20 and 25 percent. Value of this rubber is not reflected in the "delivered cost" column.

## METALS, BEARINGS, AND MOTORS

This section presents data on the consumption of selected metal mill shapes and forms, castings, forgings, bearings, and motors.

### METAL MILL SHAPES, CASTINGS, AND FORGINGS

The materials used by the metal fabricating industries in producing machinery, automobiles, and thousands of other products consist primarily of metal mill shapes and forms, castings, and forgings. The tables which follow show the consumption, in terms of cost and quantity, of the most important of these metals--iron and steel, aluminum and aluminum-base alloys, and copper and copper-base alloys. No data are available for copper and copper-base alloy forgings.

The steel mill shapes are shown separately for three grades of steel: carbon, alloy, and stainless. Carbon steel is subdivided into six shapes, alloy steel into two shapes, while stainless steel is shown in total only.

The copper and copper-base alloy mill shapes are subdivided as follows: Bare wire for electrical conduction; insulated wire and cable; rod, bar, and mechanical wire; plate, sheet, and strip; and pipe and tube. There is a degree of duplication in the consumption of copper and copper-base mill shapes because of the inclusion in these tables of both bare wire for electrical conduction and insulated wire and cable. However, the consumption of bare wire by insulators of wire and cable is shown separately.

The aluminum and aluminum-base alloy mill shapes are subdivided as follows: Sheet, plate and foil; extruded shapes; and all other mill shapes.

For castings, consumption data are shown separately for iron, steel, aluminum and aluminum-base alloy, and copper and copper-base alloy. Forgings are shown separately for iron and steel and aluminum and aluminum-base alloy.

### INDUSTRY COVERAGE

General.--The tables on consumption by industry include data for approximately 100 metal-fabricating industries. These represent all significant users of metal in manufacturing, and are covered by Major Group 34, "Fabricated Metal Products," through Major Group 37, "Transportation Equipment," and several additional miscellaneous industries, including Major Group 25, "Furniture and Fixtures."

Although there were other metal consuming industries from which consumption data were either not collected or the quantities reported failed publication standards, the omission of these industries affects coverage only slightly.

To relieve very small metal consumers from reporting amounts negligible in terms of total consumption, a minimum usage requirement was established. Expenditures of less than \$5,000 for each shape or form were exempt from reporting both in terms of cost and quantity. It is estimated that the use of this minimum reporting requirement on the coverage of these materials would not, as a maximum, equal 2 percent of total manufacturing consumption.



When comparing consumption data with production figures, it should be noted that the consumption data cover manufacturing industries only. Consumption of these metal shapes in on-site construction, mining, farm uses, construction and maintenance of power lines, and in other nonmanufacturing areas, such as export, is not covered.

#### DEFINITION OF METAL MILL SHAPES AND FORMS

Although the inquiry on metals consumed on the 1967 census schedules did not include a definition of the metal shapes specified, the metal fabricating companies' familiarity with the terms and their meaning provided a high degree of uniformity in reporting. The term "bars and bar shapes" appearing in the tables showing steel consumption, includes hot-rolled and cold-finished bars, and tool-steel bars; "sheet and strip" includes hot- and cold-rolled, galvanized, and long ternes, but excludes tin plate, terne plate, and black plate; "wire and wire products" includes plain, galvanized, and other coated wire, as well as nails and spikes and the like; "all other carbon steel mill shapes and forms" includes ingots, billets, wire rods, concrete reinforcing bars, tin plate, terne plate, black plate, pipe, tubing, and rails, but not forgings or materials fabricated beyond the steel mill level.

The terms copper and copper-base alloy and aluminum rolled, drawn, and extruded shapes are similar to the steel mill products listed above; i.e., sheets, bars, tubing, wire, etc. They do not include wire bars, ingots, or other unrolled forms of copper or aluminum.

The data for bare copper wire are limited to wire for electrical conduction. Data for nonelectrical copper wire are included with rod and bar. The data for copper and copper-base alloy plate, sheet, and strip also include military cups and discs.

The castings (iron and steel, etc.) reported are only those in the rough and semifinished forms in which they are usually received from foundries. Castings, which had undergone extensive machining or other operations prior to their receipt at the consuming establishment, were considered as fabricated products rather than rough castings, and are not included in these data. However, such castings are reported as consumed by the establishments performing the machining operations.

Forgings.--To avoid duplication, data showing the consumption of iron and steel forgings are excluded from the totals for steel consumption since the quantities of forging stock, ingots, billets, and bars, used by the forging plants, are included in steel mill shapes and forms consumed. For this reason establishments in Industry 3391, "Iron and Steel Forgings" are classified as metal fabricators in table 4A rather than as producers of primary metals. In like manner, establishments in Industry 3392, "Nonferrous Forgings" are classified as metal fabricators in table 4C rather than as producers of aluminum and aluminum-base alloy mill shapes.

Bearings and Motors.--The consumption figures for bearings and motors account for most of the amounts used by establishments classified in manufacturing. The shipments figures for these products, however, also include amounts for exports, for use in nonmanufacturing activities, and for replacement and repair.

Comparable data for the year 1963 are available in Chapter 8, Volume I. Summary Statistics, 1963 Census of Manufactures.

TABLE 4A. Steel Mill Shapes and Forms Consumed,

Code	Industry group and industry <sup>1</sup>	All grades, total		Carbon steel					
				Bars and shapes (except concrete reinforcing bars) (331010, 331011, and 331043)		Sheet and strip (331012)		Plates (331013)	
		Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)
	Steel producing and fabricating industries, total.....	73,794.0	(X)	8,001.8	(X)	30,946.5	(X)	7,657.2	(X)
	Steel producing industries, total <sup>3</sup> ....	4,605.9	(X)	210.5	(X)	848.2	(X)	79.0	(X)
	Steel fabricating industries, total <sup>4</sup> ..	<sup>5</sup> 69,188.1	<sup>5</sup> 13,746.0	7,791.3	1,490.2	30,098.3	4,902.0	7,578.2	1,200.8
25	Furniture and fixtures.....	1,773.8	324.2	(X)	(X)	1,506.0	248.0	(X)	(X)
30	Rubber and plastics products, n.e.c.....	96.7	40.3	(X)	(X)	(X)	(X)	(X)	(X)
32	Stone, clay and glass products.....	119.5	18.4	(X)	(X)	(X)	(X)	(X)	(X)
33	Primary metal industries.....	<sup>5</sup> 2,106.9	<sup>5</sup> 410.3	933.9	145.7	(X)	(X)	(X)	(X)
34	Fabricated metal products.....	35,287.9	6,637.3	2,217.3	419.6	14,827.5	2,408.2	3,293.2	504.9
35	Machinery, except electrical.....	9,767.3	2,402.8	2,274.3	500.3	2,725.4	487.1	2,045.5	345.7
36	Electrical equipment and supplies.....	5,739.0	1,117.3	548.5	106.6	3,684.1	595.5	166.3	24.8
37	Transportation equipment.....	12,782.8	2,333.9	(D)	(D)	(D)	(D)	(D)	(D)
38	Instruments and related products.....	139.6	60.3	(D)	(D)	58.3	11.5	(D)	(D)
39	Miscellaneous manufacturing industries.....	322.4	110.4	(X)	(X)	(X)	(X)	(X)	(X)
19	Ordnance and accessories.....	1,052.2	290.8	(D)	(D)	(D)	(D)	(D)	(D)
25	Furniture and fixtures.....	1,773.8	324.2	(X)	(X)	1,506.0	248.0	(X)	(X)
2514	Metal household furniture.....	(NA)	74.7	(X)	(X)	283.2	43.1	(X)	(X)
2515	Mattresses and bedsprings.....	62.8	11.9	(X)	(X)	42.5	8.2	(X)	(X)
2521	Wood office furniture.....	14.4	4.3	(X)	(X)	9.9	2.8	(X)	(X)
2522	Metal office furniture.....	515.5	82.1	(X)	(X)	450.7	71.9	(X)	(X)
2531	Public building furniture.....	110.4	20.7	(X)	(X)	91.3	15.2	(X)	(X)
2541	Wood partitions and fixtures.....	(NA)	5.0	(X)	(X)	15.5	2.5	(X)	(X)
2542	Metal partitions and fixtures.....	(NA)	94.2	(X)	(X)	<sup>e</sup> 494.8	82.4	(X)	(X)
2591	Venetian blinds and shades.....	(NA)	19.8	(X)	(X)	86.6	16.8	(X)	(X)
2599	Furniture and fixtures, n.e.c.....	(NA)	11.5	(X)	(X)	<sup>e</sup> 31.5	5.1	(X)	(X)
30	Rubber and plastics products, n.e.c.....	96.7	40.3	(X)	(X)	(X)	(X)	(X)	(X)
3011	Tires and inner tubes.....	68.9	27.0	(X)	(X)	(X)	(X)	(X)	(X)
3031	Reclaimed rubber.....	27.8	13.3	(X)	(X)	(X)	(X)	(X)	(X)
3069	Fabricated rubber products, n.e.c.....								
32	Stone, clay, and glass products.....	119.5	18.4	(X)	(X)	(X)	(X)	(X)	(X)
3271	Concrete block and brick.....	8.0	1.5	(X)	(X)	(X)	(X)	(X)	(X)
3272	Concrete products, n.e.c.....	111.5	16.9	(X)	(X)	(X)	(X)	(X)	(X)
33	Primary metal industries.....	2,144.1	429.3	<sup>5</sup> 933.9	<sup>5</sup> 145.7	(X)	(X)	(X)	(X)
3391	Iron and steel forgings.....	2,106.9	410.3	933.9	145.7	(X)	(X)	(X)	(X)
34	Fabricated metal products.....	35,287.9	6,637.3	2,217.3	419.6	14,827.5	2,408.2	3,293.2	504.9
3411	Metal cans.....	5,348.4	1,180.7	(NA)	(NA)	(NA)	(NA)	(X)	(X)
3421	Cutlery.....	25.6	14.3	3.5	0.6	13.1	4.0	-	-
3423	Hand and edge tools, n.e.c.....	213.0	53.3	89.6	19.7	64.5	14.6	(D)	(D)
3425	Handsaws and saw blades.....	27.5	28.9	(D)	(D)	6.9	6.6	1.3	0.7
3429	Hardware, n.e.c.....	1,049.3	222.6	103.1	19.2	746.1	124.5	(D)	(D)
3431	Metal sanitary ware.....	48.3	14.0	(D)	(D)	(D)	(D)	(D)	(D)
3432	Plumbing fittings and brass goods.....	7.3	2.3	(X)	(X)	(D)	(D)	(D)	(D)
3433	Heating equipment, except electric.....	429.0	78.4	11.5	2.4	325.5	52.1	61.5	11.5
3441	Fabricated structural steel.....	5,367.8	859.4	376.4	59.9	377.3	64.6	1,047.2	162.2
3442	Metal doors, sash, and trim.....	318.0	64.4	(D)	(D)	243.1	40.4	6.7	1.1
3443	Fabricated platework (boiler shops).....	2,883.5	569.2	89.6	15.1	449.7	69.6	1,652.8	248.7
3444	Sheet metalwork.....	1,653.3	302.7	(D)	(D)	1,398.8	245.1	53.0	8.4
3446	Architectural metalwork.....	754.5	109.6	66.8	11.9	512.9	68.0	(D)	(D)
3449	Miscellaneous metalwork.....	2,323.6	333.0	323.3	45.5	645.3	115.6	105.0	18.5
3451	Screw machine products.....	401.4	119.6	328.2	85.0	11.1	2.3	0.6	0.2
3452	Bolts, nuts, rivets, and washers.....	1,381.2	296.5	329.5	57.4	184.9	35.3	34.0	4.3
3461	Metal stampings.....	9,329.8	1,617.1	145.8	33.9	8,191.3	1,300.1	133.8	19.9
3481	Miscellaneous fabricated wire products.....	1,186.0	288.1	36.8	6.9	98.5	22.6	(X)	(X)
3491	Metal barrels, drums, and pails.....	953.6	144.1	(D)	(D)	844.6	125.9	(X)	(X)
3492	Safes and vaults.....	38.3	9.7	(D)	(D)	(D)	(D)	(X)	(X)

See footnotes at end of table.



Carbon steel--Continued						Alloy steel						Code
Structural shapes (331015)		Wire and wire products (331017)		All other steel mill shapes and forms (331001, 331009, 331018, 331019, 331041, and 331042) <sup>2</sup>		Bars and bar shapes (except stainless) (331021 and 331046)		All other mill shapes and forms ( except stainless) (331020, 331025, 331029, 331044, and 331045)		Stainless steel mill shapes and forms (331031, 331047, 331048, and 331049		
Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	
5,316.1	(X)	3,630.9	(X)	12,511.6	(X)	2,073.6	(X)	2,614.0	(X)	741.7	(X)	
202.9	(X)	750.1	(X)	1,507.1	(X)	50.4	(X)	615.8	(X)	41.8	(X)	
5,113.2	839.0	2,880.8	690.0	11,004.5	2,284.7	2,023.2	632.8	1,998.2	842.5	699.9	864.0	
(X)	(X)	(X)	(X)	202.3	52.4	(X)	(X)	54.1	12.1	11.4	11.7	25
(X)	(X)	96.7	40.3	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	30
(X)	(X)	(X)	(X)	119.5	18.4	(X)	(X)	(X)	(X)	(X)	(X)	32
(X)	(X)	(X)	(X)	496.5	67.8	414.9	100.7	241.7	72.3	19.9	23.8	33
3,480.0	561.9	1,986.0	400.1	8,340.0	1,690.0	426.5	109.7	432.0	167.8	285.4	335.1	34
714.3	128.3	157.1	65.3	563.4	153.4	604.2	251.1	495.3	229.7	187.8	241.9	35
67.1	12.8	369.2	77.5	491.1	91.5	19.9	9.8	344.5	140.7	48.3	58.1	36
832.5	131.2	260.8	61.5	370.9	107.5	486.6	124.4	225.8	106.2	90.3	128.7	37
(D)	(D)	3.9	2.8	23.6	10.5	1.7	1.0	6.4	2.0	13.6	21.1	38
(X)	(X)	(X)	(X)	245.1	58.3	(X)	(X)	39.7	16.9	37.1	35.3	39
(D)	(D)	7.1	2.5	152.1	34.9	69.4	36.1	158.7	94.8	6.1	8.3	19
(X)	(X)	(X)	(X)	202.3	52.4	(X)	(X)	54.1	12.1	11.4	11.7	25
(X)	(X)	(X)	(X)	(NA)	24.7	(X)	(X)	(NA)	3.2	(NA)	3.7	2514
(X)	(X)	(X)	(X)	20.3	3.7	(X)	(X)	(X)	(X)	(X)	(X)	2515
(X)	(X)	(X)	(X)	(S)	1.5	(X)	(X)	(X)	(X)	(X)	(X)	2521
(X)	(X)	(X)	(X)	e31.3	6.5	(X)	(X)	e33.1	3.1	0.4	0.6	2522
(X)	(X)	(X)	(X)	e15.1	3.8	(X)	(X)	e3.7	1.3	e0.3	0.4	2531
(X)	(X)	(X)	(X)	e3.9	1.2	(X)	(X)	(NA)	0.6	(NA)	0.7	2541
(X)	(X)	(X)	(X)	(NA)	8.4	(X)	(X)	(NA)	1.6	1.9	1.8	2542
(X)	(X)	(X)	(X)	(NA)	1.0	(X)	(X)	(NA)	2.0	(X)	(X)	2591
(X)	(X)	(X)	(X)	e7.8	1.6	(X)	(X)	(NA)	0.3	(NA)	4.5	2599
(X)	(X)	96.7	40.3	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	30
(X)	(X)	68.9	27.0	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	3011
(X)	(X)	27.8	13.3	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	3031
(X)	(X)	(X)	(X)	119.5	18.4	(X)	(X)	(X)	(X)	(X)	(X)	3069
(X)	(X)	(X)	(X)	8.0	1.5	(X)	(X)	(X)	(X)	(X)	(X)	32
(X)	(X)	(X)	(X)	111.5	16.9	(X)	(X)	(X)	(X)	(X)	(X)	3271
(X)	(X)	(X)	(X)	496.5	67.8	414.9	100.7	241.7	72.3	19.9	23.8	3272
(X)	(X)	(X)	(X)	496.5	67.8	414.9	100.7	241.7	72.3	19.9	23.8	33
(X)	(X)	(X)	(X)	496.5	67.8	414.9	100.7	241.7	72.3	19.9	23.8	3391
3,480.0	561.9	1,986.0	440.1	8,340.0	1,690.0	426.5	109.7	432.0	167.8	285.4	335.1	34
(X)												

TABLE 4A. Steel Mill Shapes and Forms Consumed,

Code	Industry group and industry <sup>1</sup>	All grades, total		Carbon steel					
				Bars and shapes (except concrete reinforcing bars) (331010, 331011, and 331043)		Sheet and strip (331012)		Plates (331013)	
		Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)
34	Fabricated metal products--Continued								
3493	Steel springs.....	291.9	57.5	90.7	15.3	24.4	6.5	(X)	(X)
3494	Valves and pipe fittings.....	253.2	80.6	107.3	23.7	18.3	3.8	32.3	7.3
3498	Fabricated pipe and fittings.....	203.0	54.4	9.9	2.2	17.4	2.9	19.3	3.6
3499	Fabricated metal products, n.e.c.....	800.4	136.9	95.3	16.6	576.2	88.2	52.5	7.8
35	Machinery, except electrical.....	9,767.3	2,402.8	2,274.3	500.3	2,725.4	487.1	2,045.5	345.7
3511	Steam engines and turbines.....	158.2	60.4	(D)	(D)	(D)	(D)	(D)	(D)
3519	Internal combustion engines, n.e.c.....	175.5	43.0	47.6	11.5	98.2	20.0	11.0	2.1
3522	Farm machinery.....	2,033.9	352.4	584.4	100.3	921.7	143.9	156.8	23.4
3531	Construction machinery.....	1,491.9	266.3	412.4	70.5	141.8	22.3	591.0	93.4
3532	Mining machinery.....	217.9	45.3	54.3	10.9	12.0	1.7	84.9	14.0
3533	Oilfield machinery.....	287.0	68.1	65.8	12.2	(X)	(X)	52.2	8.4
3534	Elevators and moving stairways.....	72.0	14.5	13.8	2.5	14.2	2.5	8.9	1.5
3535	Conveyors and conveying equipment.....	282.2	53.7	54.0	9.6	82.7	13.5	50.4	8.0
3536	Hoists, cranes, and monorails.....	171.7	31.4	22.6	4.4	13.2	2.1	79.1	12.4
3537	Industrial trucks and tractors.....	241.9	44.1	64.6	11.1	57.8	9.0	66.7	11.5
3541	Machine tools, metal-cutting types.....	(NA)	54.8	58.7	19.0	14.1	3.2	36.9	7.2
3542	Machine tools, metal-forming types.....	(NA)	42.0	39.6	10.8	(NA)	0.9	137.9	20.9
3544	Special dies, tools, jigs, and fixtures.....	(NA)	100.0	62.5	30.4	42.2	10.5	89.7	19.7
3545	Machine tool accessories.....	79.6	68.5	31.0	10.8	8.5	2.0	5.1	1.5
3548	Metalworking machinery, n.e.c.....	(NA)	40.4	31.0	8.2	24.8	5.7	66.1	12.0
3551	Food products machinery.....	141.3	45.1	33.4	7.6	35.7	6.4	28.6	5.6
3552	Textile machinery.....	108.3	39.9	49.4	13.5	28.3	7.4	(X)	(X)
3553	Woodworking machinery.....	29.7	8.7	(D)	(D)	(D)	(D)	(D)	(D)
3554	Paper industries machinery.....	82.4	27.7	22.8	6.0	(X)	(X)	41.3	7.2
3555	Printing trades machinery.....	(NA)	13.5	23.2	7.4	3.8	1.0	4.6	1.7
3559	Special industry machinery, n.e.c.....	(NA)	101.1	69.2	15.6	44.1	7.8	120.0	21.1
3561	Pumps and compressors.....	207.1	56.2	40.0	10.4	32.8	5.6	44.7	7.0
3562	Ball and roller bearings.....	507.1	210.9	34.1	10.8	71.9	16.3	(D)	(D)
3564	Blowers and fans.....	153.3	30.3	14.8	2.9	91.0	15.2	24.3	4.2
3565	Industrial patterns.....	(NA)	0.9	(NA)	0.2	(NA)	0.2	(NA)	(D)
3566	Power transmission equipment.....	286.2	79.0	89.4	21.3	80.9	19.6	42.7	8.2
3567	Industrial furnaces and ovens.....	129.4	41.0	(X)	(X)	27.0	4.6	52.7	9.2
3569	General industrial machinery, n.e.c.....	(NA)	47.4	40.4	9.2	34.7	6.4	42.2	7.8
3572	Typewriters.....	30.0	8.7	(D)	(D)	(D)	(D)	(X)	(X)
3573	Electronic computing equipment.....	(NA)	15.4	1.8	0.8	(NA)	5.8	(X)	(X)
3574	Calculating and accounting machines.....	43.7	12.0	( <sup>5</sup> )	( <sup>5</sup> )	30.1	7.6	(X)	(X)
3576	Scales and balances.....	27.6	5.9	2.0	0.5	17.5	3.1	(X)	(X)
3579	Office machines, n.e.c.....	29.0	10.6	2.6	0.8	17.3	5.2	(X)	(X)
3581	Automatic merchandising machines.....	(NA)	14.8	(NA)	0.2	70.0	12.8	(D)	(D)
3582	Commercial laundry equipment.....	(NA)	11.2	5.8	1.2	17.6	3.0	8.9	1.6
3585	Refrigeration machinery.....	662.0	139.8	80.3	18.4	457.5	81.1	39.9	6.4
3586	Measuring and dispensing pumps.....	41.6	10.2	(D)	(D)	21.7	3.6	(D)	(D)
3589	Service industry machines, n.e.c.....	109.9	36.6	10.0	2.9	35.6	7.3	31.0	7.0
3599	Miscellaneous machinery, except electrical...	446.7	151.0	163.3	44.8	86.1	17.0	58.3	11.6
36	Electrical equipment and supplies.....	5,739.0	1,117.3	548.5	106.6	3,684.1	595.5	166.3	24.8
3611	Electric measuring instruments.....	18.3	6.6	1.1	0.5	11.8	2.8	( <sup>1</sup> )	( <sup>1</sup> )
3612	Transformers.....	409.2	138.2	18.2	3.0	138.6	43.4	57.0	7.6
3613	Switchgear and switchboard apparatus.....	(NA)	52.5	39.8	6.5	198.3	31.4	17.8	2.8
3621	Motors and generators.....	(NA)	157.7	83.8	17.5	590.1	103.9	60.3	9.8
3622	Industrial controls.....	61.3	15.2	4.2	1.2	33.3	6.6	2.7	0.4
3623	Welding apparatus.....	297.7	59.8	8.9	1.9	55.0	9.4	(X)	(X)
3631	Household cooking equipment.....	(NA)	51.4	(X)	(X)	277.5	44.4	(D)	(D)
3632	Household refrigerators and freezers.....	709.6	72.2	(D)	(D)	600.7	48.5	(D)	(D)
3633	Household laundry equipment.....	(NA)	96.3	(NA)	(D)	449.9	75.0	(X)	(X)
3634	Electric housewares and fans.....	(NA)	41.1	(NA)	2.1	119.2	24.6	(NA)	(D)
3635	Household vacuum cleaners.....	(NA)	7.1	1.3	0.3	27.2	5.0	(X)	(X)
3636	Sewing machines.....	(NA)	2.0	(NA)	(D)	(NA)	(D)	(NA)	(D)
3639	Household appliances, n.e.c.....	328.3	53.7	1.3	0.3	293.3	41.2	9.4	1.3
3642	Lighting fixtures.....	352.7	64.9	11.5	1.8	293.9	47.4	4.7	0.5
3643	Current-carrying wiring devices.....	74.5	16.9	6.2	1.3	49.0	8.6	(X)	(X)
3644	Noncurrent-carrying wiring devices.....	(NA)	93.5	92.5	14.1	226.4	37.9	(X)	(X)
3651	Radio and TV receiving sets.....	(NA)	19.3	9.8	3.3	38.1	7.2	(X)	(X)
3661	Telephone and telegraph apparatus.....	(NA)	32.7	20.7	3.9	82.8	16.6	(X)	(X)

See footnotes at end of table.



## by Selected Industry Groups and Industries: 1967--Continued

Carbon steel--Continued						Alloy steel						Code
Structural shapes (331015)		Wire and wire products (331017)		All other steel mill shapes and forms (331001, 331009, 331018, 331019, 331041, and 331042) <sup>2</sup>		Bars and bar shapes (except stainless) (331021 and 331046)		All other mill shapes and forms (except stainless) (331020, 331025, 331029, 331044 and 331045)		Stainless steel mill shapes and forms (331031, 331047, 331048 and 331049)		
Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	
(X)	(X)	11.0	5.1	1.2	0.2	155.8	28.0	8.6	2.0	0.2	0.4	3493
(X)	(X)	(X)	(X)	53.8	14.1	12.9	4.1	11.6	4.7	17.0	22.9	3494
(X)	(X)	1.0	0.5	<sup>6</sup> 137.2	<sup>6</sup> 29.1	5.2	3.0	9.6	6.8	3.4	6.3	3498
18.1	2.8	11.3	3.2	<sup>6</sup> 34.6	<sup>6</sup> 6.4	2.8	1.4	4.3	2.6	5.3	7.9	3499
714.3	128.3	157.1	65.3	563.4	153.4	604.2	251.1	495.3	229.7	187.8	241.9	35
(D)	(D)	(X)	(X)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3511
1.8	0.4	(X)	(X)	5.1	1.6	(D)	(D)	(D)	(D)	2.8	3.6	3519
106.5	17.1	32.1	8.0	<sup>6</sup> 149.7	<sup>6</sup> 35.2	52.4	10.7	24.2	7.1	6.1	6.7	3522
108.9	17.6	8.6	3.6	<sup>6</sup> 94.8	<sup>6</sup> 23.4	65.7	15.9	68.0	18.6	0.7	1.0	3531
25.2	4.0	(D)	(D)	<sup>6</sup> 6.8	<sup>6</sup> 2.3	(D)	(D)	(D)	(D)	1.0	1.4	3532
26.5	4.4	(X)	(X)	22.7	7.0	96.4	25.7	20.5	6.4	2.9	4.0	3533
18.1	3.2	(D)	(D)	(D)	(D)	(D)	(D)	0.1	(Z)	1.3	1.6	3534
69.2	10.9	3.1	1.9	<sup>6</sup> 17.4	<sup>6</sup> 4.7	(X)	(X)	2.6	1.2	2.8	3.9	3535
32.6	5.6	0.8	0.5	9.6	2.5	(D)	(D)	(D)	(D)	(D)	(D)	3536
25.4	5.0	(D)	(D)	<sup>6</sup> 17.4	<sup>6</sup> 4.7	(X)	(X)	(D)	(D)	(D)	(D)	3537
9.0	2.7	(NA)	(D)	(NA)	<sup>6</sup> 3.7	26.7	13.7	3.1	3.3	2.3	2.0	3541
6.4	1.2	(NA)	0.2	<sup>6</sup> 0.6	<sup>6</sup> 0.3	11.6	5.6	3.5	1.5	0.6	0.6	3542
10.3	2.9	(NA)	0.8	5.6	3.6	(NA)	24.1	5.2	4.6	2.4	3.4	3544
3.0	1.0	0.9	0.5	3.4	1.8	23.5	44.5	3.4	5.0	0.8	1.4	3545
15.8	2.8	0.8	0.9	<sup>6</sup> 6.0	<sup>6</sup> 2.1	11.9	5.6	5.3	2.4	(NA)	0.7	3548
16.2	2.9	(X)	(X)	8.2	2.5	(X)	(X)	5.7	2.7	13.5	17.4	3551
10.3	2.1	7.0	5.9	4.1	1.4	(X)	(X)	4.4	2.3	4.8	7.3	3552
(X)	(X)	(X)	(X)	(D)	(D)	(X)	(X)	(D)	(D)	(D)	(D)	3553
(X)	(X)	(X)	(X)	10.5	2.9	(X)	(X)	3.4	1.5	4.4	10.1	3554
(X)	(X)	(X)	(X)	<sup>6</sup> 4.2	<sup>6</sup> 1.4	(NA)	(D)	(NA)	(D)	0.5	0.6	3555
38.5	6.9	(NA)	2.5	<sup>6</sup> 21.9	<sup>6</sup> 5.7	12.0	6.4	(NA)	5.8	21.5	29.3	3559
33.9	5.7	(X)	(X)	24.3	7.4	18.4	6.0	2.3	1.7	10.7	12.4	3561
(D)	(D)	56.4	20.3	(D)	(D)	114.3	44.3	216.2	110.9	2.7	4.1	3562
5.4	1.1	1.2	0.8	7.0	1.5	(X)	(X)	8.1	2.3	1.5	2.3	3564
(NA)	(D)	(NA)	(D)	(NA)	(D)	(NA)	(D)	(NA)	(D)	(NA)	(D)	3565
2.3	0.6	4.1	2.4	10.0	3.1	31.4	10.1	23.2	10.6	2.2	3.1	3566
27.8	4.9	(X)	(X)	9.6	2.1	(X)	(X)	(D)	(D)	(D)	(D)	3567
25.2	5.4	(NA)	0.9	<sup>6</sup> 7.6	<sup>6</sup> 2.2	5.7	2.5	5.2	2.8	5.8	10.2	3569
(X)	(X)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3572
( <sup>6</sup> )	( <sup>6</sup> )	2.9	3.6	<sup>6</sup> 6.7	<sup>6</sup> 2.1	(X)	(X)	(D)	(D)	(D)	(D)	3573
(D)	(D)	(D)	(D)	(D)	(D)	(X)	(X)	(D)	(D)	(D)	(D)	3574
5.8	1.0	(D)	(D)	(D)	(D)	(X)	(X)	(D)	(D)	(D)	(D)	3576
(D)	(D)	(D)	(D)	(D)	(D)	(X)	(X)	0.2	0.2	0.4	0.5	3579
(D)	(D)	(X)	(X)	(D)	(D)	(X)	(X)	0.9	0.6	0.8	0.9	3581
(NA)	0.3	(X)	(X)	3.0	0.8	(X)	(X)	0.8	0.3	3.2	4.0	3582
26.8	4.9	7.5	1.8	26.0	7.0	(X)	(X)	8.3	1.8	15.7	18.4	3585
(D)	(D)	(X)	(X)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3586
(D)	(D)	(X)	(X)	(D)	(D)	(X)	(X)	(D)	(D)	(D)	(D)	3589
42.5	7.6	13.1	4.7	<sup>6</sup> 22.7	<sup>6</sup> 8.8	29.2	18.5	10.1	5.7	21.4	32.3	3599
67.1	12.8	369.2	77.5	491.1	91.5	19.9	9.8	344.5	140.7	48.3	58.1	36
0.5	0.1	0.8	0.8	0.9	0.5	(D)	(D)	(D)	(D)	0.5	0.9	3611
9.3	1.6	(X)	(X)	21.0	10.6	(X)	(X)	164.0	71.0	1.1	1.0	3612
14.8	2.6	(X)	(X)	(NA)	4.5	(X)	(X)	5.1	2.2	2.3	2.5	3613
(X)	(X)	(NA)	2.3	24.2	6.3	(X)	(X)	51.6	14.9	2.1	3.0	3621
2.9	0.5	(X)	(X)	1.2	0.4	(X)	(X)	15.3	4.0	1.7	2.1	3622
4.3	0.7	182.4	30.6	28.1	4.1	(X)	(X)	14.4	6.4	4.6	6.7	3623
(D)	(D)	(D)	(D)	3.9	0.8	(D)	(D)	(D)	(D)	(D)	(D)	3631
(D)	(D)	6.5	1.4	(D)	(D)	(X)	(X)	(D)	(D)	(D)	(D)	3632
(X)	(X)	(NA)	(D)	(NA)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3633
(NA)	(D)	(NA)	(D)	(NA)	(D)	(NA)	(D)	(NA)	(D)	(NA)	(D)	3634
-	-	(NA)	0.3	1.8	0.8	(NA)	(D)	(NA)	(D)	(NA)	(D)	3635
(NA)	(D)	(NA)	(D)	(NA)	(D)	(NA)	(D)	(NA)	(D)	(NA)	(D)	3636
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3639
9.3	1.5	15.4	3.9	7.8	1.8	0.2	0.3	6.4	4.2	3.5	3.5	3642
(X)	(X)	11.1	2.2	0.3	0.2	(X)	(X)	6.3	2.6	1.6	2.0	3643
(X)	(X)	(NA)	3.6	284.6	32.8	(X)	(X)	(D)	(D)	(D)	(D)	3644
(X)	(X)	(X)	(X)	(NA)	3.0	(X)	(X)	(D)	(D)	(D)	(D)	3651
(X)	(X)	(X)	(X)	8.5	2.0	(NA)	(D)	(NA)	(D)	(NA)	(D)	3661

TABLE 4A. Steel Mill Shapes and Forms Consumed,

Code	Industry group and industry <sup>1</sup>	All grades, total		Carbon steel					
				Bars and shapes (except concrete reinforcing bars) (331010, 331011, and 331043)		Sheet and strip (331012)		Plates (331013)	
		Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)
36	Electrical equipment and supplies--Con....								
3662	Radio and TV communication equipment.....	(NA)	24.4	14.1	3.2	22.7	4.5	(X)	(X)
3671	Electron tubes, receiving type.....	(NA)	(D)	(NA)	(D)	(NA)	(D)	(X)	(X)
3672	Cathode ray picture tubes.....	(D)	(D)	(D)	(D)	(D)	(D)	(X)	(X)
3673	Electron tubes, transmitting.....	4.3	3.2	(D)	(D)	(D)	(D)	(X)	(X)
3674	Semiconductors.....	5.2	3.4	(D)	(D)	(D)	(D)	(X)	(X)
3679	Electronic components, n.e.c.....	(NA)	48.1	6.4	1.5	35.6	11.3	(X)	(X)
3694	Engine electrical equipment.....	(NA)	55.9	105.6	21.7	128.4	23.1	(D)	(D)
3699	Electrical equipment, n.e.c.....	1.9	1.2	(X)	(X)	(X)	(X)	(X)	(X)
37	Transportation equipment.....	12,782.8	2,333.9	(D)	(D)	(D)	(D)	(D)	(D)
3711	Motor vehicles.....	1,499.1	266.7	145.5	23.7	1,164.4	198.0	27.3	5.0
3713	Truck and bus bodies.....	408.7	70.7	31.6	5.5	262.9	43.4	54.5	8.0
3714	Motor vehicle parts and accessories.....	6,898.3	1,173.0	751.5	135.1	5,061.3	774.1	288.6	44.2
3715	Truck trailers.....	(NA)	62.4	13.5	2.3	126.3	21.4	46.7	7.9
3721	Aircraft.....	67.8	28.1	29.5	7.4	11.4	2.2	3.5	0.9
3722	Aircraft engines and engine parts.....	87.4	81.6	16.1	3.5	7.6	2.3	6.2	1.6
3729	Aircraft equipment, n.e.c.....	116.2	61.9	23.8	5.5	26.0	5.7	12.2	1.5
3731	Ship building and repairing.....	1,120.2	183.1	109.7	18.1	91.2	14.9	656.6	97.7
3732	Boat building and repairing.....	20.6	3.7	1.5	0.2	8.4	1.2	6.8	1.2
3741	Locomotives and parts.....	157.4	25.4	14.6	2.6	27.9	4.2	79.7	11.2
3742	Railroad and street cars.....	1,579.8	285.1	123.8	22.0	198.4	29.6	762.9	120.4
3751	Motorcycles, bicycles, and parts.....	131.0	22.3	(D)	(D)	(D)	(D)	(D)	(D)
3791	Trailer coaches.....	(NA)	33.2	3.4	0.7	26.5	5.8	(X)	(X)
3799	Transportation equipment, n.e.c.....	(NA)	36.7	33.0	5.3	131.3	19.2	10.8	1.6
38	Instruments and related products.....	139.6	60.3	(D)	(D)	58.3	11.5	(D)	(D)
3811	Engineering and scientific instruments.....	(NA)	9.4	1.1	0.4	23.7	3.8	0.4	0.1
3821	Mechanical measuring devices.....	44.1	22.1	17.1	5.5	10.3	2.8	2.3	0.6
3822	Automatic temperature controls.....	36.7	16.1	5.6	2.2	24.3	4.9	(D)	(D)
3831	Optical instruments and lenses.....	1.7	1.7	(D)	(D)	(X)	(X)	(X)	(X)
3861	Photographic equipment and supplies.....	27.5	10.9	(X)	(X)	(X)	(X)	(X)	(X)
39	Miscellaneous manufacturing industries....	322.4	110.4	(X)	(X)	(X)	(X)	(X)	(X)
3914	Silverware and plated ware.....	27.5	25.4	(X)	(X)	(X)	(X)	(X)	(X)
3941	Games and toys.....	72.8	16.4	(X)	(X)	(X)	(X)	(X)	(X)
3942	Dolls.....	(NA)	0.2	(X)	(X)	(X)	(X)	(X)	(X)
3943	Children's vehicles, except bicycles.....	51.9	10.9	(X)	(X)	(X)	(X)	(X)	(X)
3949	Sporting and athletic goods, n.e.c.....	82.2	25.6	(X)	(X)	(X)	(X)	(X)	(X)
3963	Buttons.....	2.1	1.0	(X)	(X)	(X)	(X)	(X)	(X)
3964	Needles, pins, and fasteners.....	41.8	13.7	(X)	(X)	(X)	(X)	(X)	(X)
3999	Manufactures, n.e.c.....	44.0	17.2	(X)	(X)	(X)	(X)	(X)	(X)
19	Ordnance and accessories.....	1,052.2	290.8	(D)	(D)	(D)	(D)	(D)	(D)
1925	Complete guided missiles.....	21.6	10.9	(D)	(D)	(D)	(D)	(D)	(D)
1929	Ammunition, except for small arms, n.e.c.....	689.3	117.7	425.4	61.2	23.2	6.0	(D)	(D)
1931	Tanks and tank components.....	63.9	43.2	(D)	(D)	(D)	(D)	(D)	(D)
1951	Small arms.....	22.5	8.7	11.2	2.9	3.6	1.0	(D)	(D)
1961	Small arms ammunition.....	155.9	85.6	(D)	(D)	(D)	(D)	(D)	(D)
1999	Ordnance and accessories, n.e.c.....	99.0	24.7	23.5	5.5	14.2	2.7	(D)	(D)
1911	Guns, howitzers, and mortars.....								

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. (Z) Less than one-half the unit of measure. <sup>a</sup>Between 10-30 percent of this figure was imputed. (S) Suppressed because data did not meet publication standards.

<sup>1</sup>Major Group (2-digit totals include (a) data for individual industries for which data are published as well as for those industries which could not be published without disclosing the operations of individual companies, and (b) an estimate of quantities for industries for which cost data were publishable but for which quantity data were suppressed because of significant nonreporting of quantity figures. The estimates for quantities are based on an average for a 2-digit industry group derived from those industry totals within the group for which valid totals of quantity and associated cost were reported.

<sup>2</sup>Includes data on the consumption of tin plate, black plate, and terne plate which amounted to 5,821.7 thousand short tons at a cost of \$1,270.5 million. Also includes concrete reinforcing bars which totaled 1,532.6 thousand short tons at a cost of \$185.8 million. Separate consumption statistics for these materials for selected industries are available in the industry by materials tables in another portion of this report.



## by Selected Industry Groups and Industries: 1967--Continued

						Carbon steel						Code
Structural shapes (331015)		Wire and wire products (331017)		All other steel mill shapes and forms (331001, 331009, 331018, 331019, 331041, and 331042) <sup>a</sup>		Bars and bar shapes (except stainless) (331021 and 331046)		All other mill shapes and forms (except stainless) (331020, 331025, 331029, 331044 and 331045)		Stainless steel mill shapes and forms (331031, 331047, 331048 and 331049)		
Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	
16.0 (NA) (D) (D) (D) (D) 0.9 (X) (X)	2.9 (D) (D) (D) (D) (D) 0.7 (X) (X)	(NA) (NA) (D) (D) (D) (NA) (NA) (X)	3.9 (D) (D) (D) (D) (D) 11.1 4.6 (X)	3.1 (NA) (D) (D) (D) (D) 3.1 (D) 0.7	1.1 (D) (D) (D) (D) (D) 2.2 (D) 0.3	9.6 (NA) (D) (D) (D) (D) 4.6 (X) (X)	3.0 (D) (D) (D) (D) (D) 3.7 (X) (X)	1.1 (NA) (D) (D) (D) (D) 21.5 3.0 0.8	1.1 (D) (D) (D) (D) (D) 12.0 0.7 0.6	3.2 (NA) (D) (D) (D) (D) 3.2 - 0.4	4.7 (D) (D) (D) (D) (D) 5.6 - 0.3	3662 3671 3672 3673 3674 3679 3694 3699
832.5	131.2	260.8	61.5	370.9	107.5	486.6	124.4	225.8	106.2	90.3	128.7	37
15.8 34.0 21.7 38.0 2.4 0.7 3.6	3.2 5.5 3.4 6.5 0.7 0.3 0.6	1.4 3.5 226.7 (NA) (D) 0.9 3.8	0.5 0.9 52.8 0.3 (D) 0.7 0.9	17.1 7.1 6144.1 12.6 (D) 9.5 3.1	4.7 1.9 645.8 3.9 (D) 3.1 0.7	106.4 0.9 325.5 8.4 7.1 20.0 16.6	26.0 0.3 66.0 2.1 3.8 16.7 8.9	20.1 11.6 52.9 23.8 6.5 11.3 10.7	4.7 2.6 27.4 5.4 4.0 14.5 6.9	1.1 2.6 26.0 16.1 4.5 15.1 16.4	0.9 2.6 24.2 12.6 7.7 38.9 31.2	3711 3713 3714 3715 3721 3722 3729
185.4 2.0 (D) 340.4 (D) (NA) (NA)	29.4 0.3 (D) 52.0 (D) 21.2 5.2	6.5 0.1 (D) 5.7 (D) (X) (NA)	2.0 (Z) (D) 1.0 (D) (X) 0.8	50.8 0.5 (D) 95.3 (D) (NA) 5.1	9.2 0.1 (D) 29.2 (D) 1.2 1.5	(X) (X) (X) (X) (D) (X)	(X) (X) (X) (X) (D) (X)	16.2 1.0 (D) (D) (D) (D) (NA)	7.0 0.2 (D) (D) (D) (D) (D)	3.8 0.3 (D) (D) (D) (D) (NA)	4.8 0.5 (D) (D) (D) (D) (D)	3731 3732 3741 3742 3751 3791 3799
(D)	(D)	3.9	2.8	23.6	10.5	1.7	1.0	6.4	2.0	13.6	21.1	38
0.6 3.8 (D) (X) (X)	0.2 0.8 (D) (X) (X)	(NA) 2.5 (D) (D) (X)	(D) 1.3 (D) (D) (X)	(NA) 1.9 (D) (D) 18.7	(D) 1.2 (D) (D) 5.3	0.2 1.3 (D) (D) (X)	0.1 0.7 (D) (D) (X)	0.4 0.5 (D) (D) 5.1	0.2 0.4 (D) (D) 1.2	2.2 4.4 (D) (D) 3.7	3.6 8.8 (D) (D) 4.4	3811 3821 3822 3831 3861
(X)	(X)	(X)	(X)	245.1	58.3	(X)	(X)	39.7	16.9	37.1	35.3	39
(X) (X) (X) (X) (X) (X) (X) (X) (X)	(X) (X) (X) (X) (X) (X) (X) (X) (X)	(X) (X) (X) (X) (X) (X) (X) (X) (X)	(X) (X) (X) (X) (X) (X) (X) (X) (X)	(D) 62.4 (D) (D) 70.4 1.4 29.7 29.3	(D) 12.4 (D) (D) 18.6 0.4 8.7 7.0	(X) (X) (X) (X) (X) (X) (X)	(X) (X) (X) (X) (X) (X) (X)	(D) (D) (D) (D) (D) (D) 10.8 7.4	(D) (D) (D) (D) (D) (D) 2.9 3.7	(D) (D) (D) (D) (D) (D) 1.3 7.3	(D) (D) (D) (D) (D) (D) 2.1 2.1 6.5	3914 3941 3942 3943 3949 3963 3964 3999
(D)	(D)	7.1	2.5	152.1	34.9	69.4	36.1	158.7	94.8	6.1	8.3	19
(D) (D) (X) (X) (X) (D)	(D) (D) (X) (X) (X) (D)	(D) (D) (D) (D) (D) (D)	(D) (D) (D) (D) (D) (D)	(D) (D) (D) (D) (D) (D)	(D) (D) (D) (D) (D) (D)	(D) (D) (D) (D) (D) (D)	(D) (D) (D) (D) (D) (D)	(D) (D) (D) (D) (D) (D)	(D) (D) (D) (D) (D) (D)	2.0 (D) (D) (D) (D) (D)	3.5 (D) (D) (D) (D) (D)	1925 1929 1931 1951 1961 1999 1911

<sup>3</sup>The "Steel producing industries" include steel works and rolling mills, wire drawing establishments, independent pipe mills and cold rolling, drawing, and finishing establishments, but exclude forging plants (industry 3391, Iron and Steel Forgings) which are classified in this table as metal fabricators. To avoid duplication by counting both the forgings and bars and billets from which forgings are made, information for forgings is excluded. Also to eliminate duplication, the data shown for the "Steel producing industries" are limited to the mill shapes and forms consumed in the production of fabricated products or in maintenance and repair work and exclude the consumption of these products in the manufacture of other basic shapes and forms. The source of these data is Current Industrial Reports Series MA33B, "Steel Mill Products."

<sup>4</sup>The "Metal fabricating industries" include establishments whose primary activity is the manufacture of products fabricated beyond the metal mill level.

<sup>5</sup>Excludes industry 3392, Nonferrous Forgings. The total for all grades for this industry is 37.2 thousand short tons at a cost of \$19.0 million.

<sup>6</sup>These figures are understated because of apparent undercoverage of carbon steel pipe and tube. The approximate amounts of undercoverage are shown in the separate industry reports.

TABLE 4B. Copper and Copper-Base Alloy Mill Shapes and Forms Consumed, By Selected Industry Groups and Industries: 1967

Code	Industry group and industry <sup>1</sup>	Bare wire (for electrical conduction) (335725 and 335728)		Insulated wire and cable (335790)		Brass mill shapes							
						Total		Rod, bar, and mechanical wire (335102)		Plate, sheet, and strip (335003, 335100, 335109, and 335123)		Pipe and tube (335127)	
		Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds copper content)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)
	Metal fabricating industries, total <sup>2</sup> .....	<sup>3</sup> 863.0	515.3	<sup>4</sup> 689.5	562.3	<sup>5</sup> 2,030.6	1,183.6	<sup>5</sup> 829.4	447.7	<sup>5</sup> 772.7	480.3	<sup>5</sup> 428.5	255.6
33	Primary metal industries.....	432.8	211.3	<sup>3</sup> 73.8	51.2	30.6	23.6	(X)	(X)	30.6	23.6	(X)	(X)
34	Fabricated metal products.....	23.7	16.4	5.7	4.6	<sup>6</sup> 7596.0	<sup>6</sup> 7320.4	<sup>7</sup> 377.7	<sup>7</sup> 190.9	<sup>7</sup> 108.3	<sup>7</sup> 77.7	<sup>6</sup> 7110.0	<sup>6</sup> 751.8
35	Machinery, except electrical.....	19.7	13.5	73.4	70.7	<sup>6</sup> 334.6	<sup>6</sup> 202.7	95.2	63.6	68.9	39.2	<sup>6</sup> 170.5	<sup>6</sup> 99.9
36	Electrical equipment and supplies.....	287.2	221.2	466.8	371.5	414.7	276.3	184.7	118.0	131.1	92.4	98.9	65.9
37	Transportation equipment.....	96.0	49.7	62.5	57.5	<sup>6</sup> 309.3	<sup>6</sup> 154.3	<sup>6</sup> 104.9	<sup>6</sup> 37.3	<sup>6</sup> 167.4	<sup>6</sup> 89.2	<sup>6</sup> 37.0	<sup>6</sup> 27.8
38	Instruments and related products..	(D)	(D)	(D)	(D)	38.6	27.1	(D)	(D)	(D)	(D)	9.4	8.2
39	Miscellaneous manufacturing industries.....	(X)	(X)	(X)	(X)	68.6	50.3	(X)	(X)	68.6	50.3	(X)	(X)
19	Ordinance and accessories.....	(D)	(D)	(D)	(D)	<sup>6</sup> 218.8	<sup>6</sup> 117.9	(D)	(D)	(D)	(D)	(D)	(D)
33	Primary metal industries.....	432.8	211.3	<sup>3</sup> 73.8	51.2	30.6	23.6	(X)	(X)	30.6	23.6	(X)	(X)
3357	Nonferrous wire drawing and insulating.....	432.8	211.3	73.8	51.2	30.6	23.6	(X)	(X)	30.6	23.6	(X)	(X)
34	Fabricated metal products.....	23.7	16.4	5.7	4.6	<sup>6</sup> 7596.0	<sup>6</sup> 7320.4	<sup>7</sup> 377.7	<sup>7</sup> 190.9	<sup>7</sup> 108.3	<sup>7</sup> 77.7	<sup>6</sup> 7110.0	<sup>6</sup> 751.8
3421	Cutlery.....	(X)	(X)	(X)	(X)	1.4	1.2	(D)	(D)	(D)	(D)	(D)	(D)
3423	Hand and edge tools, n.e.c.....	(X)	(X)	(X)	(X)	(S)	(S)	2.1	1.6	.4	.3	(S)	(S)
3429	Hardware, n.e.c.....	2.4	1.8	(X)	(X)	(S)	(S)	26.2	12.8	30.1	18.3	(S)	(S)
3431	Metal sanitary ware.....	(X)	(X)	-	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3432	Plumbing fittings and brass goods.....	(X)	(X)	(D)	(D)	95.0	47.3	64.0	27.8	7.4	4.5	23.6	15.0
3433	Heating equipment, except electric.....	(X)	(X)	(X)	(X)	(NA)	20.8	6.3	4.1	(NA)	2.2	25.2	14.5
3441	Fabricated structural steel.....	(X)	(X)	(X)	(X)	(S)	(S)	(D)	(D)	(D)	(D)	(S)	(S)
3442	Metal doors, sash, and trim.....	(X)	(X)	(X)	(X)	(S)	(S)	.5	.3	1.3	.8	(S)	(S)
3443	Fabricated platework (boiler shops).....	(X)	(X)	(X)	(X)	(S)	(S)	2.9	3.3	6.9	5.6	(S)	(S)
3444	Sheet metalwork.....	(X)	(X)	(X)	(X)	(S)	(S)	(NA)	1.0	(NA)	4.0	(S)	(S)
3446	Architectural metalwork.....	(X)	(X)	(X)	(X)	(NA)	4.5	(D)	(D)	(D)	(D)	(D)	(D)
3449	Miscellaneous metalwork.....	(X)	(X)	(X)	(X)	(NA)	2.2	.5	.3	(NA)	1.6	(NA)	.3
3451	Screw machine products.....	13.4	8.0	(X)	(X)	89.2	44.6	84.4	41.6	.3	.7	4.5	2.3
3452	Bolts, nuts, rivets, and washers..	3.9	2.9	(X)	(X)	52.3	36.6	(D)	(D)	(D)	(D)	(D)	(D)
3461	Metal stampings.....	4.0	3.7	(X)	(X)	(S)	(S)	8.4	3.9	35.5	28.2	(S)	(S)
3481	Miscellaneous fabricated wire products.....	(X)	(X)	(X)	(X)	(S)	(S)	10.4	6.8	1.5	1.7	(S)	(S)
3494	Valves and pipe fittings.....	(X)	(X)	3.6	3.0	(NA)	77.2	115.2	60.0	(NA)	3.1	26.4	14.1
3498	Fabricated pipe and fittings.....	(X)	(X)	.2	.2	(S)	(S)	(D)	(D)	(D)	(D)	(S)	(S)
3499	Fabricated metal products, n.e.c..	(X)	(X)	1.9	1.4	(S)	(S)	1.3	.9	4.1	3.0	(S)	(S)
35	Machinery, except electrical..	19.7	13.5	73.4	70.7	<sup>6</sup> 334.6	<sup>6</sup> 202.7	95.2	63.6	68.9	39.2	<sup>6</sup> 170.5	<sup>6</sup> 99.9
3511	Steam engines and turbines.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3519	Internal combustion engines, n.e.c..	(D)	(D)	2.5	2.9	(NA)	8.4	(D)	(D)	(D)	(D)	(NA)	1.6
3522	Farm machinery.....	(X)	(X)	(X)	(X)	(S)	(S)	2.3	1.6	(NA)	3.6	(S)	(S)
3531	Construction machinery.....	(X)	(X)	.9	.9	(S)	(S)	(NA)	.8	(NA)	.5	(S)	(S)
3532	Mining machinery.....	(D)	(D)	(D)	(D)	(S)	(S)	(D)	(D)	(D)	(D)	(S)	(S)
3533	Oilfield machinery.....	(X)	(X)	(X)	(X)	1.3	1.1	(X)	(X)	1.3	1.1	(X)	(X)
3534	Elevators and moving stairways....	(X)	(X)	( <sup>6</sup> )	( <sup>6</sup> )	(NA)	.8	(D)	(D)	(D)	(D)	(NA)	.8
3535	Conveyors and conveying equipment..	(X)	(X)	0.4	0.4	(S)	(S)	(NA)	.5	.3	.3	(S)	(S)
3536	Hoists, cranes, and monorails.....	(X)	(X)	2.4	2.3	(NA)	1.8	(D)	(D)	(D)	(D)	(D)	(D)
3537	Industrial trucks and tractors....	(X)	(X)	.7	.6	(S)	(S)	(NA)	.2	(NA)	.1	(S)	(S)
3541	Machine tools, metal-cutting types	( <sup>2</sup> )	( <sup>2</sup> )	2.0	2.5	(S)	(S)	(NA)	.9	(NA)	.4	(S)	(S)
3542	Machine tools, metal-forming types	.1	.1	.2	.2	(S)	(S)	.6	.6	(NA)	.1	(S)	(S)
3544	Special dies, tools, jigs, and fixtures.....	.6	.5	(NA)	.2	2.8	3.4	1.2	1.1	1.6	1.5	(NA)	.8
3545	Machine tool accessories.....	(NA)	.1	(NA)	.2	.6	1.4	.6	.9	(NA)	.2	(NA)	.3
3548	Metalworking machinery, n.e.c.....	3.3	2.6	(NA)	3.5	(S)	(S)	7.4	5.0	.2	.1	(S)	(S)
3551	Food products machinery.....	(X)	(X)	(X)	(X)	1.6	1.1	(X)	(X)	1.6	1.1	(X)	(X)
3552	Textile machinery.....	(X)	(X)	(X)	(X)	( <sup>3</sup> )	( <sup>3</sup> )	(X)	(X)	( <sup>3</sup> )	( <sup>3</sup> )	(X)	(X)
3554	Paper industries machinery.....	(X)	(X)	(X)	(X)	(NA)	9.1	(D)	(D)	(D)	(D)	(D)	(D)
3555	Printing trades machinery.....	(X)	(X)	(D)	(D)	(S)	(S)	(D)	(D)	(D)	(D)	(S)	(S)
3559	Special industry machinery, n.e.c..	(X)	(X)	(X)	(X)	(S)	(S)	2.8	2.6	(D)	3.0	(S)	(S)
3561	Pumps and compressors.....	(X)	(X)	2.1	1.6	14.7	10.6	5.1	3.2	.2	.1	9.4	7.3
3562	Ball and roller bearings.....	(X)	(X)	(X)	(X)	(NA)	3.1	(D)	(D)	(D)	(D)	(NA)	.6
3564	Blowers and fans.....	(X)	(X)	(X)	(X)	(NA)	3.8	(D)	(D)	(D)	(D)	(D)	(D)
3565	Industrial patterns.....	(X)	(X)	(X)	(X)	(NA)	0.1	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.



TABLE 4B. Copper and Copper-Base Alloy Mill Shapes and Forms Consumed, by Selected Industry Groups and Industries: 1967--Continued

Code	Industry group and industry <sup>1</sup>	Bare wire (for electrical conduction) (335725 and 335728)		Insulated wire and cable (335790)		Brass mill shapes							
						Total		Rod, bar and mechanical wire (335102)		Plate, sheet, and strip (335003, 335100, 335109, 335121, and 335123)		Pipe and tube (335127)	
		Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds copper content)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)
35	Machinery, except electrical--Continued												
3566	Power transmission equipment.....	(X)	(X)	(X)	(X)	8.2	4.9	2.8	1.7	.7	.7	4.7	2.5
3567	Industrial furnaces and ovens.....	(X)	(X)	(X)	(X)	5.7	4.5	(D)	(D)	(D)	(D)	(D)	(D)
3569	General industrial machinery, n.e.c.....	(X)	(X)	(C)	(X)	(S)	(S)	1.2	1.0	(NA)	1.0	(S)	(S)
3572	Typewriters.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3573	Electronic computing equipment.....	(D)	(D)	(NA)	39.0	0.6	0.7	(D)	(D)	(D)	(D)	.1	.1
3574	Calculating and accounting machines	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3576	Scales and balances.....	(Z)	(Z)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3579	Office machines, n.e.c.....	(D)	(D)	(NA)	.3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3581	Automatic merchandising machines...	(X)	(X)	(X)	(X)	(D)	(D)	(X)	(X)	(D)	(D)	(X)	(X)
3582	Commercial laundry equipment.....	(X)	(X)	(X)	(X)	(NA)	.3	(X)	(X)	(NA)	.3	(X)	(X)
3585	Refrigeration machinery.....	4.3	3.2	4.2	3.2	173.1	129.7	(D)	(D)	(D)	(D)	127.9	105.0
3586	Measuring and dispensing pumps.....	(X)	(X)	(D)	(D)	1.8	1.1	(D)	(D)	(D)	(D)	(D)	(D)
3589	Service industry machines, n.e.c....	(X)	(X)	(X)	(X)	1.6	1.3	(X)	(X)	1.6	1.3	(X)	(X)
3599	Miscellaneous machinery, except electrical.....	(D)	(D)	(D)	(D)	(S)	(S)	13.4	9.4	6.0	4.5	(S)	(S)
36	Electrical equipment and supplies.....	287.2	221.2	466.8	371.5	414.7	276.3	184.7	118.0	131.1	92.4	98.9	65.9
3611	Electric measuring instruments.....	2.6	2.3	17.6	8.7	5.0	3.4	2.6	1.6	2.2	1.6	.2	.2
3612	Transformers.....	64.1	44.6	93.6	58.2	(NA)	17.6	26.3	12.0	(NA)	4.8	1.5	.8
3613	Switchgear and switchboard apparatus.....	7.9	6.9	10.6	10.0	57.8	43.3	41.9	31.8	13.3	9.4	2.4	2.1
3621	Motors and generators.....	68.3	48.7	86.3	69.6	(NA)	24.1	36.0	20.7	4.0	3.5	(NA)	.2
3622	Industrial controls.....	3.4	2.7	(NA)	5.6	7.8	5.9	4.2	2.8	3.1	2.6	.5	.5
3623	Welding apparatus.....	3.1	2.2	9.1	7.4	6.4	6.6	4.0	4.3	1.4	1.5	1.0	.8
3624	Carbon and graphite products.....	.9	1.0	(D)	(D)	(D)	(D)	(D)	(D)	.5	.4	(D)	(D)
3629	Electrical industrial apparatus, n.e.c.....	(NA)	5.1	(NA)	8.4	(NA)	3.8	(D)	(D)	(D)	(D)	.2	(Z)
3631	Household cooking equipment.....	(X)	(X)	1.4	1.6	(NA)	1.3	(D)	(D)	(D)	(D)	(D)	(D)
3632	Household refrigerators and freezers.....	(D)	(D)	(D)	(D)	27.9	25.5	(D)	(D)	(D)	(D)	(D)	(D)
3633	Household laundry equipment.....	(D)	(D)	4.6	3.7	(NA)	1.2	(D)	(D)	(D)	(D)	(D)	(D)
3634	Electric housewares and fans.....	6.8	5.2	9.9	9.1	(NA)	2.9	(D)	(D)	(D)	(D)	1.1	.5
3635	Household vacuum cleaners.....	1.9	1.7	(NA)	2.6	(NA)	0.9	(D)	(D)	(D)	(D)	(D)	(D)
3636	Sewing machines.....	(X)	(X)	(X)	(X)	(D)	(D)	(D)	(D)	-	-	-	-
3639	Household appliances, n.e.c.....	(D)	(D)	1.9	1.8	3.5	3.2	(D)	(D)	(D)	(D)	(D)	(D)
3641	Electric lamps.....	-	-	-	-	(NA)	0.8	(D)	(D)	(D)	(D)	(D)	(D)
3642	Lighting fixtures.....	4.0	3.4	15.0	8.4	(NA)	7.2	1.3	.9	4.0	3.0	(NA)	3.3
3643	Current-carrying wiring devices....	8.2	6.5	(NA)	8.0	(NA)	26.7	8.8	6.8	23.2	17.9	(NA)	2.0
3644	Noncurrent-carrying wiring devices..	.9	.3	2.2	1.7	1.9	1.1	(D)	(D)	(D)	(D)	(D)	(D)
3651	Radio and TV receiving sets.....	10.3	9.8	18.4	11.0	0.9	0.7	(D)	(D)	(D)	(D)	(D)	(D)
3661	Telephone and telegraph apparatus..	10.0	11.8	17.3	19.1	(NA)	24.3	12.0	7.4	(NA)	14.4	2.7	2.5
3662	Radio and TV communication equipment.....	5.2	3.6	27.7	23.9	6.9	5.3	3.2	2.4	1.9	1.6	1.8	1.3
3671	Electron tubes, receiving type....	(D)	(D)	-	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3672	Cathode ray picture tubes.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3673	Electron tubes, transmitting.....	(D)	(D)	(D)	(D)	1.6	1.9	.7	.8	.7	.9	.2	.2
3674	Semiconductors.....	1.0	2.5	.6	.4	2.4	1.6	(D)	(D)	(D)	(D)	(D)	(D)
3679	Electronic components, n.e.c.....	35.9	30.7	37.1	34.4	(NA)	25.7	22.1	13.0	(NA)	7.8	5.3	4.9
3694	Engine electrical equipment.....	42.0	27.0	49.9	28.7	15.6	9.8	(D)	(D)	(D)	(D)	(D)	(D)
3699	Electrical equipment, n.e.c.....	.8	1.1	27.0	21.4	4.0	3.9	(X)	(X)	4.0	3.9	(X)	(X)
37	Transportation equipment.....	96.0	49.7	62.5	57.5	<sup>6</sup> 8309.3	<sup>6</sup> 8154.3	<sup>8</sup> 104.9	<sup>8</sup> 37.3	<sup>8</sup> 167.4	<sup>8</sup> 89.2	<sup>6</sup> 837.0	<sup>6</sup> 827.8
3711	Motor vehicles.....	(D)	(D)	5.1	4.1	9.5	7.3	(D)	(D)	(D)	(D)	7.2	5.9
3713	Truck and bus bodies.....	(D)	(D)	.3	.3	(NA)	3.2	(D)	(D)	(D)	(D)	(NA)	1.5
3714	Motor vehicle parts and accessories	80.1	37.7	27.2	16.0	(S)	(S)	59.0	26.5	156.7	83.6	(S)	(S)
3715	Truck trailers.....	(D)	(D)	1.0	0.7	(NA)	0.6	-	-	-	-	(NA)	.6
3721	Aircraft.....	0.4	0.4	7.8	14.6	1.7	1.6	.4	.9	(D)	(D)	(D)	(D)
3722	Aircraft engines and engine parts..	0.1	0.1	0.7	0.9	2.8	2.1	2.3	1.6	0.4	0.4	0.1	0.1
3729	Aircraft equipment, n.e.c.....	(D)	(D)	(D)	(D)	13.5	8.4	7.1	4.4	1.3	0.6	5.1	3.4
3731	Ship building and repairing.....	.4	.4	7.4	10.9	14.4	14.1	2.2	1.6	1.0	1.0	11.2	11.5
3732	Boat building and repairing.....	(Z)	(Z)	0.3	0.3	0.6	0.4	0.1	0.1	(Z)	(Z)	0.5	0.3
3741	Locomotives and parts.....	(D)	(D)	(X)	(X)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

**TABLE 4B. Copper and Copper-Base Alloy Mill Shapes and Forms Consumed, by Selected Industry Groups and Industries: 1967--Continued**

Code	Industry group and industry <sup>1</sup>	Bare wire (for electrical conduction) (335725 and 335728)		Insulated wire and cable (335790)		Brass mill shapes							
						Total		Rod, bar, and mechanical wire (335102)		Plate, sheet, and strip (335003, 335100, 335109, 335121, and 335123)		Pipe and tube (335127)	
		Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds copper content)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)
37	Transportation equipment-- Continued												
3742	Railroad and street cars.....	(D)	(D)	(X)	(X)	33.9	1.9	31.4	1.0	-	-	2.5	0.9
3751	Motorcycles, bicycles, and parts..	(X)	(X)	(X)	(X)	(NA)	0.2	(X)	(X)	(NA)	0.2	(X)	(X)
3791	Trailer coaches.....	(NA)	0.8	10.8	5.9	8.1	3.6	(D)	(D)	(D)		7.5	3.3
3799	Transportation equipment, n.e.c....	(X)	(X)	(X)	(X)	(NA)	0.8	(X)	(X)	(NA)	0.8	(X)	(X)
38	Instruments and related products.....	(D)	(D)	(D)	(D)	38.6	27.1	(D)	(D)	(D)	(D)	9.4	8.2
3811	Engineering and scientific instruments.....	.3	.2	.5	1.0	1.7	0.9	(D)	(D)	(D)	(D)	1.1	.5
3821	Mechanical measuring devices.....	.9	1.4	1.7	2.7	14.6	10.5	8.0	5.2	3.8	2.7	2.8	2.6
3822	Automatic temperature controls.....	(D)	(D)	(D)	(D)	20.9	14.9	10.0	6.1	5.4	3.7	5.5	5.1
3861	Photographic equipment and supplies.....	(X)	(X)	(X)	(X)	1.4	.8	(X)	(X)	1.4	.8	(X)	(X)
39	Miscellaneous manufacturing industries.....	(X)	(X)	(X)	(X)	68.6	50.3	(X)	(X)	68.6	50.3	(X)	(X)
3914	Silverware and plated ware.....	(X)	(X)	(X)	(X)	(D)	(D)	(X)	(X)	(D)	(D)	(X)	(X)
3941	Games and toys.....	(X)	(X)	(X)	(X)	0.5	0.4	(X)	(X)	0.5	0.4	(X)	(X)
3942	Dolls.....	(X)	(X)	(X)	(X)	(D)	(D)	(X)	(X)	(D)	(D)	(X)	(X)
3949	Sporting and athletic goods, n.e.c.....	(X)	(X)	(X)	(X)	3.1	2.6	(X)	(X)	3.1	2.6	(X)	(X)
3963	Buttons.....	(X)	(X)	(X)	(X)	5.0	3.5	(X)	(X)	5.0	3.5	(X)	(X)
3964	Needles, pins, and fasteners.....	(X)	(X)	(X)	(X)	21.7	15.8	(X)	(X)	21.7	15.8	(X)	(X)
3999	Manufactures, n.e.c.....	(X)	(X)	(X)	(X)	11.1	8.5	(X)	(X)	11.1	8.5	(X)	(X)
19	Ordnance and accessories.....	(D)	(D)	(D)	(D)	<sup>6</sup> 218.8	<sup>6</sup> 117.9	(D)	(D)	(D)	(D)	(D)	(D)
1925	Complete guided missiles.....	0.1	0.3	1.1	2.5	(NA)	0.2	(D)	(D)	(D)	(D)	(D)	(D)
1929	Ammunition, except for small arms, n.e.c.....	(D)	(D)	(D)	(D)	(S)	(S)	11.9	4.9	1.9	0.8	(S)	(S)
1931	Tanks and tank components.....	(X)	(X)	(D)	(D)	0.2	0.2	(D)	(D)	(D)	(D)	(D)	(D)
1951	Small arms.....	(D)	(D)	(D)	(D)	0.5	0.4	(D)	(D)	(D)	(D)	(D)	(D)
1961	Small arms ammunition.....	(X)	(X)	(X)	(X)	203.5	110.9	(D)	(D)	(D)	(D)	(D)	(D)
1999	Ordnance and accessories, n.e.c....	-	-	(D)	(D)	0.5	0.5	0.3	0.3	0.2	0.2	-	-
1911	Guns, howitzers and mortars.....												

Standard notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. (S) Suppressed because the data did not meet publication standards.

<sup>1</sup>Major group (2-digit) totals include (a) data for individual industries for which data are published as well as for those industries which could not be published without disclosing the operations of individual companies, and (b) an estimate of quantities for industries for which cost data were publishable but for which quantity data were suppressed because of significant nonreporting of quantity figures. The estimates for quantities are based on averages derived from those industry totals within the group for which valid totals of quantity and associated cost were reported.

<sup>2</sup>The "Metal fabricating industries" include establishments whose primary activity is the manufacture of products fabricated beyond the metal mill or foundry level.

<sup>3</sup>In addition, 1,039.4 million pounds of bare wire for electrical conduction were produced and consumed by nonferrous wire drawing establishments in the manufacture of further fabricated products. Most of this consumption resulted in the production of insulated wire and cable.

<sup>4</sup>Excludes insulated wire and cable produced and consumed in insulating plants in the production of fabricated products such as appliance wire and cord and flexible cord sets.

<sup>5</sup>Excludes brass mill shapes produced and consumed in nonferrous metal mills in the manufacture of fabricated metal products for which figures are not available.

<sup>6</sup>Excludes figures for those industries for which consumption of pipe and tube was suppressed. Such suppressions are indicated by the symbol (S).

<sup>7</sup>Excludes figures for industry 3431, Metal Sanitary Ware. These figures, however, are included in the total for all metal fabricating industries.

<sup>8</sup>Excludes figures for industry 3741, Locomotives and Parts. These figures, however, are included in the total for all metal fabricating industries.



TABLE 4C. Aluminum and Aluminum-Base Alloy Mill Shapes and Forms, by Selected Industry Groups and Industries: 1967

Code	Industry group and industry	Total		Sheet, plate and foil (335202, 335203, and 335231)		Extruded shapes (335205)		All other aluminum mill shapes and forms (335207, 335208, and 335209)	
		Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)
	Metal fabricating industries, total <sup>2</sup> .....	<sup>a</sup> 3,987.4	1,957.2	<sup>a</sup> 2,337.7	1,085.7	<sup>a</sup> 1,016.2	550.0	<sup>a</sup> 633.5	321.5
25	Furniture and fixtures.....	111.5	59.0	34.3	13.5	25.3	19.1	51.9	26.4
26	Paper and allied products.....	23.4	13.6	23.4	13.6	(X)	(X)	<sup>4</sup> (X)	(X)
33	Primary metal industries.....	188.3	85.7	(X)	(X)	(X)	(X)	188.3	85.7
34	Fabricated metal industries.....	1,966.0	822.8	1,314.1	536.0	531.5	231.1	120.4	55.7
35	Machinery, except electrical.....	372.5	185.7	218.5	101.8	56.9	39.5	97.1	44.4
36	Electrical equipment and supplies.....	371.8	190.9	184.0	92.7	98.6	55.8	89.2	42.4
37	Transportation equipment.....	771.0	484.7	510.7	288.9	221.8	158.1	38.5	37.7
38	Instruments and related products.....	<sup>5</sup> 21.6	15.4	(D)	(D)	(D)	(D)	(D)	(D)
39	Miscellaneous manufacturing.....	<sup>5</sup> 48.6	<sup>5</sup> 24.3	4.1	2.0	19.8	8.6	<sup>5</sup> 24.7	<sup>5</sup> 13.7
19	Ordinance and accessories.....	<sup>6</sup> 108.1	<sup>6</sup> 73.0	(D)	(D)	(D)	(D)	(D)	(D)
25	Furniture and fixtures.....	<sup>e</sup> 111.5	59.0	34.3	13.5	25.3	19.1	51.9	26.4
2514	Metal household furniture.....	(NA)	34.5	<sup>e</sup> 24.0	9.6	(NA)	15.6	<sup>e</sup> 23.3	9.3
2522	Metal office furniture.....	<sup>e</sup> 7.9	<sup>e</sup> 4.8	(X)	(X)	(X)	(X)	<sup>e</sup> 7.9	4.8
2531	Public building furniture.....	<sup>e</sup> 9.0	5.9	(X)	(X)	(X)	(X)	<sup>e</sup> 9.0	5.9
2541	Wood partitions and fixtures.....	<sup>e</sup> 3.0	1.5	(X)	(X)	(X)	(X)	<sup>e</sup> 3.0	1.5
2542	Metal partitions and fixtures.....	(NA)	3.1	(X)	(X)	(X)	(X)	(NA)	3.1
2591	Venetian blinds and shades.....	(NA)	7.9	<sup>e</sup> 10.3	3.9	(NA)	3.5	(NA)	0.5
2599	Furniture and fixtures, n.e.c.....	1.8	1.3	(X)	(X)	(X)	(X)	<sup>e</sup> 1.8	1.3
26	Paper and allied products.....	23.4	13.6	23.4	13.6	(X)	(X)	(X)	(X)
2653	Corrugated and solid fiber boxes.....	(D)	(D)	(D)	(D)	(X)	(X)	(X)	(X)
2654	Sanitary food containers.....	(D)	(D)	(D)	(D)	(X)	(X)	(X)	(X)
2655	Fiber cans, drums, and related material.....	20.5	11.9	20.5	11.9	(X)	(X)	(X)	(X)
33	Primary metal industries.....	188.3	85.7	(X)	(X)	(X)	(X)	<sup>4</sup> 188.3	<sup>4</sup> 85.7
3357	Nonferrous wiredrawing and insulating.....	95.5	36.6	(X)	(X)	(X)	(X)	<sup>4</sup> 95.5	<sup>4</sup> 36.6
3391	Iron and steel forgings.....	4.5	2.3	(X)	(X)	(X)	(X)	<sup>4</sup> 4.5	<sup>4</sup> 2.3
3392	Nonferrous forgings.....	88.3	46.8	(X)	(X)	(X)	(X)	<sup>4</sup> 88.3	<sup>4</sup> 46.8
34	Fabricated metal products.....	1,966.0	822.8	1,314.1	536.0	531.5	231.1	120.4	55.7
3411	Metal cans.....	456.3	157.8	(D)	(D)	-	-	(D)	(D)
3421	Cutlery.....	2.2	1.3	(D)	(D)	-	-	(D)	(D)
3423	Hand and edge tools, n.e.c.....	4.5	2.8	(D)	(D)	-	-	(D)	(D)
3429	Hardware, n.e.c.....	50.3	23.1	29.4	13.0	18.2	8.7	2.7	1.4
3431	Metal sanitary ware.....	0.4	0.2	(X)	(X)	(D)	(D)	(D)	(D)
3432	Plumbing fittings and brass goods.....	0.5	0.2	(X)	(X)	(D)	(D)	(D)	(D)
3433	Heating equipment, except electric.....	18.5	7.9	14.0	5.8	-	-	4.5	2.1
3441	Fabricated structural steel.....	50.3	25.5	22.3	11.6	(D)	(D)	(D)	(D)
3442	Metal doors, sash, and trim.....	467.5	185.9	164.0	62.8	289.1	116.0	14.4	7.1
3443	Fabricated platework (boiler shops).....	30.9	15.0	26.1	12.2	4.2	2.3	0.6	0.5
3444	Sheet metalwork.....	232.8	89.0	199.8	74.3	(D)	(D)	(D)	(D)
3446	Architectural metalwork.....	56.7	25.9	( <sup>7</sup> )	( <sup>7</sup> )	37.0	16.2	19.7	9.7
3449	Miscellaneous metalwork.....	52.0	22.7	30.8	12.5	(D)	(D)	(D)	(D)
3451	Screw machine products.....	31.3	21.1	5.9	3.9	18.0	12.0	7.4	5.2
3452	Bolts, nuts, rivets, and washers.....	32.8	16.1	(D)	(D)	(D)	(D)	(D)	(D)
3461	Metal stampings.....	290.9	137.6	248.1	115.3	37.1	19.4	5.7	2.9
3481	Miscellaneous fabricated wire products.....	12.5	5.3	2.3	1.0	1.2	0.5	9.0	3.8
3491	Metal barrels, drums, and pails.....	4.3	2.4	(D)	(D)	(X)	(X)	(D)	(D)
3494	Valves and pipe fittings.....	11.7	5.9	-	-	8.0	4.2	3.7	1.7
3497	Metal foil and leaf.....	75.2	34.2	35.0	20.4	(D)	(D)	(D)	(D)
3498	Fabricated pipe and fittings.....	7.0	4.4	(D)	(D)	(D)	(D)	(D)	(D)
3499	Fabricated metal products, n.e.c.....	77.4	38.5	57.6	26.9	17.6	10.5	2.2	1.1
35	Machinery, except electrical.....	372.5	185.7	218.5	101.8	56.9	39.5	97.1	44.4
3511	Steam engines and turbines.....	(D)	(D)	-	-	-	-	(D)	(D)
3519	Internal combustion engines, n.e.c.....	(D)	(D)	-	-	-	-	(D)	(D)
3522	Farm machinery.....	(NA)	7.3	7.1	2.7	(NA)	2.9	(NA)	1.7
3531	Construction machinery.....	4.0	3.0	1.6	0.8	1.0	0.7	1.4	1.5
3532	Mining machinery.....	0.3	0.2	(D)	(D)	(D)	(D)	(D)	(D)
3533	Oilfield machinery.....	1.3	1.1	-	-	-	-	1.3	1.1
3534	Elevators and moving stairways.....	1.4	0.8	(D)	(D)	(D)	(D)	(D)	(D)
3535	Conveyors and conveying equipment.....	(NA)	3.1	2.9	1.8	2.2	1.1	(NA)	0.2

See footnotes at end of table.

TABLE 4C. Aluminum and Aluminum-Base Alloy Mill Shapes and Forms, by Selected Industry Groups and Industries: 1967--Continued

Code	Industry group and industry	Total		Sheet plate and foil (335202, 335203, and 335201)		Extruded shapes (335205)		All other aluminum mill shapes and forms (335207, 335208, and 335209)	
		Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)
35	Machinery, except electrical--continued:								
3536	Hoists, cranes, and monorails.....	0.7	0.4	(D)	(D)	(D)	(D)	(D)	(D)
3537	Industrial trucks and tractors.....	4.6	2.7	(D)	(D)	(D)	(D)	(D)	(D)
3541	Machine tools, metal-cutting types.....	1.9	1.7	1.3	1.1	0.4	0.4	0.2	0.2
3542	Machine tools, metal-forming types.....	(NA)	1.3	0.4	0.4	(NA)	0.8	(NA)	0.1
3544	Special dies, tools, jigs, and fixtures.....	11.2	7.3	5.8	4.3	3.5	2.3	1.9	0.7
3545	Machine tool accessories.....	0.6	0.5	0.3	0.2	0.2	0.2	0.1	0.1
3548	Metalworking machinery, n.e.c.....	(NA)	2.1	(NA)	0.7	(D)	(D)	(D)	(D)
3551	Food products machinery.....	2.5	2.0	1.6	1.2	-	-	0.9	0.8
3552	Textile machinery.....	(NA)	5.5	2.3	1.7	(NA)	2.9	1.3	0.9
3555	Printing trades machinery.....	5.7	3.6	(D)	(D)	-	-	(D)	(D)
3559	Special industry machinery, n.e.c.....	6.2	4.4	3.4	2.3	1.1	0.8	1.7	1.3
3561	Pumps and compressors.....	1.5	1.2	-	-	1.1	0.9	0.4	0.3
3564	Blowers and fans.....	21.4	8.3	18.8	7.2	-	-	2.6	1.1
3565	Industrial patterns.....	(NA)	0.5	(NA)	0.4	(NA)	(Z)	(NA)	0.1
3567	Industrial furnaces and ovens.....	(NA)	4.4	(D)	(D)	(D)	(D)	(D)	(D)
3569	General industrial machinery, n.e.c.....	(NA)	5.2	3.9	2.4	(NA)	1.2	(NA)	1.6
3572	Typewriters.....	2.2	1.9	(D)	(D)	(D)	(D)	(D)	(D)
3573	Electronic computing equipment.....	8.9	8.4	(D)	(D)	(D)	(D)	(D)	(D)
3574	Calculating and accounting machines.....	3.6	2.0	(D)	(D)	(D)	(D)	(D)	(D)
3576	Scales and balances.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3579	Office machines, n.e.c.....	1.2	1.8	(?)	(?)	0.3	0.2	0.9	1.6
3581	Automatic merchandising machines.....	2.7	1.7	(D)	(D)	-	-	(D)	(D)
3582	Commercial laundry equipment.....	(NA)	0.6	(NA)	0.4	-	-	(NA)	0.2
3585	Refrigeration machinery.....	152.1	61.7	127.6	48.1	10.0	6.7	14.5	6.9
3586	Measuring and dispensing pumps.....	(NA)	0.4	(Z)	(Z)	(D)	(D)	(D)	(D)
3589	Service industry machines, n.e.c.....	(NA)	3.6	(NA)	2.8	-	-	(NA)	0.8
3599	Miscellaneous machinery, except electrical.....	47.0	29.3	12.4	11.5	14.1	9.3	20.5	8.5
36	Electrical equipment and supplies.....	371.8	190.9	184.0	92.7	98.6	55.8	89.2	42.4
3611	Electric measuring instruments.....	8.3	5.0	5.5	3.2	1.6	1.3	1.2	0.5
3612	Transformers.....	17.8	9.0	(D)	(D)	(D)	(D)	(D)	(D)
3613	Switchgear and switchboard apparatus.....	22.6	10.7	6.2	3.2	13.8	6.0	2.6	1.5
3621	Motors and generators.....	23.7	8.1	3.3	1.6	(D)	(D)	(D)	(D)
3622	Industrial controls.....	1.8	1.0	0.9	0.5	(D)	(D)	(D)	(D)
3624	Carbon and graphite products.....	(NA)	(Z)	(D)	(Z)	(NA)	(Z)	(D)	(Z)
3629	Electrical industrial apparatus, n.e.c.....	12.2	5.1	10.2	3.7	1.5	0.9	0.5	0.5
3631	Household cooking equipment.....	(NA)	2.5	1.6	0.7	2.3	1.6	(NA)	0.2
3632	Household refrigerators and freezers.....	47.3	19.6	36.6	13.2	(D)	(D)	(D)	(D)
3633	Household laundry equipment.....	6.0	2.1	(D)	(D)	(D)	(D)	(D)	(D)
3634	Electric housewares and fans.....	27.6	11.8	22.6	9.2	1.3	0.8	3.7	1.8
3635	Household vacuum cleaners.....	(NA)	2.5	0.7	0.3	(D)	(D)	(D)	(D)
3636	Sewing machines.....	(D)	(Z)	(D)	(Z)	-	-	(D)	(Z)
3639	Household appliances, n.e.c.....	3.4	2.0	1.5	0.8	(D)	(D)	(D)	(D)
3642	Lighting fixtures.....	45.9	21.4	21.5	9.6	19.6	9.4	4.8	2.4
3643	Current-carrying wiring devices.....	11.8	4.7	2.5	1.2	6.6	2.6	2.7	0.9
3644	Noncurrent-carrying wiring devices.....	10.5	3.8	(D)	(D)	(D)	(D)	(D)	(D)
3651	Radio and TV receiving sets.....	7.4	4.3	2.6	1.4	(D)	(D)	(D)	(D)
3661	Telephone and telegraph apparatus.....	10.6	5.5	5.6	2.7	2.2	1.2	2.8	1.6
3662	Radio and TV communication equipment.....	(NA)	26.4	(NA)	11.9	17.3	12.1	3.7	2.4
3671	Electron tubes, receiving type.....	-	-	-	-	-	-	-	-
3672	Cathode ray picture tubes.....	(D)	(D)	(D)	(Z)	(D)	(Z)	(D)	(Z)
3673	Electron tubes, transmitting.....	0.4	0.7	0.2	0.2	(D)	(D)	(D)	(D)
3674	Semiconductors.....	0.8	0.6	0.4	0.3	0.3	0.2	0.1	0.1
3679	Electronic components, n.e.c.....	47.2	37.3	27.2	20.4	11.0	7.9	9.0	9.0
3694	Engine electrical equipment.....	(NA)	2.5	0.8	0.7	(NA)	0.2	2.4	1.6
3699	Electrical equipment, n.e.c.....	10.7	4.3	-	-	-	-	10.7	4.3
37	Transportation equipment.....	771.0	484.7	510.7	288.9	221.8	158.1	38.5	37.7
3711	Motor vehicles.....	34.2	15.7	25.3	11.3	7.4	3.6	1.5	0.8
3713	Truck and bus bodies.....	35.4	16.9	24.3	11.2	8.3	4.3	2.8	1.4
3714	Motor vehicle parts and accessories.....	74.0	37.9	47.8	22.8	21.2	12.1	5.0	3.0
3715	Truck trailers.....	143.2	58.1	72.7	31.1	68.2	26.0	2.3	1.0
3721	Aircraft.....	155.2	141.2	109.1	82.9	37.0	47.1	9.1	11.2
3722	Aircraft engines and engine parts.....	(NA)	11.2	6.9	5.2	2.5	3.4	(NA)	2.6
3729	Aircraft equipment, n.e.c.....	135.1	104.9	86.5	56.0	39.2	40.3	9.4	8.6

See footnotes at end of table.



TABLE 4C. Aluminum and Aluminum-Base Alloy Mill Shapes and Forms, by Selected Industry Groups and Industries: 1967--Continued

Code	Industry group and industry	Total		Sheet, plate and foil (335202, 335203, and 335231)		Extruded shapes (335205)		All other aluminum mill shapes and forms (335207, 335208, and 335209)	
		Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)
37	Transportation equipment--continued:								
3731	Ship building and repairing.....	22.2	17.2	7.4	4.0	(D)	(D)	(D)	(D)
3732	Boat building and repairing.....	22.1	10.2	17.7	7.1	4.1	2.9	0.3	0.2
3741	Locomotives and parts.....	0.9	0.6	(D)	(D)	(D)	(D)	(D)	(D)
3742	Railroad and street cars.....	19.1	15.5	15.5	13.6	(D)	(D)	(D)	(D)
3751	Motorcycles, bicycles, and parts.....	4.7	4.0	(D)	(D)	(D)	(D)	(D)	(D)
3791	Trailer coaches.....	(NA)	42.1	82.9	37.6	8.8	3.1	(NA)	1.4
3799	Transportation equipment, n.e.c.....	(NA)	9.2	14.1	5.9	(NA)	2.3	1.3	1.0
38	Instruments and related products.....	21.6	15.4	(D)	(D)	(D)	(D)	(D)	(D)
3811	Engineering and scientific instruments.....	4.2	3.0	3.2	2.1	0.7	0.6	0.3	0.3
3821	Mechanical measuring devices.....	4.2	3.6	1.7	1.3	0.7	0.8	1.8	1.5
3822	Automatic temperature controls.....	5.0	3.3	(D)	(D)	(D)	(D)	(D)	(D)
3831	Optical instruments and lenses.....	1.4	1.5	(X)	(X)	1.3	1.4	0.1	0.2
3861	Photographic equipment and supplies.....	6.8	3.9	(X)	(X)	(X)	(X)	6.8	3.9
39	Miscellaneous manufacturing industries.....	<sup>5</sup> 48.6	<sup>5</sup> 24.3	4.1	2.0	19.8	8.6	<sup>5</sup> 24.7	<sup>5</sup> 13.7
3941	Games and toys.....	3.5	1.1	-	-	-	-	3.5	1.1
3942	Dolls.....	-	-	-	-	-	-	-	-
3943	Children's vehicles, except bicycles.....	(D)	(D)	-	-	-	-	(D)	(D)
3949	Sporting and athletic goods, n.e.c.....	26.8	12.2	4.1	2.0	19.8	8.6	2.9	1.6
3963	Buttons.....	(NA)	0.4	-	-	-	-	(NA)	0.4
3964	Needles, pins, and fasteners.....	12.4	6.9	-	-	-	-	12.4	6.9
3999	Manufactures, n.e.c.....	5.9	3.7	-	-	-	-	5.9	3.7
19	Ordinance and accessories.....	<sup>6</sup> 108.1	<sup>6</sup> 73.0	(D)	(D)	(D)	(D)	(D)	(D)
1911	Ordinance and accessories, n.e.c., guns, howit- zers, and mortars.....	14.8	10.7	4.4	4.0	(D)	(D)	(D)	(D)
1925	Complete guided missiles.....	25.5	21.4	11.6	11.0	9.8	8.4	4.1	2.0
1929	Ammunition, except for small arms, n.e.c.....	47.5	25.5	11.1	6.0	(D)	(D)	(D)	(D)
1931	Tanks and tank components.....	17.1	13.3	(D)	(D)	(D)	(D)	(D)	(D)
1951	Small arms.....	3.2	2.1	(D)	(D)	(D)	(D)	(D)	(D)
1961	Small arms ammunition.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. (Z) Less than one-half of the unit of measure specified. (e) Between 10-30 percent of this figure was imputed. (n.e.c.) Not elsewhere classified.

<sup>1</sup>Major group (2-digit) totals include (a) data for individual industries for which data are publishable as well as for those industries which could not be published without disclosing the operations of individual companies, and (b) an estimate of quantities for industries for which cost data were publishable, but for which quantity data were suppressed because of significant nonreporting of quantity figures. The estimates for quantities are based on averages derived from those industry totals within the group for which valid totals of quantity and associated cost were reported.

<sup>2</sup>The "Metal fabricating industries" include establishments whose primary activity is the manufacture of products fabricated beyond the metal mill or foundry level.

<sup>3</sup>Excludes aluminum and aluminum-base alloy mill shapes produced and consumed in nonferrous metal mills in the production of fabricated products.

<sup>4</sup>Data for industry 3357 represents mill shapes and forms other than rods, wire for redrawing, and bare wire. For industries 3391 and 3392, represents all aluminum and aluminum-base alloy mill shapes.

<sup>5</sup>Excludes data for industries 3914, Silverware and Related Ware, and 3943, Children's Vehicles, except Bicycles.

<sup>6</sup>Excludes data for industry 1961, Small Arms Ammunition.

<sup>7</sup>Data for these items are included with "all other aluminum mill shapes and forms".

TABLE 4D. Selected Castings and Forgings Consumed, by Selected Industry Groups and Industries:  
1967

Code	Industry group and industry <sup>1</sup>	Casting - rough and semifinished								Forgings			
		Iron (gray and malleable) (332011)		Steel (332300)		Aluminum and aluminum-base alloy (336100)		Copper and copper-base alloy (336200)		Iron and steel (339100)		Aluminum and aluminum-base alloy (339200)	
		Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)
	Metal fabricating industries, total <sup>2</sup> .....	6,177.4	2,152.5	1,450.7	1,002.2	1,011.7	756.5	287.2	246.1	2,088.4	1,143.6	102.6	88.8
34	Fabricated metal products.....	380.4	153.1	350.3	166.4	77.4	49.4	111.3	86.9	(D)	(D)	(X)	(X)
35	Machinery, except electrical.....	2,285.8	931.9	563.5	425.8	206.1	205.8	87.7	81.2	(D)	(D)	(X)	(X)
36	Electrical equipment and supplies.....	250.9	90.5	58.2	30.7	178.4	120.8	40.5	36.7	(D)	(D)	(X)	(X)
37	Transportation equipment.....	(D)	(D)	430.9	337.5	484.9	322.9	(D)	(D)	(D)	(D)	72.2	77.3
38	Instruments and related products.....	3.0	0.3	11.4	10.1	45.4	34.4	18.2	15.5	(X)	(X)	(X)	(X)
39	Miscellaneous manufacturing industries..	(X)	(X)	(X)	(X)	(D)	(D)	4.2	4.0	(X)	(X)	(X)	(X)
19	Ordnance and accessories.....	(D)	(D)	36.4	31.7	(D)	(D)	(D)	(D)	113.5	55.7	10.4	11.5
34	Fabricated metal products, total....	380.4	153.1	350.3	166.4	77.4	49.4	111.3	86.9	(D)	(D)	1.4	1.5
3421	Cutlery.....	0.6	0.4	(Z)	(Z)	0.1	0.1	(X)	(X)	1.5	0.9	(X)	(X)
3423	Hand and edge tools, n.e.c.....	16.8	10.3	5.1	4.3	4.2	3.6	(X)	(X)	(NA)	18.9	(X)	(X)
3429	Hardware, n.e.c.....	55.1	24.6	8.3	5.1	6.8	4.9	11.3	9.6	(X)	(X)	(X)	(X)
3431	Metal sanitary ware.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(X)	(X)
3432	Plumbing fittings, and brass goods.....	3.1	1.2	(D)	(D)	(D)	(D)	30.6	19.3	(X)	(X)	(X)	(X)
3433	Heating equipment, except electric.....	33.5	16.2	(X)	(X)	3.9	3.3	2.5	(X)	(X)	(X)	(X)	(X)
3441	Fabricated structural steel.....	4.4	1.7	64.9	18.1	(D)	(D)	(X)	(X)	(X)	(X)	(X)	(X)
3442	Metal doors, sash, and trim.....	2.6	1.4	34.7	5.6	23.8	10.7	(X)	(X)	(X)	(X)	(X)	(X)
3443	Fabricated platework (boiler shops)....	(D)	(D)	(NA)	23.6	3.5	2.1	(X)	(X)	(X)	(X)	(X)	(X)
3444	Sheet metalwork.....	(NA)	0.8	(NA)	11.5	(NA)	4.1	(X)	(X)	(X)	(X)	(X)	(X)
3446	Architectural metalwork.....	(D)	(D)	(D)	(D)	(D)	(D)	(X)	(X)	(X)	(X)	(X)	(X)
3499	Miscellaneous metalwork.....	1.1	0.5	(D)	(D)	(NA)	0.6	(X)	(X)	(X)	(X)	(X)	(X)
3451	Screw machine products.....	(X)	(X)	3.7	2.8	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
3452	Bolts, nuts, rivets, and washers.....	(X)	(X)	4.6	3.6	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
3461	Metal stampings.....	(D)	(D)	(X)	(X)	10.7	6.2	22.8	16.9	(X)	(X)	(X)	(X)
3481	Miscellaneous fabricated wire products..	(X)	(X)	(D)	(D)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
3494	Valves and pipe fittings.....	165.1	60.4	56.8	60.3	7.3	7.8	37.5	35.1	55.8	38.3	(X)	(X)
3498	Fabricated pipe and fittings.....	9.0	3.8	(NA)	5.0	(D)	(D)	(D)	(D)	6.2	3.6	0.1	0.1
3499	Fabricated metal products, n.e.c.....	10.8	4.8	16.5	11.2	3.2	3.0	1.8	1.3	1.9	1.3	1.3	1.4
35	Machinery, except electrical.....	2,285.8	931.9	563.5	425.8	206.1	205.8	87.7	81.2	(D)	(D)	(X)	(X)
3511	Steam engines and turbines.....	13.1	8.4	(D)	(D)	(D)	(D)	2.5	2.7	(D)	(D)	(X)	(X)
3519	Internal combustion engines, n.e.c.....	295.3	128.8	5.8	2.8	71.0	48.1	(D)	(D)	65.7	31.3	(X)	(X)
3522	Farm machinery.....	557.8	195.3	(NA)	15.9	15.8	9.3	(X)	(X)	117.4	44.3	(X)	(X)
3531	Construction machinery.....	246.9	103.4	177.6	124.1	13.3	12.2	3.6	3.4	313.6	145.9	(X)	(X)
3532	Mining machinery.....	13.7	7.4	42.3	30.5	0.2	0.3	1.2	1.2	12.3	9.0	(X)	(X)
3533	Oilfield machinery.....	13.9	5.5	36.3	19.4	(X)	(X)	1.2	1.4	23.5	12.0	(X)	(X)
3534	Elevators and moving stairways.....	11.4	4.6	3.8	3.5	(X)	(X)	(X)	(X)	(D)	(D)	(X)	(X)
3535	Conveyors and conveying equipment.....	11.2	4.6	(NA)	2.4	(X)	(X)	(X)	(X)	(D)	(D)	(X)	(X)
3536	Hoists, cranes, and monorails.....	11.8	6.4	7.6	5.8	1.9	1.6	1.3	1.0	4.9	2.9	(X)	(X)
3537	Industrial trucks and tractors.....	51.2	14.4	9.1	6.7	(X)	(X)	(X)	(X)	4.6	4.1	(X)	(X)
3541	Machine tools metal-cutting types.....	160.2	76.6	13.1	10.3	(NA)	8.3	1.6	1.8	8.4	6.7	(X)	(X)
3542	Machine tools metal-forming types.....	43.5	18.7	23.9	12.9	1.0	1.1	2.1	2.2	10.1	6.9	(X)	(X)
3544	Special dies, tools, jigs and fixtures..	39.5	13.7	18.7	11.3	3.9	3.3	3.4	4.1	4.2	3.8	(X)	(X)
3545	Machine tool accessories.....	13.2	5.9	4.0	4.2	0.6	0.7	0.1	0.2	4.7	4.8	(X)	(X)
3548	Metalworking machinery, n.e.c.....	18.6	8.8	21.8	12.2	18.4	15.6	1.8	1.5	(NA)	8.8	(X)	(X)
3551	Food products machinery.....	20.1	10.7	4.3	3.6	3.0	3.6	2.0	1.9	(X)	(X)	(X)	(X)
3552	Textile machinery.....	55.0	20.9	(X)	(X)	(D)	(D)	(X)	(X)	(X)	(X)	(X)	(X)
3553	Woodworking machinery.....	20.0	7.2	(X)	2.8	(NA)	4.1	(X)	(X)	(D)	(D)	(X)	(X)
3554	Paper industries machinery.....	29.4	11.6	4.5	3.8	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
3555	Printing trades machinery.....	66.6	28.8	(X)	(X)	2.6	2.9	(X)	(X)	(X)	(X)	(X)	(X)
3559	Special industry machinery, n.e.c.....	44.4	21.3	36.6	23.9	(NA)	5.3	3.8	4.1	(X)	(X)	(X)	(X)
3561	Pumps and compressors.....	143.7	63.7	27.2	26.9	9.2	7.1	14.5	15.4	19.5	20.7	(X)	(X)
3562	Ball and roller bearings.....	23.7	10.0	9.3	6.7	(D)	(D)	4.0	4.7	31.3	22.1	(X)	(X)
3564	Blowers and fans.....	7.5	3.6	(D)	(D)	(NA)	3.8	(D)	(D)	(X)	(X)	(X)	(X)
3565	Industrial patterns.....	2.1	1.5	(NA)	0.2	(NA)	2.1	(NA)	0.1	(X)	(X)	(X)	(X)
3566	Power transmission equipment.....	105.8	37.7	9.8	6.9	6.4	5.3	10.9	9.4	56.1	25.6	(X)	(X)
3567	Industrial furnaces and ovens.....	(X)	(X)	4.5	2.6	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
3569	General industrial machinery, n.e.c.....	21.6	10.5	5.1	5.1	(NA)	3.3	4.3	4.4	(X)	(X)	(X)	(X)
3572	Typewriters.....	(X)	(X)	1.2	0.7	1.8	1.9	(X)	(X)	(X)	(X)	(X)	(X)
3573	Electronic computing equipment.....	(X)	(X)	(NA)	2.8	3.2	4.1	(X)	(X)	(X)	(X)	(X)	(X)

See footnotes at end of table.



TABLE 4D. Selected Castings and Forgings Consumed, by Selected Industry Groups and Industries:  
1967--Continued

Code	Industry group and industry <sup>1</sup>	Castings - rough and semifinished								Forgings			
		Iron (gray and malleable) (332011)		Steel (332300)		Aluminum and aluminum-base alloy (336100)		Copper and copper-base alloy (336200)		Iron and steel (339100)		Aluminum and aluminum-base alloy (339200)	
		Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)
3574	Calculating and accounting machines....	(X)	(X)	(D)	(D)	(D)	(D)	(X)	(X)	(X)	(X)	(X)	(X)
3576	Scales and balances.....	(X)	(X)	0.3	0.2	(NA)	1.8	(X)	(X)	(X)	(X)	(X)	(X)
3579	Office machines, n.e.c.....	(X)	(X)	1.7	0.8	(D)	(D)	(X)	(X)	(X)	(X)	(X)	(X)
3581	Automatic vending machines.....	(NA)	0.9	(X)	(X)	(D)	(D)	0.1	0.1	(X)	(X)	(X)	(X)
3582	Commercial laundry equipment.....	12.2	5.7	(X)	(X)	(D)	(D)	0.4	0.3	(X)	(X)	(X)	(X)
3585	Refrigeration machinery.....	132.2	50.0	12.6	7.4	24.8	12.0	2.4	2.0	13.5	5.6	(X)	(X)
3586	Measuring and dispensing pumps.....	12.0	3.7	(X)	(X)	6.3	4.7	1.9	1.7	(X)	(X)	(X)	(X)
3589	Service industry machines, n.e.c.....	11.0	5.8	(X)	(X)	6.3	4.7	1.9	1.7	(X)	(X)	(X)	(X)
3599	Miscellaneous machinery, except electrical.....	75.2	35.8	24.5	19.9	44.7	29.3	(NA)	6.2	(X)	(X)	(X)	(X)
36	Electrical equipment and supplies..	250.9	90.5	58.2	30.7	178.4	120.8	40.5	36.7	(D)	(D)	(X)	(X)
3611	Electric measuring instruments.....	(X)	(X)	0.2	0.7	2.1	1.6	0.1	0.1	(X)	(X)	(X)	(X)
3613	Switchgear and switchboard apparatus...	(X)	(X)	3.4	2.4	6.9	5.7	14.1	13.2	(X)	(X)	(X)	(X)
3621	Motors and generators.....	90.7	35.5	4.5	3.5	22.8	13.6	3.2	2.6	4.9	3.3	(X)	(X)
3622	Industrial controls.....	(X)	(X)	5.2	3.6	5.2	1.9	1.5	1.1	(X)	(X)	(X)	(X)
3623	Welding apparatus.....	(X)	(X)	(X)	(X)	(X)	(X)	3.1	3.3	(X)	(X)	(X)	(X)
3631	Household cooking equipment.....	7.9	3.3	(X)	(X)	(D)	(D)	(X)	(X)	(X)	(X)	(X)	(X)
3632	Household refrigerators and freezers...	(D)	(D)	(D)	(D)	4.3	3.2	(X)	(X)	(D)	(D)	(X)	(X)
3633	Household laundry equipment.....	46.9	12.0	(X)	(X)	5.4	3.3	(X)	(X)	(X)	(X)	(X)	(X)
3634	Electric housewares and fans.....	(D)	(D)	(X)	(X)	19.6	10.7	(X)	(X)	(X)	(X)	(X)	(X)
3635	Household vacuum cleaners.....	(X)	(X)	(X)	(X)	7.1	6.4	(X)	(X)	(X)	(X)	(X)	(X)
3636	Sewing machines.....	(D)	(D)	(X)	(X)	(D)	(D)	(X)	(X)	(X)	(X)	(X)	(X)
3639	Household appliances, n.e.c.....	8.8	4.6	(X)	(X)	4.5	2.6	(X)	(X)	(X)	(X)	(X)	(X)
3642	Lighting fixtures.....	17.1	6.0	9.1	5.1	33.1	19.2	2.1	1.9	(X)	(X)	(X)	(X)
3643	Current-carrying wiring devices.....	5.1	1.3	(X)	(X)	(NA)	3.3	2.1	2.1	(X)	(X)	(X)	(X)
3644	Noncurrent-carrying wiring devices....	8.4	5.8	(X)	(X)	9.1	4.9	0.6	0.8	(X)	(X)	(X)	(X)
3651	Radio and TV receiving sets.....	(X)	(X)	(X)	(X)	3.8	3.0	(X)	(X)	(X)	(X)	(X)	(X)
3661	Telephone and telegraph apparatus.....	(X)	(X)	(X)	(X)	9.9	5.8	(X)	(X)	(X)	(X)	(X)	(X)
3662	Radio, TV communication equipment.....	(X)	(X)	(NA)	11.4	21.9	22.8	1.9	1.8	(X)	(X)	(X)	(X)
3673	Electron tubes, transmitting.....	(X)	(X)	(D)	(D)	(Z)	(Z)	(D)	(D)	(X)	(X)	(X)	(X)
3674	Semiconductors.....	(X)	(X)	(D)	(D)	(D)	(D)	(D)	(D)	(X)	(X)	(X)	(X)
3679	Electronic components, n.e.c.....	(X)	(X)	(NA)	2.0	5.3	5.0	11.2	9.0	(X)	(X)	(X)	(X)
3694	Engine electrical equipment.....	13.1	4.7	(X)	(X)	13.7	7.7	(X)	(X)	(X)	(X)	(X)	(X)
37	Transportation equipment.....	(D)	(D)	430.9	337.5	484.9	322.9	(D)	(D)	(D)	(D)	92.2	77.3
3711	Motor vehicles.....	504.9	139.3	24.5	16.6	55.2	38.9	(D)	(D)	84.4	39.6	(X)	(X)
3713	Truck and bus bodies.....	6.1	2.6	6.3	2.7	0.4	0.4	0.2	0.2	0.5	0.3	(D)	(D)
3714	Motor vehicle parts and accessories....	2,593.1	758.5	135.8	108.3	373.1	186.3	16.1	11.4	881.9	392.8	47.7	15.5
3715	Truck trailers.....	6.1	2.6	6.3	2.7	0.4	0.4	0.2	0.2	0.5	0.3	(D)	(D)
3721	Aircraft.....	(X)	(X)	3.0	5.0	9.8	21.0	0.1	0.2	3.8	10.1	10.5	17.1
3722	Aircraft engines and engine parts.....	(X)	(X)	(NA)	51.4	17.7	41.3	0.4	0.4	49.9	83.7	14.1	18.0
3729	Aircraft equipment, n.e.c.....	(X)	(X)	15.7	27.4	19.4	25.8	3.5	3.4	(NA)	48.3	19.7	26.3
3731	Ship building and repairing.....	(X)	(X)	9.3	8.3	0.9	0.9	2.6	3.2	(X)	(X)	(X)	(X)
3732	Boat building and repairing.....	(X)	(X)	0.3	0.2	0.6	0.4	(NA)	1.7	(X)	(X)	(X)	(X)
3741	Locomotives and parts.....	(D)	(D)	(D)	(D)	(D)	(D)	(X)	(X)	(D)	(D)	(X)	(X)
3742	Railroad and street cars.....	103.6	43.6	195.5	100.7	3.6	2.1	(X)	(X)	49.6	19.0	(X)	(X)
3751	Motorcycles, bicycles, and parts.....	(X)	(X)	(D)	(D)	(X)	(X)	(X)	(X)	7.0	3.8	(X)	(X)
3791	Trailer coaches.....	(X)	(X)	(D)	(D)	(D)	(D)	(X)	(X)	(X)	(X)	(X)	(X)
3799	Transportation equipment, n.e.c.....	(X)	(X)	2.5	1.5	(X)	(X)	(X)	(X)	0.4	0.2	(X)	(X)
38	Instruments and related products...	3.0	0.3	11.4	10.1	45.4	34.4	18.2	15.5	(X)	(X)	(X)	(X)
3811	Engineering and scientific instruments.	(X)	(X)	0.7	1.0	3.3	3.0	1.0	0.8	(X)	(X)	(X)	(X)
3821	Mechanical measuring devices.....	(X)	(X)	6.3	6.7	20.9	17.7	11.0	9.1	(X)	(X)	(X)	(X)
3822	Automatic temperature controls.....	(X)	(X)	(D)	(D)	7.6	4.8	6.2	5.6	(X)	(X)	(X)	(X)
3831	Optical instruments and lenses.....	3.0	0.3	(D)	(D)	4.5	3.6	(Z)	(Z)	(X)	(X)	(X)	(X)
3861	Photographic equipment and supplies....	(X)	(X)	(X)	(X)	(NA)	5.3	(X)	(X)	(X)	(X)	(X)	(X)

See footnotes at end of table.

**TABLE 4D. Selected Castings and Forgings Consumed, by Selected Industry Groups and Industries: 1967--Continued**

Code	Industry group and industry	Castings - rough and semifinished								Forgings			
		Iron (gray and malleable) (332011)		Steel (332300)		Aluminum and aluminum-base alloy (336100)		Copper and copper-base alloy (336200)		Iron and steel (33910C)		Aluminum and aluminum-base alloy (339200)	
		Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)
39	Miscellaneous manufacturing industries.....	(X)	(X)	(X)	(X)	(D)	(D)	4.2	4.0	(X)	(X)	(X)	(X)
3914	Silverware and plated ware.....	(X)	(X)	(X)	(X)	(D)	(D)	0.5	0.5	(X)	(X)	(X)	(X)
3949	Sporting and athletic goods, n.e.c.....	(X)	(X)	(X)	(X)	2.7	2.3	(X)	(X)	(X)	(X)	(X)	(X)
3999	Manufacturers, n.e.c.....	(X)	(X)	(X)	(X)	(X)	(X)	3.7	3.5	(X)	(X)	(X)	(X)
19	Ordnance and accessories.....	(D)	(D)	36.4	31.7	(D)	(D)	(D)	(D)	113.5	55.7	10.4	11.5
1925	Complete guided missiles.....	(X)	(X)	0.7	0.5	1.5	3.3	(D)	(D)	0.2	0.7	1.2	1.3
1929	Ammunition, except for small arms, n.e.c.....	12.4	7.6	2.5	1.2	5.1	7.8	0.1	0.1	97.2	42.4	3.3	5.4
1931	Tanks and tank components.....	(D)	(D)	(D)	(D)	(D)	(D)	(X)	(X)	(D)	(D)	(D)	(D)
1951	Small arms.....	(D)	(D)	(D)	(D)	(D)	(D)	(X)	(X)	(D)	(D)	(D)	(D)
1911	Guns, howitzers, and mortars	(D)	(D)	3.6	2.6	7.8	6.9	(D)	(D)	2.2	4.5	(NA)	0.4
1999	Ordnance and accessories, n.e.c.....												

Note: The data shown in this table represent purchases by metal fabricating plants from other establishments including interplant transfers between establishments operated by the same company. Data on the quantities of castings and forgings produced and consumed in the same establishment are excluded from this table but are available for selected industries in the industry by materials tables in another portion of this report.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Less than one-half of the unit of measure specified.

<sup>1</sup>Major group (2-digit) totals include (a) data for individual industries for which data are published as well as for those industries which could not be published without disclosing the operations of individual companies and (b) an estimate of quantities for industries for which cost data were publishable but for which quantity data were suppressed because of significant nonreporting of quantity figures. The estimates for quantities were based on an average for a 2-digit industry group derived from those industry totals within the group for which valid totals of quantity and associated cost were reported.

<sup>2</sup>The "Metal fabricating industries" include establishments whose primary activity is the manufacture of products fabricated beyond the metal mill or foundry level.

**TABLE 4E. Ball and Roller Bearings Consumed by Selected Industries: 1967**

Code	Industry	Delivered cost (million dollars)			Code	Industry	Delivered cost (million dollars)		
		Total	Ball bearings	Roller bearings			Total	Ball bearings	Roller bearings
			(356218)	(356209)				(356218)	(356209)
	Total.....	610.3	269.9	340.4	3564	Blowers and fans.....	3.5	3.1	0.4
					3566	Power transmission equipment.....	19.1	10.8	8.3
3511	Steam engines and turbines.....	2.8	0.9	1.9	3569	General industrial machinery, n.e.c....	1.7	1.0	0.7
3519	Internal combustion engines.....	8.7	5.6	3.1	3573	Electronic computing equipment.....	4.1	(D)	(D)
3522	Farm machinery.....	55.4	35.7	19.7	3576	Scales and balances.....	0.2	(D)	(D)
3531	Construction machinery.....	55.1	18.6	36.5	3579	Office machines, n.e.c.....	1.0	(D)	(D)
3532	Mining machinery.....	4.8	1.4	3.4	3585	Refrigeration machinery.....	5.9	5.7	0.2
3533	Oilfield machinery.....	5.1	2.6	2.5					
3534	Elevators and moving stairways.....	1.4	1.0	0.4	3611	Electric measuring instruments.....	0.6	0.6	-
3535	Conveyors and conveying equipment.....	8.4	4.6	3.8	3621	Motors and generators.....	22.4	20.7	1.7
3536	Hoists, cranes, and monorails.....	4.9	1.8	3.1	3694	Engine electrical equipment.....	13.0	(D)	(D)
3537	Industrial trucks and tractors.....	3.2	1.6	1.6	3711	Motor vehicles.....	38.0	13.0	25.0
3541	Machine tools, metal-cutting types.....	17.2	12.1	5.1	3713	Truck and bus bodies.....	0.3	0.2	0.1
3542	Machine tools, metal-forming types.....	3.1	1.5	1.6	3714	Motor vehicle parts and accessories...	127.7	26.9	100.8
3544	Special dies, tools, jigs, and fixtures	0.9	0.6	0.3	3715	Truck trailers.....	1.4	(D)	(D)
3545	Machine tool accessories.....	0.8	0.6	0.2	3721	Aircraft.....	5.9	2.7	3.2
3548	Metalworking machinery, n.e.c.....	17.5	8.8	8.7	3722	Aircraft engines and parts.....	14.4	9.1	5.3
3551	Food products machinery.....	4.8	3.2	1.6	3729	Aircraft equipment, n.e.c.....	23.8	15.2	8.6
3552	Textile machinery.....	7.1	5.8	1.3	3742	Railroad and street cars.....	43.9	(D)	(D)
3553	Woodworking machinery.....	2.6	(D)	(D)	3751	Motorcycles, bicycles, and parts.....	1.5	(D)	(D)
3554	Paper industries machinery.....	7.2	5.4	1.8	3799	Transportation equipment, n.e.c.....	1.1	0.4	0.7
3555	Printing trades machinery.....	5.0	(D)	(D)	3811	Engineering and scientific instruments	2.1	(D)	(D)
3559	Special industry machines, n.e.c.....	7.5	3.9	3.6	3821	Mechanical measuring devices.....	1.5	1.4	0.1
3561	Pumps and compressors.....	12.5	7.1	5.4	1925	Complete guided missiles.....	0.3	0.3	-
3562	Ball and roller bearings.....	23.3	15.6	7.7	1951	Small arms.....	1.2	1.0	0.2
						All other industries <sup>1</sup> .....	23.2	17.9	5.3

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. n.e.c. Not elsewhere classified.

<sup>1</sup>Includes industries 3433, Heating Equipment, Except Electric; 3572, Typewriters; 3574, Calculating and Accounting Machines; 3586, Measuring and Dispensing Pumps; 3632, Household Refrigerators and Freezers; 3741, Locomotives and Parts; 3791, Trailer Coaches; 3822, Automatic Temperature Controls; 3831, Optical Instruments and Lenses; 1929, Ammunition, n.e.c.; 1931, Except for Small Arms, Tanks and Tank Components; 1961, Small arms Ammunition; 1911, Guns, Howitzers, and Mortars; and 1999, Ordnance and Accessories.



TABLE 4F. Electric Motors and Generators Consumed, by Selected Industries: 1967

Code	Industry	Timing motors, synchronous and subsynchronous (362110)		Other fractional horsepower motors (362115)		Integral horsepower motors and generators (362120)	
		Number	Delivered cost	Number	Delivered cost	Number	Delivered cost
		(1,000)	(million dollars)	(1,000)	(million dollars)	(1,000)	(million dollars)
	Total.....	(NA)	180.2	(NA)	472.2	(NA)	368.1
3433	Heating equipment, except electric.....	1,505.5	15.9	1,201.1	15.8	42.5	3.0
3511	Steam engines and turbines.....	-	(Z)	-	-	(1)	(1)
3519	Internal combustion engines, n.e.c. ....	-	-	-	(Z)	98.6	16.0
3522	Farm machinery.....	-	-	(NA)	9.4	133.7	9.2
3531	Construction machinery.....	-	-	-	-	(NA)	22.3
3532	Mining machinery.....	-	-	-	-	8.5	5.9
3534	Elevators and moving stairways.....	-	-	12.3	0.7	7.7	3.6
3535	Conveyors and conveying equipment.....	-	-	42.4	3.1	25.1	4.1
3536	Hoists, cranes, and monorails.....	-	-	-	-	33.5	6.9
3537	Industrial trucks and tractors.....	-	-	(NA)	1.7	(NA)	2.4
3541	Machine tools, metal-cutting types.....	<sup>2</sup> 174.4	<sup>2</sup> 7.7	( <sup>2</sup> )	( <sup>2</sup> )	110.8	21.2
3542	Machine tools, metal-forming types.....	(NA)	0.4	(NA)	1.4	26.2	11.1
3544	Special dies, tools, jigs, and fixtures.....	5.8	0.3	4.2	0.3	2.4	0.6
3545	Machine tool accessories.....	(1)	(1)	6.1	0.3	(NA)	1.4
3548	Metalworking machinery, n.e.c. ....	(1)	(1)	(NA)	5.9	(NA)	3.5
3551	Food products machinery.....	-	-	127.9	5.0	53.2	7.1
3552	Textile machinery.....	-	-	-	-	(NA)	7.0
3553	Woodworking machinery.....	-	-	-	-	73.2	5.7
3554	Paper industries machinery.....	-	-	-	-	20.6	13.4
3555	Printing trades machinery.....	-	-	61.6	2.5	13.1	6.6
3559	Special industry machines, n.e.c. ....	-	-	(NA)	9.6	95.8	21.9
3561	Pumps and compressors.....	-	-	1,617.0	28.7	366.6	40.1
3564	Blowers and fans.....	<sup>2</sup> 677.4	<sup>2</sup> 12.1	( <sup>2</sup> )	( <sup>2</sup> )	128.9	10.8
3569	General industrial machinery, n.e.c. ....	-	-	124.0	4.8	23.9	3.0
3572	Typewriters.....	<sup>2</sup> 1,359.9	<sup>2</sup> 5.8	( <sup>2</sup> )	( <sup>2</sup> )	(1)	(1)
3573	Electronic computing and related machines.....	(NA)	4.7	(1)	(1)	(1)	(1)
3574	Calculating and accounting machines.....	214.3	0.5	(1)	(1)	57.6	4.3
3576	Scales and balances.....	4.1	0.4	11.3	0.5	(NA)	0.3
3579	Office machines, n.e.c. ....	313.8	2.1	208.1	2.6	-	-
3581	Automatic merchandising machines.....	921.8	4.7	(NA)	1.6	(1)	(1)
3582	Commercial laundry equipment.....	(NA)	0.9	79.1	2.1	25.2	3.5
3585	Refrigeration machinery.....	(NA)	27.9	9,979.0	104.2	4,240.0	107.9
3586	Measuring and dispensing pumps.....	-	-	148.5	3.5	(D)	(1)
3589	Service industry machines, n.e.c. ....	108.2	2.7	336.2	5.0	52.7	4.7
3611	Electric measuring instruments.....	-	-	0.2	1.3	-	-
3621	Transformers.....	-	-	-	-	38.3	10.9
3631	Household cooking equipment.....	(1)	(1)	1,345.6	3.0	(1)	(1)
3632	Household refrigerators and freezers.....	1,381.8	4.4	12,555.0	74.8	(1)	(1)
3633	Household laundry equipment.....	4,335.5	20.1	5,368.3	51.0	-	-
3634	Electric housewares and fans.....	<sup>2</sup> 6,224.7	<sup>2</sup> 16.8	( <sup>2</sup> )	( <sup>2</sup> )	64.4	0.2
3635	Household vacuum cleaners.....	(1)	(1)	914.6	5.2	(1)	(1)
3636	Sewing machines.....	(1)	(1)	(1)	(1)	-	-
3639	Household appliances, n.e.c. ....	2,023.3	4.9	2,151.0	20.1	10.6	0.5
3651	Radio and TV receiving sets.....	6.0	11.2	4.3	11.5	-	-
3662	Radio and TV communication equipment.....	(NA)	18.7	271.3	9.7	-	-
3679	Electronic components, n.e.c. ....	173.0	1.9	(1)	(1)	-	-
3711	Motor vehicles.....	-	-	(1)	(1)	-	-
3713	Truck and bus bodies.....	-	-	81.7	0.4	-	-
3714	Motor vehicle parts and accessories.....	-	-	2,521.6	10.2	(Z)	(Z)
3721	Aircraft.....	5.8	0.6	8.6	0.8	13.3	1.8
3722	Aircraft engines and engine parts.....	45.8	1.5	(1)	(1)	0.4	0.2
3729	Aircraft equipment, n.e.c. ....	(1)	(1)	(1)	(1)	(1)	(1)
3731	Ship building and repairing.....	-	-	-	-	3.2	6.2
3732	Boat building and repairing.....	-	-	-	-	1.0	1.0
3741	Locomotives and parts.....	-	-	-	-	(1)	(1)
3811	Engineering and scientific instruments.....	0.3	4.7	0.2	4.5	-	-
3821	Mechanical measuring devices.....	0.7	6.0	0.2	2.8	-	-
3822	Automatic temperature control.....	<sup>2</sup> 3.2	<sup>2</sup> 4.3	( <sup>2</sup> )	( <sup>2</sup> )	-	-
3861	Photographic equipment and supplies.....	0.7	3.2	1.8	5.4	-	-
3871	Watches and clocks.....	3,138.1	4.4	(1)	(1)	-	-
3941	Games and toys.....	-	-	28,940.2	4.3	-	-
3949	Sporting and athletic goods, n.e.c. ....	-	-	283.3	4.8	-	-
1925	Complete guided missiles.....	(1)	(1)	(1)	(1)	(1)	(1)
	All other industries.....	(NA)	10.6	(NA)	35.9	16	37.6

Note: Data are limited to electric motors and generators purchased from other companies (including imports), or received from other establishments of the same company. Those produced and consumed in the same establishment are excluded.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. (Z) Less than \$500 thousand. n.e.c. Not elsewhere classified.

<sup>1</sup>Included with "All other industries".

<sup>2</sup>Data for all other fractional horsepower motors are included with timing motors, synchronous and subsynchronous.

The following tables, 7A and 7B, are reprinted from the 80 separate industry reports.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Description of materials	1967			1963		
		Number of head (1,000)	Quantity (million pounds)	Delivered cost (million dollars)	Number of head (1,000)	Quantity (million pounds)	Delivered cost (million dollars)
	INDUSTRY 2011.--MEATPACKING PLANTS						
	Materials, containers, and supplies, total.....	(X)	(X)	12,687.7	(X)	(X)	10,007.4
013513	Cattle.....	28,252.7	28,972.0	6,732.0	23,748.6	24,461.1	4,980.8
013523	Calves.....	4,229.9	1,075.9	280.1	4,931.4	971.5	256.6
013943	Sheep and lambs.....	11,560.7	1,130.8	245.5	14,807.3	1,421.5	284.3
013633	Hogs.....	74,579.2	18,443.5	3,500.0	77,425.0	18,194.9	2,822.2
	Fresh and frozen meats:						
201111	Beef.....	(X)	701.9	285.4	(X)	536.6	192.0
201121	Veal.....	(X)	17.9	8.0	(X)	25.7	10.4
201131	Lamb.....	(X)	14.8	6.5	(X)	40.3	11.9
201141	Pork.....	(X)	828.6	282.5	(X)	1,239.6	390.6
201101	Meat materials for sausage and canning, not separable by species	(X)	440.3	146.1	(X)	334.7	112.4
201161	Processed pork--cured, smoked, etc.....	(X)	134.4	51.7	(X)	155.2	46.9
201102	Other purchased meat, materials (cured beef, cured lamb, goat meat, etc.).....	(X)	49.8	18.5	(X)	83.0	20.8
201191	Hides, skins, and pelts purchased.....	(X)	(X)	29.6	(X)	(X)	22.8
	Casings:						
201391	Animal casings purchased.....	(X)	(X)	12.4	(X)	(X)	14.2
307914	Synthetic casings.....	(X)	(X)	26.1	(X)	(X)	24.2
970099	All other materials, ingredients, containers, packaging materials and supplies.....	(X)	(X)	615.7	(X)	(X)	474.8
976000	Materials, etc., n.s.k. <sup>2</sup> .....	(X)	(X)	447.6	(X)	(X)	342.3
				1967		1963	
	Material			Quantity	Delivered cost	Quantity	Delivered cost
				(million pounds)	(million dollars)	(million pounds)	(million dollars)
	INDUSTRY 2013.--SAUSAGES AND OTHER PREPARED MEATS						
	Materials, containers, and supplies, total.....		(X)	1,890.0	(X)	1,296.6	
013513	Cattle.....		(X)	( <sup>3</sup> )	(X)	( <sup>3</sup> )	
013523	Calves.....		(X)	( <sup>3</sup> )	(X)	( <sup>3</sup> )	
013943	Sheep and lambs.....		(X)	( <sup>3</sup> )	(X)	( <sup>3</sup> )	
013633	Hogs.....		(X)	( <sup>3</sup> )	(X)	( <sup>3</sup> )	
	Fresh and frozen meats:						
201111	Beef.....		819.1	328.2	746.3	251.8	
201121	Veal.....		27.1	12.4	36.8	14.7	
201131	Lamb.....		37.6	13.2	25.6	7.3	
201141	Pork.....		1,639.9	580.9	1,480.2	440.1	
201101	Meat materials for sausage and canning, not separable by species.....		845.3	305.4	539.1	147.2	
201161	Processed pork--cured, smoked, etc.....		291.0	117.4	184.9	61.6	
201102	Other purchased meat, materials (cured beef, cured lamb, goat meat, etc.).....		37.3	13.5	91.1	30.2	
201191	Hides, skins, and pelts purchased.....		(X)	0.6	(X)	( <sup>3</sup> )	
	Casings:						
201391	Animal casings purchased.....		(X)	34.0	(X)	33.3	
307914	Synthetic casings.....		(X)	25.2	(X)	23.6	
970099	All other materials, ingredients, containers, packaging materials and supplies.....		(X)	257.3	(X)	173.1	
976000	Materials, etc., n.s.k. <sup>2</sup> .....		(X)	201.9	(X)	113.8	

See footnotes at end of table.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2015.--POULTRY DRESSING PLANTS					
	Materials, parts, and supplies, total.....		(X)	2,244.5	(X)	1,743.8
	Poultry killed:					
013011	Young chickens (including commercial broilers).....	Live weight				
		million lbs.....	8,644.1	1,285.1	6,174.8	946.6
013021	Hens (or fowl) and other chickens.....	...do.....	671.6	69.7	617.8	79.6
013431	Turkeys.....	...do.....	1,884.4	392.3	1,197.6	272.0
013435	Other poultry and small game (including ducks, geese, rabbits, etc.).....		(X)	11.7	(X)	10.8
	Other materials used:					
201501	Dressed poultry purchased as such.....	Dressed weight				
		million lbs.....	339.2	90.4	256.3	66.5
013451	Shell eggs.....	1,000 cases				
		(30 doz.).....	15,852.6	117.5	12,423.8	109.4
970099	All other materials, ingredients, containers, and supplies.....		(X)	181.0	(X)	150.9
976000	All other materials, parts, and supplies, n.s.k. <sup>2</sup> .....		(X)	96.8	(X)	107.9

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: -Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>An extensive review of these data have shown that a substantial number of establishments have included "baby beef" in this category.

<sup>2</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

<sup>3</sup>Included in All Other Materials, Code 970099.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2021.--CREAMERY BUTTER					
	Materials, ingredients, containers, and supplies consumed, total.....		(X)	773.0	(X)	784.0
013205	Whole milk.....	Million cwt.....	110.5	452.6	145.7	475.7
202612	Fluid skim milk.....	..do.....	7.8	11.6	14.4	14.6
202613	Cream.....	..do.....	4.7	154.8	7.6	161.1
202101	Butter <sup>2</sup> .....	Million lbs.....	47.5	32.7	25.9	13.3
202401	Ice cream mix, sherbet mix, and ice milk mix.....	1,000 gals.....	(D)	(D)	94.5	1.0
206011	Sugar (cane and beet) in terms of sugar solids.....	1,000 cwt.....	(X)	( <sup>3</sup> )	757.4	8.0
202210	Natural cheese other than cottage.....	Million lbs.....	(D)	(D)	3.5	1.2
202301	Condensed and evaporated milk.....	..do.....	6.0	0.6	38.9	1.4
202311	Dried milk.....	..do.....	15.8	3.2	8.4	1.2
970099	All other materials, ingredients, containers, and supplies.....		(X)	39.7	(X)	35.2
976000	Materials, n.s.k. <sup>1</sup> .....		(X)	76.2	(X)	71.3
	INDUSTRY 2022.--CHEESE, NATURAL AND PROCESSED					
	Materials, containers, and supplies, total.....		(X)	1,391.5	(X)	932.4
013205	Whole milk.....	Million cwt.....	133.2	551.7	122.9	403.9
202612	Fluid skim milk.....	..do.....	3.9	5.7	5.4	5.5
202613	Cream.....	..do.....	1.0	32.9	1.1	30.9
202101	Butter.....	Million lbs.....	(D)	(D)	(D)	(D)
202301	Condensed and evaporated milk.....	..do.....	13.6	0.9	14.0	0.6
202311	Dried milk.....	..do.....	28.3	5.2	12.6	2.0
202210	Natural cheese, other than cottage cheese.....	..do.....	1,258.2	574.3	848.3	312.0
202401	Ice cream mix, sherbet mix, and ice milk mix.....	1,000 gals.....	(D)	(D)	(D)	(D)
206011	Sugar (cane and beet) in terms of sugar solids.....	1,000 cwt.....	27.3	0.3	54.4	0.6
970099	All other materials and components, containers, and supplies.....		(X)	122.3	(X)	78.4
976000	Materials, containers, and supplies, n.s.k. <sup>1</sup> .....		(X)	95.6	(X)	97.1
	INDUSTRY 2023.--CONDENSED AND EVAPORATED MILK					
	Materials, containers, and supplies, total.....		(X)	836.3	(X)	657.4
013205	Whole milk.....	Million cwt.....	97.1	412.5	100.8	341.5
202612	Fluid skim milk.....	..do.....	26.4	39.6	48.5	39.0
202613	Cream.....	..do.....	0.8	26.9	0.7	21.3
202101	Butter.....	Million lbs.....	13.5	9.6	(D)	(D)
202301	Condensed and evaporated milk.....	..do.....	237.1	19.3	165.2	10.3
202311	Dried milk.....	..do.....	239.8	49.6	260.1	41.4
202210	Natural cheese, other than cottage cheese.....	..do.....	5.3	2.5	(D)	(D)
202401	Ice cream mix, sherbet mix, and ice milk mix.....	Million gals.....	1.3	1.5	(D)	(D)
206011	Sugar (cane and beet) in terms of sugar solids.....	1,000 cwt.....	2,503.0	26.2	1,492.3	14.5
970099	All other materials and components, containers, and supplies.....		(X)	208.2	(X)	153.5
976000	Materials, containers, and supplies, n.s.k. <sup>1</sup> .....		(X)	40.4	(X)	27.2
	INDUSTRY 2024.--ICE CREAM AND FROZEN DESSERTS					
	Materials, containers, and supplies, total.....		(X)	564.9	(X)	538.9
013205	Whole milk.....	Million cwt.....	5.7	27.5	12.6	48.9
202612	Fluid skim milk.....	..do.....	1.3	4.4	1.3	2.3
202613	Cream.....	..do.....	3.2	106.4	3.5	103.1
202101	Butter.....	Million lbs.....	28.5	15.3	(D)	(D)
202401	Ice cream mix, sherbet mix and ice milk mix.....	Million gals.....	61.9	55.8	62.0	55.1
206011	Sugar (cane and beet) in terms of sugar solids.....	1,000 cwt.....	4,023.5	37.2	3,879.7	39.5
202210	Natural cheese, other than cottage.....	Million lbs.....	-	-	(D)	(D)
202301	Condensed and evaporated milk.....	..do.....	365.0	46.0	439.6	45.2
202311	Dried milk.....	..do.....	60.8	11.3	56.2	8.3
970099	All other materials and components, parts, containers and supplies.....		(X)	200.0	(X)	176.0
976000	Materials, containers, and supplies, n.s.k. <sup>1</sup> .....		(X)	61.0	(X)	53.2
	INDUSTRY 2026.--FLUID MILK					
	Materials, containers, and supplies, total.....		(X)	4,817.5	(X)	4,232.1
013205	Whole milk.....	Million cwt.....	614.4	3,454.7	631.6	2,970.5
202612	Fluid skim milk.....	..do.....	21.1	51.8	25.3	32.0
202613	Cream.....	..do.....	4.3	132.7	4.9	130.1
202101	Butter.....	Million lbs.....	56.4	38.6	(D)	(D)
202401	Ice cream mix, sherbet mix, and ice milk mix.....	Million gals.....	36.7	37.6	44.2	37.9
206011	Sugar (cane and beet) in terms of sugar solids.....	1,000 cwt.....	4,119.3	42.0	3,419.2	35.7
202210	Natural cheese, other than cottage.....	Million lbs.....	7.7	3.6	(D)	(D)
202301	Condensed and evaporated milk.....	..do.....	139.1	12.6	156.0	8.9
202311	Dried milk.....	..do.....	176.0	36.2	108.6	17.5
970099	All other materials and components, parts, containers, and supplies.....		(X)	607.9	(X)	543.4
976000	Materials, containers, and supplies, n.s.k. <sup>1</sup> .....		(X)	399.8	(X)	456.2

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

<sup>2</sup>Cost of delivered butter for Industry 2021, Creamery Butter, probably should have been reported by respondents as part of their cost of resales.

<sup>3</sup>Included with material code 970099.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963-Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 2031.--CANNED AND CURED SEAFOODS						
	Materials, ingredients, containers, and supplies consumed, total.....		(X)	261.9	(X)	228.8
091211	Finfish, round.....	1,000 short tons.	402.8	137.6	476.8	126.9
091311	Shellfish.....	..do.....	125.5	37.2	76.6	23.1
209006	Fats and oils, all types (purchased as such).....	million pounds...	25.7	3.4	36.7	4.9
260091	Paper and paperboard containers.....		(X)	3.4	(X)	4.3
340001	Metal containers.....		(X)	29.4	(X)	34.0
970099	All other materials, ingredients, containers, and supplies consumed.....		(X)	25.4	(X)	21.2
976000	Materials, n.s.k. <sup>1</sup> .....		(X)	25.5	(X)	14.3
INDUSTRY 2032.--CANNED SPECIALTIES						
	Materials, ingredients, containers, and supplies consumed, total.....		(X)	709.3	(X)	566.8
012290	Fresh fruit.....	1,000 short tons.	129.1	9.8	122.7	8.1
	Fresh vegetables:					
012311	Green peas.....	..do.....	7.0	0.8	5.0	0.8
011951	Irish potatoes.....	..do.....	58.7	2.8	49.6	2.1
012341	Tomatoes.....	..do.....	543.6	22.5	636.2	20.5
012331	Sweet corn.....	..do.....	67.9	1.9	( <sup>2</sup> )	( <sup>2</sup> )
012321	Snap or wax beans.....	..do.....	19.5	1.8	13.8	1.5
012391	Other fresh vegetables.....	..do.....	(X)	26.8	(X)	20.2
	Other materials, ingredients, containers, and supplies:					
203413	Dried beans.....	..do.....	182.7	31.3	191.8	32.4
206011	Sugar (cane and beet).....	1,000 cwt.....	1,286.3	12.5	1,710.1	16.8
209006	Fats and oils, all types.....	Million pounds...	52.9	8.2	54.6	7.5
203411	Dried fruit.....	1,000 short tons.	2.8	1.2	2.0	0.8
201013	Fresh and prepared meats, other than poultry.....	Million pounds...	178.8	69.8	141.3	50.3
204110	Wheat flour.....	1,000 cwt.....	2,077.5	15.4	1,479.4	10.4
201501	Dressed poultry.....	Million pounds...	34.5	10.9	166.3	64.5
203348	Concentrated fruit juices.....	1,000 gallons...	0.3	0.8	(X)	(X)
	Containers:					
265011	Paperboard containers.....		(X)	22.8	(X)	17.8
341101	Metal cans.....		(X)	153.2	(X)	135.7
322102	Glass containers.....		(X)	89.7	(X)	62.0
970099	All other materials, ingredients, containers, and supplies, consumed.....		(X)	195.5	(X)	115.3
976000	Material, n.s.k. <sup>1</sup> .....		(X)	31.8	(X)	
INDUSTRY 2033.--CANNED FRUITS AND VEGETABLES						
	Materials, ingredients, containers, and supplies consumed, total.....		(X)	1,925.6	(X)	1,599.2
	Fresh fruit:					
012231	Oranges.....	1,000 short tons.	1,820.1	66.2	886.6	62.1
012211	Apples.....	..do.....	704.7	43.2	601.9	29.6
012221	Apricots.....	..do.....	101.3	14.0	119.1	11.6
012241	Grapes.....	..do.....	249.1	22.3	242.9	25.8
012261	Peaches.....	..do.....	682.2	67.4	829.0	59.9
012271	Pears.....	..do.....	249.4	41.4	254.4	29.9
012273	Pineapples.....	..do.....	994.2	33.1	1,101.6	33.3
012281	Strawberries.....	..do.....	21.3	6.8	26.7	7.5
012291	Other fresh fruits.....	..do.....	(X)	97.7	(X)	65.6
	Fresh vegetables:					
012351	Cucumbers.....	..do.....	27.7	2.7	25.7	2.2
012311	Green peas.....	..do.....	343.3	34.7	352.7	32.8
011951	Irish potatoes.....	..do.....	134.9	4.3	199.7	6.4
012341	Tomatoes.....	..do.....	4,439.4	185.8	3,376.9	104.9
012331	Sweet corn.....	..do.....	1,399.2	32.5	1,334.7	26.7
012321	Snap or wax beans.....	..do.....	373.9	37.8	275.2	26.5
012391	Other fresh vegetables.....	..do.....	(X)	80.3	(X)	75.5
	Other materials, ingredients, containers, and supplies:					
203413	Dried beans.....	..do.....	43.4	8.8	53.2	9.2
206011	Sugar (cane and beet).....	1,000 cwt.....	11,377.2	110.8	12,211.7	117.8
209006	Fats and oils, all types.....	million lbs.....	68.5	8.6	53.6	5.2
203411	Dried fruit.....	1,000 short tons.	39.3	14.8	42.0	14.8
201013	Fresh and prepared meats, other than poultry.....	million lbs.....	7.9	1.9	4.6	1.5
204110	Wheat flour.....	1,000 cwt.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
201501	Dressed poultry.....	million lbs.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
203348	Concentrated fruit juices.....	million gals.....	8.5	16.7	( <sup>3</sup> )	( <sup>3</sup> )

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
2033--	CANNED FRUITS AND VEGETABLES--Con.					
	Other materials, ingredients, containers, and supplies--Con.					
	Containers:					
265011	Paperboard containers.....		(X)	48.0	(X)	42.6
341101	Metal cans.....		(X)	419.0	(X)	389.5
322102	Glass containers.....		(X)	127.7	(X)	101.3
970099	All other materials, ingredients, containers, and supplies, consumed.....		(X)	298.1	(X)	234.0
976000	Materials, n.s.k. <sup>1</sup> .....		(X)	100.7	(X)	82.8
	INDUSTRY 2034.--DEHYDRATED FOOD PRODUCTS					
	Materials, ingredients, containers, and supplies consumed, total.....		(X)	245.1	(X)	200.2
012301	Fresh vegetables.....	1,000 short tons..	1,322.6	50.7	735.0	26.6
012203	Fresh fruits.....	..do.....	299.4	12.3	(X)	3.0
203411	Dried fruits.....	..do.....	360.2	103.9	399.6	122.0
206011	Sugar (cane and beet).....	1,000 cwt.....	279.8	2.9	166.7	1.6
970099	All other materials, ingredients, containers, and supplies consumed.....		(X)	59.2	(X)	39.2
976000	Materials, n.s.k. <sup>1</sup> .....		(X)	16.1	(X)	7.8
	INDUSTRY 2035.--PICKLES, SAUCES, AND SALAD DRESSINGS					
	Materials, ingredients, containers, and supplies consumed, total.....		(X)	500.5	(X)	402.8
012351	Cucumbers.....	1,000 short tons.	570.9	58.9	472.3	32.3
012301	Other fresh vegetables.....	..do.....	75.9	5.9	(X)	( <sup>2</sup> )
012203	Fresh fruits.....	..do.....	6.1	1.3	(X)	( <sup>2</sup> )
203411	Dried fruits.....	..do.....	0.4	0.2	( <sup>2</sup> )	( <sup>2</sup> )
204110	Wheat flour.....	1,000 cwt.....	16.9	0.1	( <sup>2</sup> )	( <sup>2</sup> )
204602	Corn sirup.....	Million lbs.....	37.7	2.4	( <sup>2</sup> )	( <sup>2</sup> )
206011	Sugar (cane and beet).....	..do.....	2,293.6	23.2	2,666.1	26.7
209006	Fats and oils, all types.....	Million lbs.....	727.7	92.1	836.3	95.1
322101	Glass containers.....	1,000 gross.....	12,571.7	88.8	(X)	77.5
970099	All other materials, ingredients, containers and supplies consumed.....		(X)	188.3	(X)	132.5
976000	Materials, n.s.k. <sup>1</sup> .....		(X)	39.3	(X)	38.7
	INDUSTRY 2036.--FRESH OR FROZEN PACKAGED FISH					
	Materials, ingredients, containers, and supplies consumed, total.....		(X)	356.7	(X)	242.4
091211	Finfish, round.....	1,000 short tons..	<sup>e</sup> 302.8	102.8	246.3	86.2
091311	Shellfish.....	..do.....	<sup>e</sup> 265.2	155.5	140.2	88.0
209006	Fats and oils, all types (purchased as such).....	Million lbs.....	19.1	3.0	20.0	3.0
340001	Metal containers.....		(X)	(Z)	(X)	3.8
970099	All other materials, ingredients, containers, and supplies consumed.....		(X)	<sup>4</sup> 31.4	(X)	31.0
976000	Materials, n.s.k. <sup>1</sup> .....		(X)	64.0	(X)	30.3
	INDUSTRY 2037.--FROZEN FRUITS AND VEGETABLES					
	Materials, ingredients, containers, and supplies consumed, total.....		(X)	1,178.0	(X)	917.7
	Fresh fruit:					
012231	Oranges.....	1,000 short tons..	2,937.6	101.0	1,783.2	146.1
012211	Apples.....	..do.....	102.1	7.0	112.1	6.5
012221	Apricots.....	..do.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
012241	Grapes.....	..do.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
012261	Peaches.....	..do.....	26.7	3.4	34.5	2.9
012271	Pears.....	..do.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
012273	Pineapples.....	..do.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
012281	Strawberries.....	..do.....	66.6	20.2	83.1	19.9
012291	Other fresh fruits.....	..do.....	(X)	38.5	(X)	38.2

See footnotes at end of table.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 2037--FROZEN FRUITS AND VEGETABLES--Con.						
Fresh vegetables:						
012351	Cucumbers.....	...do.....	(X)	(X)	(X)	(X)
012311	Green peas.....	...do.....	221.4	25.4	201.0	21.4
011951	Irish potatoes.....	...do.....	1,500.4	46.5	1,015.4	29.4
012341	Tomatoes.....	...do.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
012331	Sweet corn.....	...do.....	659.2	20.5	331.5	9.0
012321	Snap or wax beans.....	...do.....	137.7	16.2	106.1	13.0
012391	Other fresh vegetables.....	...do.....	(X)	77.9	(X)	58.7
Other materials, ingredients, containers, and supplies:						
203413	Dried beans.....	...do.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
206011	Sugar (cane and beet).....	1,000 cwt.....	2,933.4	29.0	2,408.5	24.4
209006	Fats and oils, all types.....	Million lbs.....	217.6	31.4	135.2	18.0
203411	Dried fruit.....	1,000 short tons..	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
201013	Fresh and prepared meats, other than poultry.....	Million lbs.....	239.0	105.3	135.7	53.9
204110	Wheat flour.....	1,000 cwt.....	2,520.0	15.4	2,877.6	16.1
201501	Dressed poultry.....	Million lbs.....	165.4	52.7	101.7	30.7
203348	Concentrated fruit juices.....	Million gals.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Containers:						
265011	Paperboard containers.....	.....	(X)	115.0	(X)	89.7
341101	Metal cans.....	.....	(X)	59.6	(X)	50.6
322101	Glass containers.....	.....	(X)	( <sup>2</sup> )	(X)	1.8
970099	All other materials, ingredients, containers, and supplies, consumed.....	.....	(X)	316.0	(X)	247.0
976000	Materials, n.s.k. <sup>1</sup> .....	.....	(X)	97.0	(X)	40.4

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Under \$50 thousand. <sup>e</sup>From 10 to 30 percent of this item was estimated.

<sup>1</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

<sup>2</sup>Included with material code 970099.

<sup>3</sup>Not collected separately in 1963.

<sup>4</sup>Includes material code 340001.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 2041.--FLOUR AND OTHER GRAIN MILL PRODUCTS						
	Materials, ingredients, containers, and supplies, total.....		(X)	1,854.7	(X)	1,690.4
011371	Wheat.....	Million bushels...	531.2	1,328.4	583.1	1,312.8
011321	Corn.....	..do.....	92.8	130.5	85.6	111.4
011331	Oats.....	..do.....	19.4	18.4	13.5	10.2
011311	Barley.....	..do.....	2.8	3.3	3.3	3.6
011361	Sorghum grain.....	..do.....	5.7	6.9	6.4	7.0
204110	Wheat flour.....	1,000 cwt.....	7,292.9	40.7	3,479.3	18.5
206011	Sugar (cane and beet) in terms of sugar solids.....	..do.....	2,260.1	22.5	1,541.5	14.5
209003	Fats and oils for use in flour and prepared flour mixes (purchased as such).....	Million lbs.....	107.0	11.3	46.3	5.6
229921	Burlap bags, new.....	Million bags.....	21.7	4.3	34.7	6.3
239301	Cotton bags.....	.....	(X)	13.0	(X)	14.7
264338	Paper shipping sacks.....	.....	(X)	27.5	(X)	25.8
265013	Paperboard, folding and corrugated boxes.....	.....	(X)	18.5	(X)	10.7
970099	All other materials, containers, and supplies consumed.....	.....	(X)	152.9	(X)	115.3
976000	Materials, ingredients, containers, and supplies, n.s.k. <sup>1</sup> .....	.....	(X)	76.5	(X)	34.0
INDUSTRY 2042.--PREPARED FEEDS FOR ANIMALS AND FOWLS						
	Materials, ingredients, containers, and supplies, total.....		(X)	3,254.8	(X)	2,615.6
011371	Wheat.....	Million bu.....	30.3	51.5	30.2	53.1
011321	Corn.....	..do.....	369.0	500.8	311.2	420.0
011331	Oats.....	..do.....	59.1	53.1	63.7	53.8
011311	Barley.....	..do.....	32.2	38.6	38.5	40.9
011361	Sorghum grain.....	..do.....	137.7	173.1	91.6	105.4
204110	Wheat flour.....	1,000 cwt.....	8,234.4	23.3	5,946.0	15.7
204123	Wheat germ.....	1,000 short tons..	160.7	8.8	(X)	( <sup>2</sup> )
206011	Sugar (cane and beet) in terms of sugar solids.....	1,000 cwt.....	2,112.4	12.3	1,025.3	8.2
209003	Fats and oils for use in flour and prepared flour mixes (purchased as such).....	Million lbs.....	15.2	1.0	74.1	4.4
209004	Fats and oils used in animal feeds.....	..do.....	1,071.1	62.0	(X)	( <sup>2</sup> )
209141	Cottonseed cake and meal.....	1,000 short tons..	635.3	51.8	(X)	( <sup>2</sup> )
209221	Soybean cake and meal.....	..do.....	6,007.2	511.2	(X)	( <sup>2</sup> )
209331	Other oilseed cake and meal.....	..do.....	207.5	16.4	(X)	( <sup>2</sup> )
204243	Alfalfa meal excluding alfalfa hay.....	..do.....	1,615.6	73.2	(X)	( <sup>2</sup> )
204135	Corn meal.....	1,000 cwt.....	8,284.0	20.6	(X)	( <sup>2</sup> )
204133	Hominy feed and meal.....	1,000 short tons..	642.2	32.0	(X)	( <sup>2</sup> )
209436	Fish meal and solubles.....	..do.....	543.9	75.0	(X)	( <sup>2</sup> )
204607	Corn gluten feed and meal.....	..do.....	699.4	54.1	(X)	( <sup>2</sup> )
204121	Millfeed and screenings.....	..do.....	2,665.6	120.0	(X)	( <sup>2</sup> )
209421	Meat meal and tankage.....	..do.....	1,521.6	142.2	(X)	( <sup>2</sup> )
208209	Brewers' and distillers' grains.....	..do.....	418.3	25.5	(X)	( <sup>2</sup> )
281826	Urea.....	..do.....	270.3	21.8	(X)	( <sup>2</sup> )
283391	Microingredients (vitamins, antibiotics, drugs, trace minerals, etc.).....	.....	(X)	147.9	(X)	( <sup>2</sup> )
204201	Supplements and concentrates (mixture of feed ingredients).....	.....	(X)	77.9	(X)	( <sup>2</sup> )
229921	Burlap bags, new.....	Million bags.....	81.6	18.5	111.7	23.3
239301	Cotton bags.....	.....	12.3	3.8	(X)	4.2
264338	Paper shipping sacks.....	.....	475.8	39.6	(X)	28.1
265013	Paperboard, folding and corrugated boxes.....	.....	(X)	19.1	(X)	12.2
340001	Metal containers.....	.....	(X)	66.6	(X)	45.2
970099	All other materials, containers, and supplies consumed.....	.....	(X)	520.1	(X)	<sup>2</sup> 1,544.7
976000	Materials, ingredients, containers, and supplies, n.s.k. <sup>1</sup> .....	.....	(X)	293.0	(X)	256.4

See footnotes at end of table.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 2043.--CEREAL PREPARATIONS						
	Materials, ingredients, containers, and supplies, total.....		(X)	275.8	(X)	245.7
011311	Barley.....	Million bu.....	1.6	2.2	0.7	1.1
011321	Corn.....	..do.....	9.5	18.1	10.0	16.3
011331	Oats.....	..do.....	(D)	(D)	22.3	17.6
011371	Wheat.....	..do.....	12.6	24.7	14.1	24.6
204110	Wheat flour.....	1,000 cwt.....	1,873.1	14.2	2,386.7	14.6
204123	Wheat germ.....	1,000 short tons..	3.3	0.8	(X)	(NA)
206011	Sugar (cane and beet).....	1,000 cwt.....	2,919.8	28.1	2,665.9	25.0
209003	Fats and oils for use in flour and prepared flour mixes (purchased as such).....	Million lbs.....	(D)	(D)	( <sup>2</sup> )	( <sup>2</sup> )
229921	Burlap bags, new.....	Million bags.....	(D)	(D)	1.3	(Z)
239301	Cotton bags.....	.....	(X)	(D)	(X)	(Z)
264338	Paper shipping sacks.....	.....	(X)	1.4	(X)	0.8
265013	Paperboard, folding and corrugated boxes.....	.....	(X)	50.9	(X)	50.5
340001	Metal containers.....	.....	(X)	(D)	(X)	
970099	All other materials, ingredients, containers, and supplies consumed.....	.....	(X)	105.7	(X)	<sup>2</sup> 92.8
976000	Materials, ingredients, containers, and supplies, n.s.k <sup>1</sup> .....	.....	(X)	2.7	(X)	2.1
INDUSTRY 2044.—RICE MILLING						
	Materials, ingredients, containers, and supplies, total.....		(X)	432.2	(X)	336.4
011301	Corn, including sorghum grain.....	Million bu.....	-	-	-	-
011341	Rice, rough.....	Million lbs.....	7,963.2	403.9	6,294.5	314.2
204601	Purchased cornstarch.....	..do.....	-	-	-	-
970099	All other materials, ingredients, containers, and supplies consumed.....	.....	(X)	28.3	(X)	22.3
INDUSTRY 2045.--BLENDED AND PREPARED FLOUR						
	Materials, ingredients, containers, and supplies, total.....		(X)	284.7	(X)	238.7
011321	Corn.....	Million bu.....	(Z)	(Z)	1.4	1.9
011371	Wheat.....	..do.....	(Z)	1.8	1.5	2.9
204110	Wheat flour.....	1,000 cwt.....	11,787.4	71.4	10,974.5	64.6
206011	Sugar (cane and beet).....	..do.....	3,839.1	38.5	4,221.9	42.4
209003	Fats and oils for use in flour and prepared flour mixes (purchased as such).....	Million lbs.....	143.6	20.5	83.0	10.8
264338	Paper shipping sacks.....	.....	(X)	1.5	(X)	1.2
265013	Paperboard, folding and corrugated boxes.....	.....	(X)	19.5	(X)	18.2
340001	Metal containers.....	.....	(X)	2.3	(X)	2.2
970099	All other materials, ingredients, containers, and supplies consumed.....	.....	(X)	123.5		
976000	Materials, ingredients, containers, and supplies, n.s.k <sup>1</sup> .....	.....	(X)	5.7	(X)	94.5
INDUSTRY 2046.--WET CORN MILLING						
	Materials, ingredients, containers, and supplies, total.....		(X)	375.9	(X)	311.3
011301	Corn, including sorghum grain.....	Million bu.....	224.1	289.1	171.5	233.1
011341	Rice, rough.....	Million lbs.....	-	-	-	-
204601	Purchased cornstarch.....	..do.....	( <sup>2</sup> )	( <sup>2</sup> )	-	-
970099	All other materials, ingredients, containers, and supplies consumed.....	.....	(X)	<sup>2</sup> 84.4	(X)	
976000	Materials, ingredients, containers and supplies, n.s.k <sup>1</sup> .....	.....	(X)	2.4		78.2

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosure of independent companies. (Z) Under \$50 thousand.

<sup>1</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

<sup>2</sup>Included under code 970099.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	1967		1963	
		Quantity	Delivered cost	Quantity	Delivered cost
		(million pounds)	(million dollars)	(million pounds)	(million dollars)
	INDUSTRY 2051.--BREAD, CAKE, AND RELATED PRODUCTS				
	Materials, ingredients, containers, and supplies, total.....	(X)	1,856.3	(X)	1,673.0
204110	Wheat flour.....	10,213.0	602.2	9,579.0	578.7
204554	Prepared flour mixes.....	642.6	72.0	440.4	56.0
206011	Sugar (cane and beet).....	1,386.1	129.2	1,296.2	128.1
209611	Shortening.....	397.4	59.5	316.5	45.5
201151	Lard.....	266.0	28.0	289.9	31.9
209601	Margarine and puff paste.....	51.1	8.7	40.3	6.7
209014	Other fats and oils .....	128.4	24.5	156.5	29.4
202311	Dried milk.....	206.4	39.4	223.1	33.3
201561	Frozen and liquid eggs.....	160.2	41.7	178.8	45.3
970005	Containers and wrapping materials.....	(X)	256.4	(X)	254.5
970099	All other materials, ingredients, and supplies.....	(X)	394.0	(X)	322.6
976000	Materials, ingredients, etc., n.s.k. <sup>1</sup> .....	(X)	200.7	(X)	141.0
	INDUSTRY 2052.--COOKIES AND CRACKERS				
	Total cost of materials, ingredients, containers, and supplies.....	(X)	561.3	(X)	475.3
204110	Wheat flour.....	2,392.9	135.8	2,268.6	115.3
204554	Prepared flour mixes.....	38.3	2.9	13.4	1.0
206011	Sugar (cane and beets) in terms of sugar solids.....	644.0	64.3	604.8	59.9
209611	Shortening.....	260.6	35.6	175.3	22.2
201151	Lard.....	199.9	17.5	195.4	18.4
209601	Margarine and puff paste.....	2.6	0.4	3.3	0.4
209014	Other fats and oils (cooking oils, butter, etc.).....	52.5	9.3	106.4	16.2
202311	Dried milk.....	19.4	3.1	18.2	2.4
201561	Frozen and liquid eggs.....	10.2	4.0	11.2	4.0
970005	Containers and wrapping materials.....	(X)	139.1	(X)	126.9
970099	All other materials, containers, and supplies.....	(X)	139.5	(X)	101.1
976000	Materials, ingredients, etc., n.s.k. <sup>1</sup> .....	(X)	9.8	(X)	7.5

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967 this includes estimates for companies that were not mailed report forms.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 2061.--RAW CANE SUGAR						
	Materials, containers, and supplies, total.....		(X)	228.9	(X)	243.4
011981	Sugarcane.....	1,000 short tons.	19,998.3	185.5	22,495.5	231.2
206101	Raw cane sugar (convert to 96° basis).....		(X)	( <sup>1</sup> )	(X)	( <sup>1</sup> )
970099	All other materials, parts, containers, and supplies consumed.....		(X)	135.3	(X)	122.2
976000	Materials, n.s.k. <sup>2</sup> .....		(X)	8.1	(X)	(X)
INDUSTRY 2062.--CANE SUGAR REFINING						
	Materials, containers, and supplies, total.....		(X)	1,049.3	(X)	1,022.2
011981	Sugarcane.....		887.6	9.0	(X)	( <sup>3</sup> )
206101	Raw cane sugar (convert to 96° basis).....	1,000 short tons.	6,839.5	982.4	6,200.3	960.2
260091	Paper and paperboard containers and shipping sacks.....	..do.....	(NA)	17.2	80.2	26.2
970099	All other materials, parts, containers, and supplies consumed...		(X)	37.5	(X)	35.8
976000	Materials, parts, containers, and supplies, n.s.k. <sup>1</sup> .....		(X)	3.2	(X)	(X)
INDUSTRY 2063.--BEET SUGAR						
	Materials, containers, and supplies, total.....		(X)	313.7	(X)	342.5
011971	Sugar beets.....	1,000 short tons.	19,305.9	262.4	21,104.3	294.3
260091	Paper and paperboard containers and shipping sacks.....	..do.....	12.8	5.1	22.4	7.3
970099	All other materials, parts, containers, and supplies consumed....		(X)	46.2	(X)	40.9
INDUSTRY 2071.--CONFECTIONERY PRODUCTS						
	Materials, containers, and supplies, total.....		(X)	938.0	(X)	765.7
206011	Sugar (cane and beet) in terms of sugar solids.....	1,000 cwt.....	12,961.1	128.1	12,718.2	129.3
207211	Chocolate coatings, including cocoa powder composition coatings.	..do.....	3,506.4	117.6	3,095.8	102.0
012283	Cocoa beans.....	..do.....	180.2	5.7	247.0	6.4
010012	Nuts in shells, including peanuts.....	Million lbs.....	236.5	46.9	255.0	45.4
207163	Nut meats, including peanuts (purchased as such).....	..do.....	518.7	154.1	364.1	109.8
265015	Paperboard containers and converted flexible packaging materials		(X)	125.7	(X)	115.2
970099	All other materials, containers, and supplies consumed.....		(X)	235.3	(X)	219.3
976000	Materials, containers, and supplies, n.s.k. <sup>2</sup> .....		(X)	124.6	(X)	38.1
INDUSTRY 2072.--CHOCOLATE AND COCOA PRODUCTS						
	Materials, containers, and supplies, total.....		(X)	325.1	(X)	298.0
206011	Sugar (cane and beet) in terms of sugar solid.....	1,000 cwt.....	5,595.3	54.9	5,131.8	52.8
012283	Cocoa beans.....	..do.....	5,393.7	132.2	5,782.3	133.0
207211	Chocolate coatings, including cocoa powder composition coatings.	..do.....	79.6	2.8	37.9	1.5
010012	Nuts in shells, including peanuts.....	Million lbs.....	27.7	12.1	2.0	0.6
207163	Nut meats, including peanuts (purchased as such).....	..do.....		30.2	14.1	14.1
265015	Paperboard containers and converted flexible packaging materials		(X)	26.1	(X)	26.0
970099	All other materials, containers, and supplies consumed.....		(X)	97.0	(X)	70.1
INDUSTRY 2073.--CHEWING GUM						
	Materials, containers, and supplies, total.....		(X)	110.8	(X)	86.3
206011	Sugar (cane and beet) in terms of sugar solids.....	1,000 cwt.....	1,754.8	17.4	1,450.9	14.3
265015	Paperboard containers and converted flexible packaging materials.		(X)	15.4	(X)	10.2
970099	All other materials, containers, and supplies consumed.....		(X)	78.0	(X)	61.7

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>In 1963 and 1967 data for material code 206101 are included with material code 970099 to avoid disclosing figures for individual companies.

<sup>2</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967 this includes estimates for companies that were not mailed report forms.

<sup>3</sup>In 1963 data for material code 011981 were included with "All other materials" code 970099.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 2082.--MALT LIQUORS						
	Materials, ingredients, containers and supplies, total.....		(X)	1,338.9	(X)	994.6
011311	Barley.....	Million bu.....	2.9	5.6	3.7	7.2
011322	Corn (purchased and grain).....	..do.....	19.9	39.5	20.2	35.3
206011	Sugar (cane and beet) in terms of sugar solids.....	1,000 cwt.....	373.6	2.5	274.4	2.2
208301	Malt.....	..do.....	31,036.8	183.9	27,513.5	157.8
970099	All other materials, containers, and supplies consumed.....		(X)	1,107.4	(X)	792.0
INDUSTRY 2083.--MALT						
	Materials, ingredients, containers and supplies, total.....		(X)	153.6	(X)	119.8
011311	Barley.....	Million bushels..	93.6	145.4	79.1	113.3
208301	Malt.....	1,000 cwt.....	490.9	2.7	509.4	2.7
970099	All other materials, containers and supplies consumed.....		(X)	5.5	(X)	3.8
INDUSTRY 2084.--WINES, BRANDY, AND BRANDY SPIRITS						
	Materials, ingredients, containers and supplies, total.....		(X)	225.3	(X)	217.6
012241	Grapes.....	1,000 s. tons....	1,522.2	71.0	1,700.6	69.8
208401	Wines purchased for blending.....	Mil. wine gals...	100.0	57.1	56.6	35.3
322102	Glass containers.....	Gross.....	3,117.4	32.8	(X)	(X)
970099	All other materials, containers and supplies consumed.....		(X)	51.0	(X)	112.4
976000	Materials, containers, and supplies, n.s.k. <sup>1</sup> .....		(X)	13.4	(X)	(X)
INDUSTRY 2085.--DISTILLED LIQUOR, EXCEPT BRANDY						
	Materials, ingredients, containers and supplies, total.....		(X)	565.6	(X)	406.8
	Materials used in distilling:					
011321	Corn.....	Million bu.....	33.1	48.2	32.1	42.2
011351	Rye.....	..do.....	5.6	8.7	5.9	9.5
208301	Malt.....	1,000 cwt.....	2,520.8	13.1	1,941.8	9.9
970001	All other materials, ingredients, containers and supplies used in distilling operations (cooperage, etc.).....		(X)	64.2	(X)	55.0
	Materials used in bottling:					
208511	Neutral spirits.....	Million tax gals.	233.7	85.5	134.7	50.0
208513	Aged whiskey.....	..do.....	87.9	140.5	67.4	106.4
322101	Glass containers.....	1,000 gross.....	12,385.1	113.6	10,457.2	85.4
970002	All other materials, ingredients, containers and supplies used in bottling operations (flavors, closures, etc.).....		(X)	68.1	(X)	44.8
976000	Materials, n.s.k. <sup>1</sup> .....		(X)	23.6	(X)	3.4
INDUSTRY 2086.--BOTTLED AND CANNED SOFT DRINKS						
	Materials, ingredients, containers and supplies, total.....		(X)	1,311.0	(X)	873.0
206011	Sugar (cane and beet) in terms of sugar solids.....	1,000 cwt.....	18,233.2	183.9	14,448.7	153.7
203348	Concentrated fruit juice products.....	Million gals.....	44.6	35.6	(X)	( <sup>2</sup> )
208731	Flavoring sirups.....	..do.....	180.4	279.3	161.2	261.0
208701	Other flavors, including beverage bases.....		(X)	104.7	(X)	58.5
970090	All other materials, ingredients, containers and supplies.....		(X)	595.1	(X)	265.3
976000	Materials, n.s.k. <sup>1</sup> .....		(X)	112.4	(X)	<sup>2</sup> 134.4
INDUSTRY 2087.--FLAVORING EXTRACTS AND SIRUPS, N.E.C.						
	Materials, ingredients, containers and supplies, total.....		(X)	366.5	(X)	305.6
206011	Sugar (cane and beet) in terms of sugar solids.....	1,000 cwt.....	16,003.2	149.8	13,078.3	125.5
203348	Concentrated fruit juice products.....	Million gal.....	3.3	9.0	(X)	(X)
208701	Other flavors, including beverage bases.....	..do.....	(X)	18.6	(X)	(X)
208731	Flavoring sirups.....	..do.....	10.0	12.9	(X)	(X)
970099	All other materials and components, parts, containers, and supplies.....		(X)	151.1	(X)	154.6
976000	Materials, n.s.k. <sup>1</sup> .....		(X)	25.1	(X)	25.5

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: -Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

<sup>2</sup>Included under code 976000.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 2091.--COTTONSEED OIL MILLS						
	Materials, ingredients, containers, and supplies, total.....		(X)	297.4	(X)	401.7
011211	Cottonseed.....	1,000 short tons.	2,970.1	223.1	5,516.7	323.6
011381	Soybeans.....	...do.....	289.9	25.8	287.4	23.9
010015	Other seeds, nuts, and beans (excluding cottonseed, soybean, copra, and flaxseed).....	...do.....	114.2	9.9	(NA)	(NA)
209111	Cottonseed oil:					
	Crude.....	Million lbs.....	107.1	14.1	190.8	18.7
	Once-refined.....	...do.....	(X)	( <sup>1</sup> )	(X)	(X)
970099	All other materials, ingredients, containers, and supplies consumed.....		(X)	20.2	(X)	<sup>1</sup> 30.4
976000	Materials, ingredients, containers, and supplies, n.s.k. <sup>2</sup> .....		(X)	4.3	(X)	4.6
INDUSTRY 2092.--SOYBEAN OIL MILLS						
	Materials, ingredients, containers, and supplies, total.....		(X)	1,725.8	(X)	1,232.7
011211	Cottonseed.....	1,000 short tons.	654.4	57.9	172.3	10.8
011381	Soybeans.....	...do.....	16,112.0	1,504.1	13,216.5	1,118.7
	Soybean oil:					
209211	Crude.....	...do.....	420.1	37.6	71.4	5.8
209212	Once-refined.....	...do.....	(X)	( <sup>1</sup> )	19.6	1.9
260091	Paper and paperboard containers.....		(X)	2.2	(X)	1.2
970099	All other materials, ingredients, containers, and supplies consumed.....		(X)	120.6	(X)	89.6
976000	Materials, ingredients, containers, and supplies, n.s.k. <sup>2</sup> .....		(X)	3.4	(X)	4.6
INDUSTRY 2093.--VEGETABLE OIL MILLS, N.E.C.						
	Materials, ingredients, containers, and supplies, total.....		(X)	154.7	(X)	158.5
011211	Cottonseed.....	1,000 short tons.	47.5	2.9	(X)	( <sup>1</sup> )
011381	Soybeans.....	...do.....	(NA)	( <sup>1</sup> )	(NA)	( <sup>1</sup> )
012287	Copra.....	...do.....	(NA)	( <sup>1</sup> )	211.8	35.0
011911	Flaxseed.....	...do.....	371.6	48.3	482.4	49.3
010015	Other seeds, nuts and beans (exclude cottonseed, soybean, copra).....	...do.....	325.2	29.9	( <sup>3</sup> )	( <sup>3</sup> )
970099	All other materials, ingredients, containers, and supplies consumed.....		(X)	72.0	(X)	71.7
976000	Materials, ingredients, containers, and supplies, n.s.k. <sup>2</sup> .....		(X)	1.6	(X)	2.5
INDUSTRY 2094.--ANIMAL AND MARINE FATS AND OILS (Not applicable to this report)						
INDUSTRY 2096.--SHORTENING AND COOKING OILS						
	Materials, ingredients, containers, and supplies, total.....		(X)	1,266.2	(X)	980.9
201104	Tallow and stearin, edible.....	Million lbs.....	547.1	49.3	384.3	32.6
	Cottonseed oil:					
209111	Crude.....	...do.....	775.4	98.9	1,590.6	179.5
209121	Once-refined.....	...do.....	218.3	30.4		
209615	Fully-refined.....	...do.....	310.8	43.3		
	Soybean oil:					
209211	Crude.....	...do.....	3,922.9	424.7	4,281.4	418.4
209212	Once-refined.....	...do.....	248.6	30.9		
209616	Fully-refined.....	...do.....	863.7	105.7		
	Other oil:					
209301	Crude (exclude cottonseed and soybean).....	...do.....	874.0	115.7	(X)	( <sup>3</sup> )
209303	Once-refined (exclude cottonseed and soybean).....	...do.....	136.3	19.6	(X)	( <sup>3</sup> )
209617	Fully-refined (exclude cottonseed and soybean).....	...do.....	196.6	30.0	(X)	( <sup>3</sup> )
201151	Lard.....	...do.....	645.4	57.9	662.2	57.1
322101	Glass containers.....	1,000 gross.....	3,550.0	32.1	2,040.6	17.5
340003	Metal containers, excluding drums.....		(X)	42.0	(X)	38.0
260091	Paper and paperboard containers.....		(X)	39.2	(X)	32.9
970099	All other materials, ingredients, containers, and supplies consumed.....		(X)	126.5	(X)	191.5
976000	Materials, ingredients, containers, and supplies, n.s.k. <sup>2</sup> .....		(X)	20.0	(X)	13.3

(NA) Not available. n.s.k. Not specified by kind. (X) Not applicable.

<sup>1</sup>Data are included with data for code 970099 "All other materials" to avoid disclosing figures for individual companies.<sup>2</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967 this includes estimates for companies that were not mailed report forms.<sup>3</sup>In 1963 separate data were not collected for these codes.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2095.--ROASTED COFFEE					
	Materials, containers, and supplies, total.....		(X)	1,277.4	(X)	1,177.8
012285	Green coffee.....	1,000 cwt.....	25,168.0	992.6	27,246.9	932.1
322101	Glass containers.....	1,000 gross.....	3,183.3	20.8	3,352.6	21.4
970099	All other materials, ingredients, containers and supplies consumed, including materials, n.s.k.....		(X)	223.8	(X)	224.3
976000	Materials, containers, and supplies, n.s.k. <sup>1</sup> .....		(X)	40.2	(X)	(X)
	INDUSTRY 2097.--MANUFACTURED ICE <sup>2</sup>					
	INDUSTRY 2098.--MACARONI AND SPAGHETTI					
	Materials, containers, and supplies, total.....		(X)	137.9	(X)	115.9
204115	Semolina and durum flour.....	1,000 cwt.....	9,699.5	72.9	9,881.6	63.2
204119	Farina and other wheat flour.....	do.....	822.9	5.5	990.7	6.3
970099	All other materials, ingredients, containers and supplies consumed, including materials, n.s.k.....		(X)	59.5	(X)	46.3
	INDUSTRY 2099.--FOOD PREPARATIONS, N.E.C.					
	Materials, containers, and supplies, total.....		(X)	1,174.7	(X)	838.5
012301	Fresh vegetables.....	1,000 short tons..	1,712.4	108.6	1,145.2	64.6
012203	Fresh fruits.....	do.....	(X)	4.5	(X)	3.2
011921	Peanuts, in shell.....	Million pounds....	(NA)	9.5	34.8	6.4
011923	Shelled peanuts.....	do.....	317.4	63.2	( <sup>3</sup> )	( <sup>3</sup> )
204602	Corn sirup.....	do.....	153.4	8.9	172.0	10.8
209006	Fats and oils, all types (purchased as such).....	do.....	496.4	80.6	379.4	52.7
204110	Wheat flour.....	1,000 cwt.....	1,500.9	8.8	1,735.2	9.1
206011	Sugar (cane and beet) in terms of sugar solids.....	do.....	5,488.5	53.8	5,304.9	52.4
012285	Green coffee.....	do.....	326.1	12.6	290.6	9.5
322101	Glass containers.....	1,000 gross.....	7,593.3	46.2	5,258.7	33.9
970099	All other materials, ingredients, containers, and supplies consumed.....		(X)	636.0	(X)	465.0
976000	Materials, n.s.k. <sup>1</sup> .....		(X)	142.0	(X)	130.8

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

<sup>2</sup>No material data were collected in either 1967 or 1963 for the manufactured ice industry.

<sup>3</sup>Included in product code 970099, all other materials.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	1967		1963	
		Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)
INDUSTRY 2111.--CIGARETTES					
	Materials, containers, and supplies, total.....	(X)	1,389.5	(X)	1,330.5
011410	Unstemmed leaf tobacco, including green tobacco not packed.....	96.3	89.1	{	{
214111	Unstemmed leaf tobacco, redried and packed.....				
214123	Stemmed leaf tobacco.....				
214124	Processed sheet tobacco and homogenized tobacco, finished weight basis.....				
214129	Other tobacco materials.....	(NA)	0.8	84.4	(NA)
282121	Cellophane (tubes, sheets, rolls).....	(X)	26.8	(X)	25.7
260012	Paper and paperboard products, including shipping containers, setup and folding cartons.....	(X)	83.0	(X)	83.2
970099	All other materials and components, parts, containers, and supplies consumed.....	(X)	212.2	(X)	179.3
INDUSTRY 2121.--CIGARS					
	Materials, containers, and supplies, total.....	(X)	158.3	(X)	163.0
011410	Unstemmed leaf tobacco, including green tobacco not packed.....	(NA)	3.3	6.2	10.6
214111	Unstemmed leaf tobacco, redried and packed.....	8.2	29.1	8.6	20.0
214123	Stemmed leaf tobacco.....	54.8	50.8	71.2	65.6
214124	Processed sheet tobacco and homogenized tobacco, finished weight basis.....	13.5	10.0	(X)	(X)
214129	Other tobacco materials.....	45.4	26.4	51.3	35.2
282121	Cellophane (tubes, sheets, rolls).....	(X)	4.7	(X)	5.8
260012	Paper and paperboard products, including shipping containers, setup and folding cartons.....	(X)	14.3	(X)	17.9
970099	All other materials and components, parts, containers, and supplies consumed.....	(X)	9.2	(X)	7.8
976000	Materials, n.s.k.....	(X)	10.5	(X)	(X)
INDUSTRY 2131.--CHEWING AND SMOKING TOBACCO					
	Materials, containers, and supplies, total.....	(X)	55.3	(X)	62.6
011410	Unstemmed leaf tobacco, including green tobacco not packed.....	6.4	2.2	6.3	2.0
214111	Unstemmed leaf tobacco, redried and packed.....	28.1	11.9	25.5	10.6
214123	Stemmed leaf tobacco.....	27.5	19.0	40.0	22.2
214124	Processed sheet tobacco and homogenized tobacco, finished weight basis.....	1.6	0.6	(NA)	(NA)
214129	Other tobacco materials.....	12.9	4.9	22.6	9.6
282121	Cellophane (tubes, sheets, rolls).....	(X)	0.8	(X)	0.9
260012	Paper and paperboard products, including shipping containers, setup and folding cartons.....	(X)	5.1	(X)	5.9
970099	All other materials and components, parts, containers, and supplies consumed.....	(X)	10.8	(X)	11.4
INDUSTRY 2141.--TOBACCO STEMMING AND REDRYING					
	Materials, containers, and supplies, total.....	(X)	1,060.7	(X)	1,090.0
011410	Unstemmed leaf tobacco, including green tobacco not packed.....	898.5	589.6	926.2	578.1
214111	Unstemmed leaf tobacco, redried and packed.....	178.3	96.1	324.5	179.8
214123	Stemmed leaf tobacco.....	336.9	310.5	324.2	311.6
214124	Processed sheet tobacco and homogenized tobacco, finished weight basis.....	122.0	30.0	11.4	5.0
214129	Other tobacco materials.....				
282121	Cellophane (tubes, sheets, rolls).....				
260012	Paper and paperboard products including shipping containers, setup and folding cartons.....				
970099	All other materials and components, parts, containers, and supplies consumed.....	(X)	15.5	{	{
976000	All other materials, parts, and supplies, n.s.k. <sup>1</sup> .....	(X)	18.3		

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Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963-Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 2211.--WEAVING MILLS, COTTON						
	Materials, containers, supplies, etc., total <sup>1</sup> .....		(X)	1,600.5	(X)	1,686.5
011201	Raw cotton.....	1,000 bales.....	6,231.4	788.5	6,149.4	1,080.5
282305	Rayon and acetate staple and tow.....	Million lbs.....	66.1	18.8	131.0	38.8
282421	All other manmade fiber staple and tow, except glass.....	..do.....	149.9	89.6	34.1	29.5
282301	Rayon and acetate filament yarn.....	..do.....	11.4	8.3	16.9	11.9
282402	All other manmade filament yarn, except glass.....	..do.....	23.2	27.6	20.0	27.2
010014	All other fibers (silk, jute, reused wool, waste, etc.).....	..do.....	48.0	8.4	61.8	13.2
228101	Purchased spun yarn, all fibers including transfers from other plants of the company.....	..do.....	179.3	106.5	171.3	114.5
220211	Purchased broadwoven fabrics (piece goods) including transfers from other plants of the company.....	Million lin. yds.	623.6	215.2	423.1	139.8
281531	Dyes, lakes, and toners.....		(X)	42.2	(X)	37.8
970099	All other materials, containers and supplies consumed.....		(X)	222.4	(X)	174.1
972000	Materials, containers, supplies, n.s.k. <sup>2</sup> .....		(X)	73.0	(X)	19.1
INDUSTRY 2221.--WEAVING MILLS, SYNTHETICS						
	Materials, containers, supplies, etc., total <sup>1</sup> .....		(X)	1,259.0	(X)	987.1
011201	Raw cotton.....	Thousand bales...	586.3	83.5	193.9	36.7
229701	Raw wool, mohair, and other animal fibers (scoured weight).....	Million pounds...	8.6	7.3	10.8	8.4
229704	Wool tops.....	..do.....	15.3	14.4	(NA)	10.8
282305	Rayon and acetate staple and tow.....	..do.....	248.9	84.8	230.8	69.6
282421	All other manmade fiber staple and tow, except glass.....	..do.....	260.6	158.1	113.9	109.5
282301	Rayon and acetate filament yarn.....	..do.....	253.4	193.5	238.8	189.7
282402	All other manmade filament yarn, except glass.....	..do.....	95.5	129.5	104.1	147.0
322935	Glass filament yarn and roving.....	..do.....	125.4	63.1	70.5	41.7
010014	All other fibers (silk, jute, reused wool, waste, etc.).....	..do.....	20.1	19.7	30.6	8.4
228101	Purchased spun yarn, all fibers, including transfers from other plants of the company.....	..do.....	268.3	188.0	228.4	205.1
220211	Purchased boradwoven fabrics (piece goods) including transfers from other plants of the company.....	Million lin. yds.	67.0	33.9	37.4	24.6
281531	Dyes, lakes, and toners.....		(X)	30.2	(X)	16.1
970099	All other materials, containers, and supplies consumed.....		(X)	127.7	(X)	98.0
972000	Materials, containers, and supplies, n.s.k. <sup>2</sup> .....		(X)	125.3	(X)	21.5
INDUSTRY 2231.--WEAVING AND FINISHING MILLS, WOOL						
	Materials, containers, supplies, etc., total <sup>1</sup> .....		(X)	608.9	(X)	580.4
229701	Raw wool, mohair, and other annimal fibers (scoured weight).....	Million pounds...	152.7	143.3	183.4	187.6
229704	Wool tops.....	..do.....	53.5	89.9	56.3	98.5
282105	Rayon and acetate staple and tow.....	..do.....	21.1	12.5	1.7	0.7
282421	All other manmade fiber staple and tow, except glass.....	..do.....	25.5	10.3	11.8	11.4
010014	All other fibers (silk, jute, reused wool, waste, etc.).....	..do.....			42.6	16.5
228101	Purchased spun yarn, all fibers, including transfers from other plants of the company.....	..do.....	49.7	66.6	44.4	89.2
220211	Purchased broadwoven fabrics (piece goods) including transfers from other plants of the company.....	Million lin. yds.	61.3	121.1	58.8	109.4
281531	Dyes, lakes, and toners.....		(X)	24.7	(X)	21.1
970099	All other materials, containers, and supplies consumed.....		(X)	36.6	(X)	34.7
976000	Materials, containers, and supplies, n.s.k. <sup>2</sup> .....		(X)	103.9	(X)	11.2
INDUSTRY 2241.--NARROW FABRIC MILLS						
	Materials consumed, total <sup>3</sup> .....	Million pounds...	160.1	142.2	132.0	115.2
228102	Cotton yarns.....	..do.....	79.7	64.1	68.6	54.7
282301	Filament rayon and acetate yarns.....	..do.....	28.4	23.6	26.9	20.7
282411	Filament nylon yarns.....	..do.....	32.9	34.8	16.8	20.0
322933	Filament glass yarns.....	..do.....	3.2	1.9	2.3	1.3
306986	Bare rubber thread.....	..do.....	9.0	9.9	8.0	9.2
282423	Bare spandex thread.....	..do.....	0.3	1.2	0.2	1.1
224151	Covered rubber thread.....	..do.....	0.9	0.5	0.9	1.0
228132	Spun rayon yarns.....	..do.....	0.9	0.7	0.9	0.7
228144	Saran and olefin yarns.....	..do.....	2.3	1.9	2.8	2.3
228010	Other yarns.....	..do.....	2.5	3.6	4.5	4.1

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Yarn consumption data for cotton and synthetic weaving mills are collected and published quarterly in Current Industrial Reports Series MQ-22T.1 and MQ-22T.2.

<sup>2</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

<sup>3</sup>Yarn consumption data for narrow fabric mills are collected and published annually in Current Industrial Reports Series MA-22G, Narrow Fabrics. The information shown in this table is from that report. The figures represent yarns consumed for all plants shipping product class 22411, Woven narrow fabrics, and product class 22414, Braided narrow fabrics as shown in table 6A.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963-Continued

(See Appendix, Explanation of Terms)

Code	Material	1967		1963	
		Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)
INDUSTRY 2251.--WOMEN'S HOSIERY, EXCEPT SOCKS					
	Materials, containers, and supplies, total.....	(X)	357.5	(X)	279.8
225011	Hosiery in the greige.....	(X)	119.8	(X)	110.4
228102	Cotton yarns.....	(2)	(2)	7.8	6.8
228141	Nylon spun yarns.....	<sup>e</sup> (NA)	11.1	0.8	2.1
228411	Nylon filament yarns.....	<sup>e</sup> 40.3	114.1	36.9	106.1
228145	Acrylic yarns.....	<sup>e</sup> 1.5	2.7	1.4	1.8
228011	All other yarns.....	<sup>3</sup> 1.9	5.3	0.5	1.3
970099	All other materials, containers, and supplies (including cotton yarns).....	(X)	59.8	(X)	40.1
976000	Materials and supplies, n.s.k. <sup>1</sup> .....	(X)	44.7	(X)	11.2
INDUSTRY 2252.--HOSIERY N.E.C.					
	Materials, containers, and supplies, total.....	(X)	270.9	(X)	226.2
225011	Hosiery in the greige.....	(X)	69.6	(X)	37.8
228102	Cotton yarns.....	<sup>4</sup> 56.4	40.3	82.3	68.0
228141	Nylon spun yarns.....	<sup>e</sup> 5.4	10.4	3.2	7.2
228411	Nylon filament yarns.....	<sup>e</sup> 15.9	30.6	13.5	30.0
228145	Acrylic yarns.....	<sup>4</sup> 13.9	23.8	7.9	13.4
228011	All other yarns.....	<sup>4</sup> 10.0	20.3	9.6	16.5
970099	All other materials, containers, and supplies.....	(X)	50.0	(X)	37.3
976000	Materials and supplies, n.s.k. <sup>1</sup> .....	(X)	25.9	(X)	16.1
INDUSTRY 2253.--KNIT OUTERWEAR MILLS					
	Material, containers, and supplies, total.....	(X)	495.0	(X)	441.0
225601	Knitted fabrics, purchased (cotton, wool, manmade fibers, etc.) <sup>5</sup> .....	<sup>4</sup> 15.9	21.5	<sup>r</sup> 3.2	<sup>r</sup> 3.4
228110	Carded cotton yarns.....	53.6	32.3	<sup>r</sup> 51.1	<sup>r</sup> 34.6
228120	Combed cotton yarns.....	19.9	20.3	<sup>r</sup> 24.5	<sup>r</sup> 22.2
228130	Rayon and acetate spun yarns.....	<sup>3</sup> 17.0	11.2	(Z)	(Z)
228141	Nylon spun yarns.....	<sup>e</sup> 8.6	19.0	7.3	14.5
228145	Acrylic yarns.....	44.9	86.8	39.4	78.2
228301	Wool yarns.....	29.7	75.7	36.6	88.9
228013	All other yarns.....	15.0	33.0	9.2	19.4
228301	Rayon and acetate filament yarns.....	(NA)	4.1	0.6	0.5
228411	Nylon filament yarns.....	8.9	18.8	6.6	15.6
970099	All other materials, containers, and supplies.....	(X)	85.5	(X)	88.2
976000	Materials, containers, and supplies, n.s.k. <sup>1</sup> .....	(X)	86.8	(X)	75.1
INDUSTRY 2254.--KNIT UNDERWEAR MILLS					
	Materials, containers, and supplies, total.....	(X)	193.9	(X)	163.6
225601	Knitted fabrics, purchased (cotton, wool, manmade fibers, etc.) <sup>5</sup> .....	<sup>4</sup> 30.3	19.6	16.5	8.3
228110	Carded cotton yarns.....	61.2	37.5	55.7	37.0
228120	Combed cotton yarns.....	75.9	63.4	59.9	49.4
228130	Rayon and acetate spun yarns.....	(NA)	(6)	(7)	(7)
228141	Nylon spun yarns.....	(8)	(8)	(8)	(8)
228145	Acrylic yarns.....	(NA)	(6)	0.6	1.2
228301	Wool yarns.....	(NA)	(6)	(Z)	(Z)
228013	All other yarns.....	7.8	9.8	2.1	2.8
228301	Rayon and acetate filament yarns.....	(NA)	(6)	<sup>7</sup> 4.4	<sup>7</sup> 4.1
228411	Nylon filament yarns.....	<sup>8</sup> 4.5	<sup>8</sup> 9.6	<sup>8</sup> 2.9	<sup>8</sup> 6.9
970099	All other materials, parts, containers, and supplies.....	(X)	<sup>6</sup> 45.3	(X)	39.0
976000	Materials, containers, and supplies, n.s.k. <sup>1</sup> .....	(X)	8.4	(X)	14.4
INDUSTRY 2256.--KNIT FABRIC MILLS					
	Materials, containers, and supplies, total.....	(X)	801.2	(X)	507.5
225601	Knitted fabrics, purchased (cotton, wool, manmade fibers, etc.) <sup>5</sup> .....	<sup>1</sup> 10.8	76.9	26.2	25.3
228110	Carded cotton yarns.....	<sup>e</sup> 85.7	56.7	85.5	55.2
228120	Combed cotton yarns.....	<sup>e</sup> 67.2	60.2	72.4	61.6
228130	Rayon and acetate spun yarns.....	<sup>e</sup> 13.1	17.1	8.7	8.5
228141	Nylon spun yarns.....	<sup>e</sup> 8.8	15.0	6.9	12.1
228145	Acrylic yarns.....	<sup>e</sup> 37.0	54.1	19.6	25.6
228301	Wool yarns.....	<sup>e</sup> 14.9	25.5	13.1	27.7
228013	All other yarns.....	<sup>e</sup> 30.0	51.9	36.1	47.6
228301	Rayon and acetate filament yarns.....	142.8	119.3	84.1	61.1
228411	Nylon filament yarns.....	90.3	150.0	56.1	110.9
970099	All other materials, containers, and supplies.....	(X)	92.4	(X)	58.0
976000	Materials, containers, and supplies, n.s.k. <sup>1</sup> .....	(X)	82.0	(X)	13.8

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	1967		1963	
		Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)
	INDUSTRY 2259.--KNITTING MILLS, N.E.C.				
	Materials, containers, and supplies, total.....	(X)	15.5	(X)	18.4
225601	Knitted fabrics (cotton, wool, manmade fibers, etc.) <sup>5</sup> .....	( <sup>10</sup> )	( <sup>10</sup> )	1.1	0.5
228110	Carded cotton yarns.....	8.0	4.6	7.8	4.3
228120	Combed cotton yarns.....	}	(10)	2.9	2.5
228130	Rayon and acetate spun yarns.....			( <sup>11</sup> )	( <sup>11</sup> )
228141	Nylon spun yarns.....			( <sup>12</sup> )	( <sup>12</sup> )
228145	Acrylic yarns.....			0.8	1.4
228301	Wool yarns.....			0.3	0.6
228013	All other yarns.....			0.8	0.9
282301	Rayon and acetate filament yarns.....			<sup>11</sup> 1.2	<sup>11</sup> 1.0
282411	Nylon filament yarns.....			<sup>12</sup> 0.2	<sup>12</sup> 0.4
970099	All other materials, containers, and supplies.....		7.6	(X)	2.9
976000	Materials, containers, and supplies, n.s.k. <sup>1</sup> .....	(X)	3.3	(X)	3.9

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: (X) Not applicable. (NA) Not available. (Z) Under \$50 thousand.

<sup>1</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

<sup>2</sup>10 to 30 percent of the quantity was estimated.

<sup>3</sup>Included with "All other materials, containers, and supplies."

<sup>4</sup>30 to 50 percent of the quantity was estimated.

<sup>5</sup>Over 50 percent of the quantity was estimated.

<sup>6</sup>Quantity data for this item represents million linear yards.

<sup>7</sup>For 1967, included with "All other materials, containers, and supplies."

<sup>8</sup>For 1963, included with "Rayon and acetate filament yarns" to avoid disclosing operations of individual companies.

<sup>9</sup>Included with "Nylon filament yarns" to avoid disclosing operations of individual companies.

<sup>10</sup>The quantity figures shown in this report differ from the data in Census quarterly series MQ-22K primarily because the information shown above in table 7A represent material consumed by plants classified in industry 2256, Knit Fabric Mills, whereas, figures noted in series MQ-22K are on a wherever made basis. (For example, the material consumed in the manufacture of knit cloth for sale by a knit underwear mill--SIC 2254 would be included in series MQ-22K as a material item and in the quinquennial census report would appear as material consumed by industry 2254. The product output of this plant relating to knit fabric shipments would appear in table 6A of industry report 2256.) These data differ also because of reporting differences by individual companies, and some misclassification of yarn. Consideration must also be given to the large n.s.k., material code 976000 (see footnote 1).

<sup>11</sup>For 1967, included with "All other materials, containers, and supplies."

<sup>12</sup>For 1963, included with "Rayon and acetate filament yarns" to avoid disclosing operations of individual companies.

<sup>13</sup>For 1963, included with "Nylon filament yarns" to avoid disclosing operations of individual companies.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2261.--FINISHING PLANTS, COTTON					
	Materials, containers, supplies, etc., total.....		(X)	530.8	(X)	494.6
220211	Purchased broadwoven fabrics (piece goods) including transfers from other plants of the company.....	Million lin. yds.	1,199.5	322.9	1,334.2	316.3
281531	Dyes, lakes, and toners.....		(X)	86.2	(X)	86.2
970099	All other materials, containers, and supplies, etc.....		(X)	89.9	(X)	69.0
976000	Materials, containers, supplies, n.s.k. <sup>1</sup> .....		(X)	31.8	(X)	23.2
			1967		1963	
	Material		Quantity (million lin. yds.)	Delivered cost (million dollars)	Quantity (million lin. yds.)	Delivered cost (million dollars)
	INDUSTRY 2262.--FINISHING PLANTS, SYNTHETICS					
	Materials, containers, supplies, etc., total.....		(X)	246.9	(X)	133.5
220211	Purchased broadwoven fabrics (piece goods) including transfers from other plants of the company.....		149.5	68.0	60.3	32.3
281531	Dyes, lakes, and toners.....		(X)	66.0	(X)	56.5
970099	All other materials, containers, supplies, etc.....		(X)	61.7	(X)	35.1
976000	Materials, containers, supplies, n.s.k. <sup>1</sup> .....		(X)	51.2	(X)	9.6
			1967		1963	
	Material	Unit of measure	Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2269.--FINISHING PLANTS, N.E.C.					
	MATERIALS, CONTAINERS, and SUPPLIES, TOTAL.....		(X)	148.5	(X)	126.6
228015	Purchased yarn, all fibers, including transfers from other plants of the company.....	Million lbs.....	102.1	90.6	95.5	82.5
281531	Dyes, lakes, and toners.....		(X)	20.6	(X)	11.2
970099	All other materials, containers, and supplies consumed.....		(X)	22.0	(X)	21.9
976000	Materials, containers, supplies, n.s.k. <sup>1</sup> .....		(X)	15.3	(X)	11.1

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available.

<sup>1</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Material code	Type of yarn or fabric	Unit of measure	Woven carpets and carpeting	Knitted carpets and carpeting	Tufted carpets and rugs			
					Total	Bathmats and throw rugs (4' x6' and smaller	Roll goods and rugs (larger than 4' x6')	Automobile and aircraft carpeting
			1967					
	Yarn and fabric, total.....	1,000 lbs....	127,512	9,961	(NA)	(NA)	(NA)	(NA)
	Face yarns, total.....	...do.....	83,673	6,448	598,418	75,525	471,822	51,071
0228102	Cotton.....	...do.....	(D)	-	21,783	17,612	(D)	(D)
0228130	Rayon and/or acetate.....	...do.....	2,046	-	93,185	35,897	15,005	42,283
0228321	Wool and chiefly wool.....	...do.....	49,160	(D)	32,965	101	32,864	-
	Nylon:							
0282411	Filament.....	...do.....	7,384	(D)	194,048	(D)	192,982	(D)
0228140	Spun.....	...do.....	1,840	(D)	69,921	11,590	50,646	7,685
0228145	Acrylic and modacrylic.....	...do.....	21,324	4,980	127,106	3,094	124,012	-
0282428	Polyester.....	...do.....	(X)	(X)	28,342	5,145	23,197	-
0282422	Polypropylene.....	...do.....	(X)	(X)	29,870	(D)	28,925	(D)
0220903	Other yarns.....	...do.....	(D)	(D)	1,198	(D)	(D)	-
	Yarns and fabric for backing:							
	Primary backing.....	1,000 sq. yds.	<sup>1</sup> 43,839	<sup>1</sup> 3,513	(NA)	(NA)	(NA)	(NA)
0220103	Cotton.....	...do.....	<sup>1</sup> 16,228	(D)	<sup>1</sup> 46,320	33,309	13,011	-
0229923	Jute.....	...do.....	<sup>1</sup> 19,282	(D)	344,789	-	303,486	41,493
0229903	Paper.....	...do.....	<sup>1</sup> 6,304	(D)	-	(D)	24,848	(D)
0220015	Other backing.....	...do.....	<sup>1</sup> 2,025	(D)	29,124	(D)	-	(D)
0220023	Secondary backing.....	...do.....	(X)	(X)	221,934	-	(D)	(D)
			1963					
	Yarn and fabric, total.....	1,000 lbs....	158,979	19,723	596,824	88,684	418,541	89,599
	Face yarns, total.....	...do.....	92,859	11,279	359,905	60,414	251,445	48,046
0228102	Cotton.....	...do.....	(D)	-	35,849	26,002	9,847	-
0228130	Rayon and/or acetate.....	...do.....	(D)	(D)	97,298	27,848	24,848	45,253
0228321	Wool and chiefly wool.....	...do.....	79,965	5,317	67,126	233	66,893	-
0282411	Nylon, filament.....	...do.....	4,279	(D)	95,093	1,109	(D)	(D)
0228140	Nylon, spun.....	...do.....	3,793	-	32,766	4,334	(D)	(D)
0228145	Acrylic and modacrylic.....	...do.....	2,397	5,608	26,448	1,524	24,924	-
0220903	Polypropylene and other yarns.....	...do.....	(D)	-	5,325	15	5,310	-
	Yarns and fabric for backing, total....	...do.....	66,120	8,444	236,919	28,270	167,096	41,553
	Tufting backing.....	...do.....	(X)	(X)	197,427	28,270	(D)	(D)
0220103	Cotton.....	...do.....	18,353	3,047	29,502	24,917	4,585	-
0229923	Jute.....	...do.....	31,750	4,134	167,700	(D)	(D)	(D)
0229903	Paper.....	...do.....	14,395	789	-	-	-	-
0220015	Other backing.....	...do.....	1,622	474	225	(D)	(D)	(D)
0220023	Secondary backing.....	...do.....	(X)	(X)	39,492	-	(D)	(D)

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

The selected materials consumed data in these tables represent information reported by all manufacturers of rugs, carpets, and carpeting regardless of the industry classification of the establishments. Consequently, these data are not comparable with the "Cost of Materials" figures shown in the other tables of this report, which represent cost of all materials consumed by establishments classified in the specified industries.

Source: Current Industrial Reports Series M22Q, Rugs, Carpets, and Carpeting released on March 13, 1970 and July 30, 1965.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. <sup>1</sup>Figures are in thousands of pounds.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 2281.--YARN MILLS, EXCEPT WOOL						
	Materials, containers, and supplies, total.....	.....	(X)	832.4	(X)	679.6
011201	Raw cotton.....	1,000 bales....	2,050.9	290.6	1,899.2	347.1
229701	Raw wool, mohair, and other animal fiber (scoured weight).....	Million pounds..	28.8	19.4	3.6	4.4
229704	Wool tops.....	...do.....	12.5	16.8	4.5	7.5
282305	Rayon and acetate staple and tow.....	...do.....	287.2	83.6	234.9	69.4
282421	All other manmade fiber staple and tow, except glass.....	...do.....	410.8	291.7	151.5	140.6
010014	All other fibers (silk, jute, reused wool, waste, etc.).....	...do.....	52.5	10.7	95.5	20.3
282402	All other manmade filament yarn, except glass.....	...do.....	5.0	6.9	13.0	12.8
228101	Purchased spun yarn, all fibers, including transfers from other plants of the company.....	...do.....	24.9	14.1	13.7	9.7
281531	Dyes, lakes, and toners.....	.....	(X)	7.1	(X)	3.8
970099	All other materials, containers, and supplies consumed.....	.....	(X)	64.7	(X)	49.7
976000	Materials, containers, and supplies, n.s.k. <sup>1</sup> .....	.....	(X)	26.8	(X)	14.4
INDUSTRY 2282.--THROWING AND WINDING MILLS						
	Materials, containers, and supplies, total.....	.....	(X)	349.4	(X)	204.5
282301	Rayon and acetate filament yarn.....	Million pounds...	42.4	51.8	6.6	5.8
282402	All other manmade filament yarn, except glass.....	...do.....	175.8	232.2	99.3	145.2
228101	Purchased spun yarn, all fibers, including transfers from other plants of the company.....	...do.....	15.5	12.9	21.3	30.7
281531	Dyes, lakes, and toners.....	.....	(X)	1.6	(X)	0.6
970099	All other materials, containers, and supplies consumed.....	.....	(X)	28.3	(X)	22.2
976000	Materials, containers, and supplies, n.s.k. <sup>1</sup> .....	.....	(X)	22.6		
INDUSTRY 2283.--WOOL YARN MILLS						
	Materials, containers, and supplies, total.....	.....	(X)	229.9	(X)	290.5
229701	Raw wool, mohair, and other animal fiber (scoured weight).....	Million pounds...	79.6	60.1	118.9	103.1
229704	Wool tops.....	...do.....	58.6	87.6	75.4	116.9
282305	Rayon and acetate staple and tow.....	...do.....	(X)	( <sup>1</sup> )	12.0	3.4
282421	All other manmade fiber staple and tow, except glass.....	...do.....	39.5	35.4	27.7	23.9
282402	All other manmade filament yarn, except glass.....	...do.....	(X)	( <sup>1</sup> )	1.8	2.7
010014	All other fibers (silk, jute, reused wool, waste, etc.).....	...do.....	8.1	3.3	23.7	11.8
228101	Purchased spun yarn, all fibers, including transfers from other plants of the company.....	...do.....	(NA)	9.8	1.5	2.8
281531	Dyes, lakes, and toners.....	.....	(X)	3.5	(X)	3.9
970099	All other materials, containers, and supplies consumed.....	.....	(X)	<sup>2</sup> 20.5	(X)	16.8
976000	Materials, containers, and supplies, n.s.k. <sup>2</sup> .....	.....	(X)	9.7	(X)	5.2
INDUSTRY 2284.--THREAD MILLS						
	Materials, containers, and supplies, total.....	.....	(X)	151.7	(X)	112.4
011201	Raw cotton.....	1,000 bales....	82.0	18.3	74.7	18.9
282402	All other manmade filament yarn, except glass.....	Million lbs....	8.2	12.7	5.2	8.6
228101	Purchased spun yarn, all fibers, including transfers from other plants of the company.....	...do.....	78.6	87.6	62.2	62.6
281531	Dyes, lakes, and toners.....	.....	(X)	7.5	(X)	4.1
970099	All other materials, containers, and supplies consumed.....	.....	(X)	23.4	(X)	14.3
976000	Materials, containers, and supplies, n.s.k. <sup>2</sup> .....	.....	(X)	2.2	(X)	3.9

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

<sup>2</sup>Included in code 970099.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	1967		1963			
		Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)		
INDUSTRY 2291.--FELT GOODS, N.E.C.							
	Materials, containers, and supplies, total.....	(X)	60.2	(X)	65.0		
229701	Raw wool, mohair and other animal fibers.....	24.9	7.0	31.9	7.5		
999823	Wool noils and waste.....	7.5	5.8	10.1	5.1		
999807	Other fibers (synthetic staple, tow, waste, etc.).....	54.7	11.1	95.8	10.1		
970099	All other materials, containers, and supplies consumed.....	(X)	25.9	(X)	25.7		
976000	Materials, containers, supplies, n.s.k. <sup>1</sup> .....	(X)	10.4	(X)	16.7		
INDUSTRY 2292.--LACE GOODS							
	Materials, containers, and supplies, total.....	(X)	23.2	(X)	19.6		
228102	Cotton yarns.....	(NA)	2.8	3.8	3.9		
282011	Manmade fiber yarn (rayon, acetate, nylon, etc.).....	<sup>2</sup> 6.6	10.9	5.0	8.5		
970099	All other materials, containers, and supplies consumed.....	(X)	2.6	(X)	4.4		
976000	Materials, containers, supplies, n.s.k. <sup>1</sup> .....	(X)	6.9	(X)	2.8		
INDUSTRY 2293.--PADDING AND UPHOLSTERY FILLING							
	Materials, containers, and supplies, total.....	(X)	78.9	(X)	80.7		
999806	Cotton waste.....	176.2	11.2	186.3	14.8		
209131	Cotton linters.....	146.8	15.7	194.5	14.8		
999807	Other fibers (synthetic staple, tow, waste, etc.).....	73.9	11.0	117.2	15.0		
970099	All other materials, containers, and supplies consumed.....	(X)	25.8	(X)	20.0		
976000	Materials, containers, and supplies, n.s.k. <sup>1</sup> .....	(X)	15.2	(X)	16.0		
INDUSTRY 2294.--PROCESSED TEXTILE WASTE							
	Materials, containers, and supplies, total.....	(X)	49.0	(X)	52.6		
999806	Cotton waste.....	43.0	2.7	58.9	5.1		
999823	Wool noils and waste.....	5.8	1.9	9.5	3.2		
999807	Other fibers (synthetic staple, tow, waste, etc.).....	55.3	17.4	(NA)	26.4		
999825	New and used rags, clips, etc.....	39.8	9.7	77.6	10.7		
970099	All other materials, containers, and supplies consumed.....	(X)	10.8	(X)	3.3		
976000	Materials, containers, supplies, n.s.k. <sup>1</sup> .....	(X)	6.5	(X)	4.0		
Material		Unit of measure		1967		1963	
				Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 2295.--COATED FABRICS, NOT RUBBERIZED							
	Materials, containers, and supplies, total.....			(X)	352.3	(X)	245.6
282137	Vinyl and vinyl copolymer resins, all forms.....	Million lbs.....	212.1	46.9	140.2	27.4	
220234	Cotton fabrics.....	Million lin. yds.	326.1	115.4	272.3	90.8	
220241	Manmade fiber fabrics, including glass.....	...do.....	84.8	43.0	28.5	19.1	
970099	All other materials, containers, and supplies consumed.....		(X)	114.9	(X)	80.3	
976000	Materials, containers, supplies, n.s.k. <sup>1</sup> .....		(X)	32.1	(X)	28.0	
INDUSTRY 2296.--TIRE CORD AND FABRIC							
	Materials, containers, and supplies, total.....		(X)	348.9	(X)	298.6	
011201	Raw cotton.....	1,000 bales.....	106.9	13.3	104.4	18.1	
282301	Rayon and acetate filament yarn.....	Million lbs.....	109.6	48.3	161.2	77.8	
282402	All other manmade filament yarn, except glass.....	...do.....	312.4	256.1	174.9	162.0	
970099	All other materials, containers, and supplies consumed <sup>1</sup> .....		(X)	31.2	(X)	40.7	
Material		1967		1963			
		Quantity million pounds)	Delivered cost (million dollars)	Quantity million pounds)	Delivered cost (million dollars)		
INDUSTRY 2298.--CORDAGE AND TWINE							
	Materials, containers, and supplies, total.....	(X)	86.9	(X)	82.8		
228102	Cotton yarns.....	24.5	8.5	18.5	7.7		
282011	Manmade fiber yarn (rayon, acetate, nylon, etc.).....	43.3	28.4	19.7	16.4		
970099	All other materials, containers, and supplies consumed.....	(X)	43.2	(X)	51.3		
976000	Materials, containers, supplies, n.s.k. <sup>1</sup> .....	(X)	6.8	(X)	7.4		

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Standard notes: -Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

<sup>2</sup>From 10 to 30 percent of this figure was imputed.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	1967		1963	
		Quantity (million lin. yds.)	Delivered cost (million dollars)	Quantity (million lin. yds.)	Delivered cost (million dollars)
INDUSTRY 2311.--MEN'S AND BOYS' SUITS AND COATS					
	Materials, containers, and supplies, total.....	(X)	564.3	(X)	482.3
	Broadwoven fabrics, total.....	<sup>e</sup> 258.9	389.5	258.2	403.5
220124	Suiting and coating piece goods, excluding linings.....	<sup>e</sup> 112.2	301.3	127.9	333.6
220125	All other piece goods, including linings.....	146.7	88.2	130.4	70.0
225601	Knitted fabrics (cotton, wool, manmade fibers, etc.).....	<sup>2</sup> 3.3	3.8	1.9	2.9
970099	All other materials, containers, and supplies.....	(X)	50.9	(X)	43.1
976000	Materials, containers, and supplies, n.s.k. <sup>1</sup> .....	(X)	120.4	(X)	32.7
INDUSTRY 2321.--MEN'S AND BOYS' SHIRTS AND NIGHTWEAR					
	Materials, containers, and supplies, total.....	(X)	523.7	(X)	510.5
	Broadwoven fabrics, total.....	<sup>e</sup> 685.8	345.2	853.3	391.2
220124	Suiting and coating piece goods, excluding linings.....	} <sup>e</sup> 685.8	345.2	23.8	21.4
220125	All other piece goods, including linings.....			829.5	369.8
225601	Knitted fabrics (cotton, wool, manmade fibers, etc.).....	<sup>e</sup> 100.4	73.7	75.1	47.0
970099	All other materials, containers, and supplies.....	(X)	46.5	(X)	48.7
976000	Materials, containers, and supplies, n.s.k. <sup>1</sup> .....	(X)	58.3	(X)	23.6
INDUSTRY 2322.--MEN'S AND BOYS' UNDERWEAR					
	Materials, containers, and supplies, total.....	(X)	97.4	(X)	69.8
	Broadwoven fabrics, total.....	71.6	23.9	69.5	21.1
220124	Suiting and coating piece goods, excluding linings.....	-	-	0.5	0.7
220125	All other piece goods, including linings.....	71.6	23.9	68.9	20.4
225601	Knitted fabrics (cotton, wool, manmade fibers, etc.).....	<sup>3</sup> 109.0	58.5	76.1	34.8
970099	All other materials, containers, and supplies.....	(X)	13.9	(X)	12.4
976000	Materials, containers, and supplies, n.s.k. <sup>1</sup> .....	(X)	1.1	(X)	1.4
INDUSTRY 2323.--MEN'S AND BOYS' NECKWEAR					
	Materials, containers, and supplies, total.....	(X)	64.6	(X)	52.0
220126	Broadwoven fabrics (piece goods), including linings.....	<sup>3</sup> 25.2	39.8	<sup>r</sup> 19.6	30.3
225601	Knitted fabrics (cotton, wool, manmade fibers, etc.).....	(NA)	( <sup>1</sup> )	0.8	0.7
970099	All other materials, containers, and supplies.....	(X)	6.0	(X)	4.7
976000	Materials, containers, and supplies, n.s.k. <sup>1</sup> .....	(X)	18.8	(X)	16.2
INDUSTRY 2327.--MEN'S AND BOYS' SEPARATE TROUSERS					
	Materials, containers, and supplies, total.....	(X)	426.9	(X)	325.9
	Broadwoven fabrics, total.....	<sup>2</sup> 342.8	299.0	321.5	265.9
220124	Suiting and coating piece goods, excluding linings.....	72.2	90.2	53.0	65.1
220125	All other piece goods, including linings.....	<sup>2</sup> 270.6	208.8	268.5	200.8
225601	Knitted fabrics (cotton, wool, manmade fibers, etc.).....	<sup>e</sup> 2.6	2.5	1.0	0.9
970099	All other materials, containers, and supplies, consumed.....	(X)	47.7	(X)	34.5
973000	Materials, containers, and supplies, n.s.k. <sup>1</sup> .....	(X)	77.7	(X)	24.6
INDUSTRY 2328.--MEN'S AND BOYS' WORK CLOTHING					
	Materials, containers, and supplies, total.....	(X)	540.7	(X)	397.1
	Broadwoven fabrics, total.....	681.2	404.5	577.4	325.4
220124	Suiting and coating piece goods, excluding linings.....	} 681.2	404.5	52.5	34.5
220125	All other piece goods, including linings.....			524.9	290.9
225601	Knitted fabrics (cotton, wool, manmade fibers, etc.).....	} 7.5	5.6	} (X)	59.5
970099	All other materials, containers, and supplies.....		67.5		
976000	Materials, containers, and supplies, n.s.k. <sup>1</sup> .....		63.1		

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	1967		1963	
		Quantity (million lin. yds.)	Delivered cost (million dollars)	Quantity (million lin. yds.)	Delivered cost (million dollars)
	INDUSTRY 2329.--MEN'S AND BOYS' CLOTHING, N.E.C.				
	Materials, containers, and supplies, total.....	(X)	266.5	(X)	178.4
	Broadwoven fabrics, total.....	185.8	154.9	137.1	122.0
220124	Suiting and coating piece goods, excluding linings.....	<sup>e</sup> 58.6	65.6	50.2	58.3
220125	All other piece goods, including linings.....	<sup>e</sup> 127.2	89.3	86.9	63.7
225601	Knitted fabrics (cotton, wool, manmade fibers, etc.).....	<sup>3</sup> 21.9	23.9	29.1	15.9
970099	All other materials, containers, and supplies.....	(X)	34.9	(X)	24.0
976000	Materials, containers, and supplies, n.s.k. <sup>1</sup> .....	(X)	52.8	(X)	16.6

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. <sup>e</sup>From 10 to 30 percent of this figure was estimated.

<sup>1</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

<sup>2</sup>From 30 to 50 percent of this figures was estimated.

<sup>3</sup>Over 50 percent of this figure was estimated.

<sup>4</sup>Combined with "All other materials, containers, and supplies" to avoid disclosing the operations of individual companies.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See appendix, "Explanation of Terms")

Code	Material	1967		1963	
		Quantity (million lin. yds.)	Delivered cost (million dollars)	Quantity (million lin. yds.)	Delivered cost (million dollars)
	INDUSTRY 2331. WOMEN'S AND MISSES' BLOUSES AND WAISTS				
	Materials, containers, and supplies, total.....	(X)	239.0	(X)	204.8
	Broadwoven fabrics.....	148.3	97.4	204.3	124.3
220124	Suiting and coating piece goods, excluding linings.....	2148.3	97.4	11.3	9.6
220125	All other piece goods, including linings.....			193.0	114.6
225601	Knitted fabrics (cotton, wool, manmade fibers, etc.).....	342.1	45.5	35.6	30.1
970099	All other materials, containers, and supplies.....	(X)	19.0	(X)	15.5
976000	Materials, containers, and supplies, n.s.k. <sup>1</sup> .....	(X)	77.1	(X)	35.0
	INDUSTRY 2335.--WOMEN'S AND MISSES' DRESSES				
	Materials, containers, and supplies, total.....	(X)	991.4	(X)	801.4
	Broadwoven fabrics:				
220124	Suiting and coating piece goods, excluding linings.....	2498.3	396.8	35.2	37.3
220125	All other piece goods, including linings.....			630.1	426.8
225601	Knitted fabrics (cotton, wool, manmade fiber fabrics, etc.).....	e110.9	151.8	106.7	103.2
970099	All other materials, containers, and supplies.....	(X)	64.1	(X)	47.8
976000	Materials, containers, and supplies, n.s.k. <sup>1</sup> .....	(X)	378.7	(X)	186.4
	INDUSTRY 2337.--WOMEN'S AND MISSES' SUITS AND COATS				
	Materials, containers, and supplies, total.....	(X)	678.6	(X)	634.5
	Broadwoven fabrics:				
220124	Suiting and coating piece goods, excluding linings.....	75.0	206.7	87.0	223.3
220125	All other piece goods, including linings.....	157.5	127.1	293.3	187.2
225601	Knitted fabrics (Cotton, wool, manmade fibers, etc.).....	29.8	36.8	29.7	34.2
970099	All other materials, containers, and supplies.....	(X)	56.1	(X)	62.7
976000	Materials, supplies, and containers, n.s.k. <sup>1</sup> .....	(X)	251.9	(X)	127.1
	INDUSTRY 2339.--WOMEN'S AND MISSES' OUTERWEAR, N.E.C.				
	Materials, containers, and supplies, total.....	(X)	367.9	(X)	310.2
	Broadwoven fabrics:				
220124	Suiting and coating piece goods, excluding linings.....	e201.5	159.0	7.4	11.6
220125	All other piece goods, including linings.....			261.6	162.8
225601	Knitted fabrics (cotton, wool, manmade fibers, etc.).....	361.8	84.1	52.6	45.9
970099	All other materials, containers and supplies.....	(X)	28.5	(X)	19.7
976000	Materials, supplies and containers, n.s.k. <sup>1</sup> .....	(X)	96.3	(X)	70.2

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

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<sup>1</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

<sup>2</sup>From 30 to 50 percent of this figure was estimated.

<sup>3</sup>Over 50 percent of this figure was estimated.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	1967		1963	
		Quantity (million lin. yds.)	Delivered cost (million dollars)	Quantity (million lin. yds.)	Delivered cost (million dollars)
INDUSTRY 2341.--WOMEN'S AND CHILDREN'S UNDERWEAR					
	Materials, containers, and supplies, total.....	(X)	469.8	(X)	441.4
	Broadwoven fabrics, total.....	323.8	131.5	358.5	133.8
220124	Suiting and coating piece goods, excluding linings.....	1323.8	131.5	358.5	133.8
220125	All other piece goods, including linings.....				
225601	Knitted fabrics (cotton, wool, manmade fibers, etc.).....	1335.3	165.3	354.4	160.4
970099	All other materials, containers, supplies, components, etc.....	(X)	73.0	(X)	56.6
976000	Material, containers, and supplies, n.s.k. <sup>2</sup> .....	(X)	100.0	(X)	90.6
INDUSTRY 2342.--CORSETS AND ALLIED GARMENTS					
	Materials, containers, and supplies, total.....	(X)	237.0	(X)	218.3
220126	Broadwoven fabrics (piece goods), including linings.....	1113.4	108.0	142.9	106.6
225601	Knitted fabrics (cotton, wool, manmade fibers, etc.).....	240.1	37.6	33.5	33.6
970099	All other materials, containers, supplies, components, etc.....	(X)	40.2	(X)	49.1
976000	Materials, containers, and supplies, n.s.k. <sup>2</sup> .....	(X)	51.2	(X)	29.0
INDUSTRY 2361.--CHILDREN'S DRESSES AND BLOUSES					
	Materials, containers, and supplies, total.....	(X)	163.4	(X)	156.0
	Broadwoven fabrics, total.....	117.5	71.2	184.3	90.3
220124	Suiting and coating piece goods, excluding linings.....	6.2	4.7	3.4	2.6
220125	All other piece goods, including linings.....	111.3	66.5	180.9	87.7
225601	Knitted fabrics (cotton, wool, manmade fibers, etc.).....	49.4	35.0	21.6	19.1
970089	All other materials, containers, supplies, components, etc.....	(X)	15.2	(X)	14.3
976000	Materials, containers, supplies, n.s.k. <sup>2</sup> .....	(X)	42.0	(X)	32.3
INDUSTRY 2363.--CHILDREN'S COATS AND SUITS					
	Materials, containers, and supplies, total.....	(X)	66.9	(X)	63.6
	Broadwoven fabrics, total.....	(NA)	37.0	40.9	43.6
220124	Suiting and coating piece goods, excluding linings.....	18.3	25.1	18.0	29.5
220125	All other piece goods, including linings.....	(NA)	11.9	22.9	14.1
225601	Knitted fabrics (cotton, wool, manmade fibers, etc.).....	3.1	2.7	0.9	1.5
970089	All other materials, containers, supplies, components, etc.....	(X)	4.9	(X)	6.6
976000	Materials, containers, supplies, n.s.k. <sup>2</sup> .....	(X)	21.3	(X)	11.9
INDUSTRY 2369.--CHILDREN'S OUTERWEAR, N.E.C.					
	Materials, containers, and supplies, total.....	(X)	180.9	(X)	174.0
	Broadwoven fabrics, total.....	129.2	79.5	184.2	103.6
220124	Suiting and coating piece goods, excluding linings.....	13.0	11.7	13.1	11.4
220125	All other piece goods, including linings.....	116.2	67.8	171.1	92.2
225601	Knitting fabrics (cotton, wool, manmade fibers, etc.).....	232.7	42.0	36.0	28.8
970089	All other materials, containers, and supplies, components, etc.....	(X)	18.8	(X)	20.3
976000	Materials, containers, and supplies, n.s.k. <sup>2</sup> .....	(X)	40.6	(X)	21.2

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<sup>1</sup>From 30 to 50 percent of this figure was estimated.

<sup>2</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See appendix, "Explanation of Terms")

Code	Material	Delivered cost (million dollars)				
		1967				
	INDUSTRY 2371.--FUR GOODS					
	Materials, containers, and supplies, total.....		209.5			
019301	Raw furs.....		54.7			
399961	Dressed furs (including dyed and blended furs).....		79.9			
970099	All other materials, containers, supplies.....		11.0			
976000	Materials, containers, supplies, n.s.k. <sup>1</sup> .....		63.9			
Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2381.--FABRIC DRESS AND WORK GLOVES					
	Materials, containers, supplies, etc., total.....		(X)	74.9	(X)	64.0
220123	Broadwoven fabrics (cotton, wool, manmade fiber fabrics, etc.)..	Million lin. yds.	<sup>2</sup> 61.1	28.2	54.6	25.4
225601	Knitted fabrics (cotton, wool, manmade fibers, etc.).....	...do.....	17.0	14.8	19.9	11.9
311100	Finished leather.....	Million sq. ft...	45.4	10.0	29.8	6.5
970099	All other materials, containers, and supplies.....		(X)	12.9	(X)	15.9
976000	Materials, containers, supplies, n.s.k. <sup>1</sup> .....		(X)	9.0	(X)	4.3
	Material		1967		1963	
			Quantity (million lin. yds.)	Delivered cost (million dollars)	Quantity (million lin. yds.)	Delivered cost (million dollars)
	INDUSTRY 2384.--ROBES AND DRESSING GOWNS					
	Materials, containers, supplies, etc., total.....		(X)	87.3	(X)	80.2
220126	Broadwoven fabrics (piece goods), including linings.....		<sup>e</sup> 88.6	52.5	106.6	55.5
225601	Knitted fabrics (cotton, wool, manmade fibers, etc.).....		<sup>e</sup> 2.1	2.4	2.7	2.6
970099	All other materials, containers, and supplies.....		(X)	10.4	(X)	7.1
976000	Materials, containers, supplies, n.s.k. <sup>1</sup> .....		(X)	22.0	(X)	15.0
	INDUSTRY 2385.--WATERPROOF OUTER GARMENTS					
	Materials, containers, supplies, etc., total.....		(X)	148.3	(X)	89.7
220126	Broadwoven fabrics (piece goods), including linings.....		<sup>e</sup> 97.0	94.7	58.1	58.1
225601	Knitted fabrics (cotton, wool, manmade fibers, etc.).....		0.7	0.7	0.6	0.6
970099	All other materials, containers, and supplies.....		(X)	17.3	(X)	21.3
976000	Materials, containers, supplies, n.s.k. <sup>1</sup> .....		(X)	35.6	(X)	9.8
	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2386.--LEATHER AND SHEEP LINED CLOTHING					
	Materials, containers, supplies, etc., total.....		(X)	49.7	(X)	28.0
220126	Broadwoven fabrics (piece goods), including linings.....	Million lin. yds..	4.6	4.5	3.9	3.9
225601	Knitted fabrics (cotton, wool, manmade fibers, etc.).....	...do.....	<sup>2</sup> 0.7	0.7	.7	0.6
311100	Finished leather.....	Million sq.ft....	43.6	20.2	46.3	17.5
399961	Dressed furs (include dyed and blended furs).....		(X)	2.1	(NA)	(NA)
970099	All other materials, containers, and supplies.....		(X)	4.9	(X)	3.3
976000	Materials, containers, supplies, n.s.k. <sup>1</sup> .....		(X)	17.3	(X)	2.7
	INDUSTRY 2387.--APPAREL BELTS					
	Materials, containers, supplies, etc., total.....		(X)	53.8	(X)	39.3
220126	Broadwoven fabrics (piece goods), including linings.....	Million lin. yds.	3.5	2.3	3.8	2.1
311100	Finished leather.....	Million sq. ft...	33.8	18.4	26.1	12.8
225601	Knitted fabrics (cotton, wool, manmade fibers, etc.).....	Million lin. yds.	<sup>3</sup>	<sup>3</sup>	0.6	0.4
970099	All other materials, containers, and supplies.....		(X)	17.0	(X)	11.4
976000	Materials, containers, supplies, etc., n.s.k. <sup>1</sup> .....		(X)	16.1	(X)	12.6

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	1967		1963	
		Quantity (million lin. yds.)	Delivered cost (million dollars)	Quantity (million lin. yds.)	Delivered cost (million dollars)
	INDUSTRY 2389.--APPAREL AND ACCESSORIES, N.E.C.				
	Materials, containers, supplies, etc., total.....	(X)	51.8	(X)	43.8
220126	Broadwoven fabrics (piece goods), including linings.....	68.9	25.6	64.1	21.0
225601	Knitted fabrics (cotton, wool, manmade fibers, etc.).....	0.7	0.4	1.1	0.6
970099	All other materials, containers, and supplies.....	(X)	12.9	(X)	9.8
976000	Materials, containers, and supplies, n.s.k. <sup>1</sup> .....	(X)	12.9	(X)	12.3

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. <sup>e</sup>From 10 to 30 percent of this figure was estimated.

<sup>1</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

<sup>2</sup>From 30 to 50 percent of this figure was estimated.

<sup>3</sup>Included with "All other materials, containers, and supplies" to avoid disclosing operations of individual companies.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 2391.—CURTAINS AND DRAPERIES						
	Materials, containers, supplies, etc., total.....		(X)	220.0	(X)	161.7
	Broadwoven fabrics:					
221101	Cotton.....	Million lin. yds.	86.8	39.9	75.4	26.0
222101	Rayon and acetate.....	..do.....	76.7	40.5	102.8	44.4
222105	Nylon.....	..do.....	11.8	6.9	7.0	1.7
220127	Other broadwoven fabrics.....	..do.....	78.3	33.1	99.8	37.4
307911	Unsupported plastic film and sheeting (excluding packaging material).....	Million sq. yds..	(NA)	1.8	25.3	2.6
970099	All other materials, components, parts, containers, and supplies consumed.....		(X)	35.1	(X)	11.8
976000	Materials, containers, supplies, n.s.k <sup>1</sup> .....		(X)	62.7	(X)	37.8
INDUSTRY 2392.--HOUSEFURNISHINGS, N.E.C.						
	Materials, containers, supplies, etc., total.....		(X)	550.0	(X)	395.2
	Broadwoven fabrics:					
221101	Cotton.....	Million lin. yds.	<sup>e</sup> 483.3	216.9	420.3	137.5
222101	Rayon and acetate.....	..do.....	<sup>e</sup> 70.6	32.2	70.1	30.2
222105	Nylon.....	..do.....	(NA)	11.6	10.1	3.8
220127	Other broadwoven fabrics.....	..do.....	<sup>e</sup> 24.0	20.7	44.6	15.6
229503	Plastic coated, impregnated, or laminated fabrics.....	..do.....	<sup>e</sup> 42.7	17.0	40.2	8.1
307911	Unsupported plastic film and sheeting (excluding packaging material).....	Million sq. yds..	<sup>e</sup> 117.6	16.2	107.2	14.9
282014	Manmade fibers (staple and tow).....	Million lbs.....	<sup>e</sup> 28.0	15.0	18.0	9.4
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	119.1	(X)	101.5
972000	Materials, containers, supplies, n.s.k <sup>1</sup> .....		(X)	101.3	(X)	74.1
INDUSTRY 2393.--TEXTILE BAGS						
	Materials, containers, supplies, etc., total.....		(X)	181.7	(X)	123.6
	Broadwoven fabrics:					
221101	Cotton.....	Million lin. yds.	324.2	72.2	139.7	27.5
222105	Nylon.....	..do.....	(NA)	( <sup>2</sup> )	(NA)	( <sup>2</sup> )
220127	Other broadwoven fabrics.....	..do.....	<sup>e</sup> 507.3	60.8	495.2	62.4
229503	Plastic coated, impregnated or laminated fabrics.....	..do.....	18.0	4.0	3.7	0.9
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	<sup>2</sup> 30.1	(X)	<sup>2</sup> 20.8
976000	Materials, containers, supplies, n.s.k. <sup>1</sup> .....		(X)	14.6	(X)	12.1

See footnotes at end of table.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2394.--CANVAS PRODUCTS					
	Materials, containers, supplies, etc., total.....		(X)	136.7	(X)	83.7
	Broadwoven fabrics (piece goods) excluding coated, impregnated or laminated fabrics:					
221101	Cotton.....	Million lin. yds.	69.5	45.8	63.0	31.2
222101	Rayon and acetate.....	...do.....	3.5	3.2	( <sup>3</sup> )	( <sup>3</sup> )
222105	Nylon.....	...do.....				
220127	Other broadwoven fabrics.....	...do.....	3.9	3.2	5.6	4.2
229503	Plastic coated, impregnated or laminated fabrics.....	...do.....	5.3	8.2	2.9	3.3
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	42.3	(X)	18.8
976000	Materials, containers, supplies, n.s.k. <sup>1</sup> .....		(X)	34.0	(X)	26.2
	INDUSTRY 2399.--FABRICATED TEXTILE PRODUCTS, N.E.C.					
	Materials, containers, supplies, etc., total.....		(X)	276.8	(X)	176.6
	Broadwoven fabrics (piece goods) excluding coated, impregnated or laminated fabrics:					
221101	Cotton.....	Million lin. yds.	121.3	33.8	121.1	25.1
222101	Rayon and acetate.....	...do.....	(NA)	( <sup>3</sup> )	4.6	2.6
222105	Nylon.....	...do.....	<sup>e</sup> 88.5	35.5	23.1	12.3
220127	Other broadwoven fabrics.....	...do.....	(NA)	<sup>2</sup> 4.3	4.2	3.9
229503	Plastic coated, impregnated, or laminated fabric.....	...do.....	(NA)	12.6	10.1	7.2
307911	Unsupported plastic film and sheeting, excluding packaging material.....	Million sq. yds..	<sup>e</sup> 6.9	2.1	11.5	5.4
282014	Manmade fibers (staple and tow).....	Million lbs.....	11.6	5.0	12.9	4.4
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	124.4	(X)	63.8
976000	Materials, containers, supplies, n.s.k. <sup>1</sup> .....		(X)	59.1	(X)	51.9

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. <sup>e</sup>From 10 to 30 percent of this figure was estimated.

<sup>1</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

<sup>2</sup>Included in "All other materials, etc."

<sup>3</sup>Included with "Other broadwoven fabrics."

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	1967 delivered cost  (million dollars)	1963 delivered cost  (million dollars)	
	INDUSTRY 2411.—LOGGING CAMPS AND LOGGING CONTRACTORS			
	Materials, containers, and supplies, total.....	485.6	396.2	
081111	Cost of stumpage cut (excluding land value) for use in the manufacture of logs, lumber, veneer, plywood or other wood products.....	143.6	172.0	
970099	All other materials and components, parts, containers, and supplies.....	71.4	62.4	
971000	All other materials and components, parts, containers, and supplies, n.s.k. <sup>1</sup> .....	270.6	161.8	
	Material	Unit of measure	1967 Quantity Delivered cost (million dollars)	1963 Quantity Delivered cost (million dollars)
	INDUSTRY 2421.—SAWMILLS AND PLANING MILLS, GENERAL			
	Materials, parts, and supplies, total.....		(X) 1,609.3	(X) 1,430.1
081111	Cost of stumpage cut (excluding land value) for use in the manufacture of logs, lumber, veneer, plywood or other wood products.....		(X) 315.6	(X) 336.2
241111	Logs, bolts and unsliced flitches: Hardwood.....	Million ft. (log scale).....	2,702.8 139.4	15,061.6
241112	Softwood.....	do.....	9,909.9 506.0	
242110	Rough lumber: Hardwood.....	Million bd. ft....	<sup>e</sup> 632.6 45.2	620.0
242118	Softwood.....	do.....	1,981.0 131.1	2,485.2
242111	Rough lumber, hardwood and softwood.....	do.....	(X) (X)	556.8
242121	Dressed lumber: Hardwood.....	do.....	(NA) 4.9	39.6
242128	Softwood.....	do.....	722.7 57.5	629.0
970099	All other materials and components, parts, containers, and supplies consumed, n.e.c.....		(X) 182.0	(X) 146.5
973000	All other materials, parts, and supplies consumed, including materials, etc., n.s.k. <sup>1</sup> .....		(X) 227.6	(X) 179.2
	INDUSTRY 2426.—HARDWOOD DIMENSION AND FLOORING			
	Materials, containers, and supplies, total.....		(X) 178.9	(X) 170.9
081111	Cost of stumpage cut (excluding land value), etc.....		(X) 3.2	(X) 2.1
241111	Logs, bolts and unsliced flitches: Hardwood.....	Million ft.....	<sup>e</sup> 314.5 20.8	320.1
241112	Softwood.....	do.....	21.4 1.4	
242110	Rough lumber: Hardwood.....	Million bd. ft....	987.7 96.0	1,232.5
242118	Softwood.....	do.....	73.0 5.5	63.4
242121	Dressed lumber: Hardwood.....	do.....	<sup>e</sup> 21.1 3.4	29.2
242128	Softwood.....	do.....	<sup>e</sup> 11.3 .8	4.7
970099	All other materials and components, parts, containers, and supplies consumed, n.e.c.....		(X) 27.4	(X) 23.1
971000	All other materials and components, parts, containers, and supplies consumed, n.s.k. <sup>1</sup> .....		(X) 20.4	(X) 22.8

See footnotes at end of table.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2429.--SPECIAL PRODUCT SAWMILLS, N.E.C.					
	Materials, parts, and supplies, total.....	.....	(X)	60.9	(X)	47.2
081111	Cost of stumpage cut (excluding land value) for use in the manufacture of logs, lumber, veneer plywood or other wood products.	.....	(X)	4.9	(X)	3.7
	Logs, bolts and unsliced flitches, total:					
241111	Hardwood.....	Million ft. (log scale)....	(NA)	15.2	466.9	20.1
241112	Softwood.....	...do.....	(NA)	11.4		
970099	All other materials, components, parts, containers, and supplies consumed, n.e.c.....	.....	(X)	18.2	(X)	13.5
971000	All other materials, components, parts, containers, and supplies consumed, n.s.k. <sup>1</sup> .....	.....	(X)	11.2	(X)	9.8

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Under \$50 thousand.

<sup>1</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2431.--MILLWORK					
	Materials, containers, and supplies, total.....		(X)	721.5	(X)	643.9
	Logs, bolts, and unsliced flitches, total.....	Million ft. log scale.....	(NA)	9.4	51.6	3.4
241111	Hardwood.....	...do.....	(NA)	2.0	51.6	3.4
241112	Softwood.....	...do.....	(NA)	7.4		
	Rough lumber:					
242110	Hardwood.....	Million bd. ft...	<sup>e</sup> 198.0	40.0	136.8	26.1
242118	Softwood.....	...do.....	576.4	77.7	549.6	75.3
	Dressed lumber:					
242121	Hardwood.....	...do.....	(NA)	16.9	45.2	7.8
242128	Softwood.....	...do.....	953.1	127.6	1,075.2	126.8
243250	Hardwood veneer.....	Million sq. ft. surf. meas.....	456.8	28.1	381.0	16.2
243260	Softwood veneer.....	Million sq. ft. 1" basis.....	(NA)	2.1	99.4	8.2
	Hardwood plywood-other than container type:					
243211	Veneer core.....	Million sq. ft. surf. meas.....	<sup>e</sup> 540.3	52.1	454.2	47.4
243213	Board core, including lumber, particleboard and hardboard core.	... do.....	<sup>e</sup> 19.9	5.6	23.1	8.3
243203	Softwood plywood.....	Million sq. ft. 3/8" basis.....	<sup>e</sup> 123.6	14.7	154.7	15.7
342940	Builders' hardware, including doors, locks, locksets, lock trim, miscellaneous sash screen, and shelf hardware; hinges and butts; hangers, tracks and related items; cabinet hardware, and all other builders' hardware.....		(X)	37.9	(X)	26.2
249930	Particleboard.....	million sq. ft. 3/4" basis.....	<sup>e</sup> 42.3	5.5	(X)	124.0
249960	Hard pressed wood fiberboard.....	Million sq. ft. 1/8" basis.....	<sup>e</sup> 140.5	7.2		
265011	Paperboard boxes and containers, including folding, corrugated, and setup boxes.....		(X)	3.6		
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	152.0	(X)	158.4
971000	All other materials, n.s.k <sup>1</sup> .....		(X)	141.1		

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Materials	Unit of measure	1967			1963		
			Quantity	Delivered cost (million dollars)	Consumption of material produced in this establishment (quantity)	Quantity	Delivered cost (million dollars)	Consumption of material produced in this establishment (quantity)
	INDUSTRY 2432.--VENEER AND PLYWOOD							
	Materials, parts, and supplies, total.....		(X)	935.8	(X)	(X)	730.6	(X)
081111	Cost of stumpage cut (timber, excluding land) for use in same establishment in the manufacture of logs, lumber, veneer, plywood, or other wood products.....		(X)	97.1	(X)	(X)	45.5	(X)
	Logs, bolts, and unsliced flitches:							
241111	Hardwood.....	Million ft. log-scale....	702.8	73.6	(NA)	4,089.8	265.2	1,025.3
241112	Softwood.....	..do.....	3,497.4	205.2	(NA)			
	Lumber, rough and dressed:							
242101	Hardwood.....	Million bd. ft.	70.9	7.4	(NA)	64.0	7.4	8.8
242103	Softwood.....	..do.....	43.2	4.9	(NA)	45.7	3.5	34.7
243250	Hardwood veneer.....	Million sq. ft. surf. meas....	3,584.6	142.8	(NA)	2,708.7	104.5	(NA)
243260	Softwood veneer.....	Million sq. ft. 1" basis.....	2,083.4	158.1	(NA)	1,709.3	134.4	2,438.3
243210	Hardwood plywood.....	Million sq. ft. surf. meas....	773.3	60.8	(X)	291.4	28.9	(X)
243203	Softwood plywood.....	Million sq. ft. 3/8" basis...	147.4	11.6	(X)	90.4	8.0	(X)
289111	Glues and adhesives (soybean, casein, blood, albumen, synthetic resin adhesives, etc.).....	Million lbs....	678.4	39.3	(X)	(NA)	28.1	(X)
282140	Thermosetting resins (including melamines phenolics, polyesters, ureas, etc., in all forms, including granular, pellet, powder, liquid, sheet, etc.) excluding synthetic resin adhesives.....							
		Million lbs. dry basis....	(S)	12.8	(X)	(NA)	12.8	(X)
249930	Particleboard.....	Million sq. ft. 3/4" basis....	44.1	5.8	(X)	(X)	77.3	(X)
970099	All other materials and components, parts, containers, and supplies consumed, n.e.c.....		(X)	98.7	(X)	(X)		(X)
971000	All other materials and components, parts, containers, and supplies consumed, n.s.k. <sup>1</sup> .....		(X)	17.6	(X)	(X)	15.0	(X)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2433.--PREFABRICATED WOOD STRUCTURES					
	Materials, parts, and supplies, total.....		(X)	259.0	(X)	212.4
	Rough lumber:					
242110	Hardwood.....	Million bd. ft...	<sup>e</sup> 32.3	3.6	8.3	0.9
242118	Softwood.....	..do.....	<sup>e</sup> 130.3	13.1	98.6	9.7
	Dressed lumber:					
242121	Hardwood.....	Million bd. ft...	33.3	4.2	30.6	4.3
242128	Softwood.....	..do.....	740.2	80.1	633.1	63.6
243210	Hardwood plywood.....	Million sq. ft. surf. meas....	(NA)	2.5	15.1	2.2
243203	Softwood plywood.....	Million sq. ft. 3/8" basis.....	<sup>e</sup> 239.6	22.1	176.8	14.6
282140	Thermosetting resins (melamines, phenolics, ureas, etc., on dry basis including granules, pellets, powder, liquid, sheets, etc..	Million lbs.....	<sup>e</sup> 8.7	3.0	(S)	1.1
342940	Builders' hardware; including door locks, lock sets, lock trim, miscellaneous sash, screen and shelf hardware; hinges and butts; hangers, tracks and related items; cabinet hardware and all other builders' hardware.....		(X)	8.7	(X)	13.9
970099	All other materials and components, parts, containers and supplies consumed, n.e.c.....		(X)	89.9	(X)	61.1
971000	All other materials, n.s.k. <sup>1</sup> .....		(X)	31.8	(X)	40.3

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. <sup>e</sup>For 1967, over 30 percent of the data for this line was estimated. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

<sup>1</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 2441.--NAILED WOODEN BOXES AND SHOOK						
	Materials, containers, and supplies, total.....		(X)	133.1	(X)	97.6
	Logs, bolts, and unsliced flitches:					
241111	Hardwood.....	Million feet (log scale)....	50.5	2.3	(S)	(S)
241112	Softwood.....	...do.....	98.7	6.5		
	Rough lumber:					
242110	Hardwood.....	Million board ft.	145.2	10.7	203.6	13.7
242118	Softwood.....	...do.....	368.8	26.4	304.4	20.5
	Dressed lumber:					
242121	Hardwood.....	...do.....	16.5	1.5	40.6	3.9
242128	Softwood.....	...do.....	299.1	24.8	125.8	10.4
243203	Softwood plywood.....	Million sq. ft. (3/8" basis)....	41.9	3.7	(S)	2.4
243215	Hardwood plywood, container type.....	Million sq. ft. (surface meas.)	(NA)	2.1	(S)	2.6
243250	Hardwood veneer.....	Million sq. ft. (1" basis).....				
243260	Softwood veneer.....	...do.....				
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	32.9	(X)	22.2
971000	All other materials and components, parts, containers, and supplies consumed, n.s.k. <sup>1</sup> .....		(X)	22.2	(X)	18.1
INDUSTRY 2442.--WIREBOUND BOXES AND CRATES						
	Materials, containers, and supplies, total.....		(X)	64.8	(X)	53.8
	Logs, bolts, and unsliced flitches:					
241111	Hardwood.....	Million feet (log scale)....	76.6	5.0	144.9	8.7
241112	Softwood.....	...do.....	18.8	1.2		
	Rough lumber:					
242110	Hardwood.....	Million board ft.	154.9	10.5	109.4	6.6
242118	Softwood.....	...do.....	33.3	2.0	29.8	1.8
	Dressed lumber:					
242121	Hardwood.....	...do.....	42.9	3.4	39.4	2.5
242128	Softwood.....	...do.....	64.0	5.2	37.7	2.7
243203	Softwood plywood.....	Million sq. ft. (3/8" basis)....	8.1	0.6	1.5	0.1
243215	Hardwood plywood, container type.....	Million sq. ft. (surface meas.)	(NA)	0.7	9.3	1.2
243250	Hardwood veneer.....	...do.....	450.7	9.2	487.4	8.6
243260	Softwood veneer.....	Million sq. ft. (1" basis).....	31.6	3.6	37.8	3.8
970099	All other materials, components, parts, containers, and supplies consumed.....		(X)	18.6	(X)	13.5
976000	All other materials, components, parts, containers, and supplies consumed, n.s.k. <sup>1</sup> .....		(X)	4.8	(X)	4.2
INDUSTRY 2443.--VENEER AND PLYWOOD CONTAINERS						
	Materials, containers, and supplies, total.....		(X)	12.0	(X)	10.4
	Logs, bolts, and unsliced flitches:					
241111	Hardwood.....	Million feet (log scale).....	42.4	3.2	49.3	3.1
241112	Softwood.....	...do.....				
	Rough lumber:					
242110	Hardwood.....	Million board feet.....	5.7	0.5	11.1	0.8
242118	Softwood.....	...do.....				
	Dressed lumber:					
242121	Hardwood.....	...do.....	5.7	0.5	3.3	0.2
242128	Softwood.....	...do.....				

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2443.--VENEER AND PLYWOOD CONTAINERS--Cont.					
	Materials, containers, and supplies--Cont.					
243203	Softwood plywood.....	Million sq. ft. (3/8" basis)....	(NA)	2.6	(X)	0.4
243215	Hardwood plywood, container type.....	Million sq. ft. (surface meas- ure).....				
243250	Hardwood veneer.....	do.....				
243260	Softwood veneer.....	Million sq. ft. (1" basis).....				
970099	All other materials, components, parts, containers, and supplies consumed.....		(X)	3.0	(X)	3.3
976000	All other materials, components, parts, containers, and supplies consumed, n.s.k.....		(X)	2.3	(X)	2.7
	INDUSTRY 2491.--WOOD PRESERVING					
	Materials, parts, and supplies, total.....		(X)	198.4	(X)	143.6
	Treated in same establishment:					
241109	Poles, piling, and other round or hewn wood products.....		(X)	81.7	(X)	55.3
	Rough lumber including sawn ties:					
242110	Hardwood.....	Million bd. ft...	<sup>e</sup> 241.4	20.6	158.7	12.0
242118	Softwood.....	do.....	<sup>e</sup> 383.1	33.7	276.6	23.0
	Consumed in same establishment:					
281551	Creosote oil.....	Million gallons..	<sup>e</sup> 149.8	35.7	124.6	29.4
970099	All other materials, components, parts, containers, and supplies consumed.....		(X)	17.1	(X)	12.5
976000	All other materials, components, parts, containers, and supplies consumed, n.s.k.....		(X)	9.5	(X)	11.4
	INDUSTRY 2499.--WOOD PRODUCTS, N.E.C.					
	Materials, containers, and supplies consumed, total.....		(X)	527.5	(X)	326.1
241108	Logs, bolts, and unsliced flitches.....	Million ft (log scale).....	<sup>e</sup> 807.1	42.5	372.5	19.5
	Rough lumber including sawn ties:					
242110	Hardwood.....	Million bd. ft...	<sup>e</sup> 729.7	58.2	459.7	32.1
242118	Softwood.....	do.....	<sup>e</sup> 255.0	19.9	198.7	15.4
	Dressed lumber:					
242121	Hardwood.....	do.....	<sup>e</sup> 207.5	20.4	111.4	10.4
242128	Softwood.....	do.....	<sup>e</sup> 373.4	34.1	198.5	18.7
242622	Rough, surfaced, or semifabricated hardwood dimension and dimension stock.....	do.....	(NA)	15.0	51.0	8.7
242011	Chips, slabs, edgings, shavings, sawdust, and other wood wastes..		(X)	15.2	(X)	7.2
249960	Hard pressed wood fiberboard.....	Million sq. ft. (1/8" basis)....	(X)	30.3	(X)	136.4
970099	All other materials, components, parts, containers, and supplies consumed.....		(X)	204.4		
976000	All other materials, components, parts, containers, and supplies consumed, n.s.k.....		(X)	87.4		
						77.7

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: -Represents zero. (X) Not applicable. (NA) Not available. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind. (Z) under \$50 thousand. <sup>e</sup>From 10 to 30 percent of this figure was estimated.

<sup>1</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 2511.--WOOD HOUSEHOLD FURNITURE						
	Materials, parts, containers, and supplies, total.....	Million bd. ft...	(X)	1,020.8	(X)	799.2
242101	Hardwood lumber, rough and dressed.....	...do.....	<sup>e</sup> 1,192.5	186.9	1,167.7	162.4
242103	Softwood lumber, rough and dressed.....	...do.....	<sup>e</sup> 275.2	32.7	252.1	25.2
243250	Hardwood veneer.....	Million sq. ft...	1,030.2	54.7	1,178.0	50.0
Hardwood plywood other than container type:						
243211	Veneer core.....	...do.....	(NA)	62.8	244.2	46.2
243213	Lumber core, including particleboard core.....	...do.....	(NA)	31.1	67.6	21.2
243203	Softwood plywood.....	...do.....	<sup>e</sup> 113.2	15.6	78.0	11.8
249930	Particleboard.....	Million sq. ft. 3/4" basis.....	<sup>e</sup> 154.5	21.1	112.7	11.5
242622	Rough surfaced, or semifabricated hardwood furniture dimension and dimension stock.....	Million bd. ft...	<sup>e</sup> 235.9	86.9	160.5	48.1
251261	Furniture frames, wood.....	.....	(X)	10.3	(X)	5.3
322150	Mirrors, framed and unframed.....	Million sq. ft...	(NA)	15.5	20.7	14.1
321101	Flat glass (plate and sheet).....	...do.....	(NA)	4.8	6.8	2.7
285101	Paints, varnishes, lacquers, japans, and enamel.....	Million gallons..	<sup>e</sup> 26.9	53.2	24.3	47.4
342901	Furniture and builders' hardware, including cabinet hardware casters, gliders, handles, hinges, locks, etc.....	.....	(X)	63.0	(X)	48.4
307931	Plastic laminated sheets.....	.....	(X)	26.0	(X)	18.0
249960	Hard pressed wood fiberboard.....	Million sq. ft. 1/8" basis.....	(NA)	18.7	162.2	9.1
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	230.2	(X)	141.8
971000	All other materials, components, parts, containers, and supplies, n.s.k. <sup>1</sup> .....	.....	(X)	107.1	(X)	136.1
INDUSTRY 2512.--UPHOLSTERED WOOD FURNITURE						
	Materials, parts containers, and supplies, total.....	.....	(X)	569.0	(X)	457.6
242101	Hardwood lumber rough and dressed.....	Million bd. ft...	<sup>e</sup> 397.2	50.4	335.7	35.4
242103	Softwood lumber, rough and dressed.....	...do.....	<sup>e</sup> 70.7	7.6	52.0	3.7
242622	Rough, surfaced, or semifabricated hardwood furniture dimension and dimension stock.....	Million bd. ft...	<sup>e</sup> 50.3	13.1	40.8	8.1
251261	Furniture frames, wood.....	.....	(X)	60.8	(X)	45.1
Foam cores for mattresses (excluding topper pads):						
306933	Rubber.....	1,000 units.....	(NA)	2.6	(S)	1.3
307922	Polyurethane.....	...do.....	(NA)	6.8	(S)	2.0
Formed and slab stock for pillows, cushions, seating, etc.:						
306931	Rubber.....	Million lbs.....	(NA)	26.4	35.8	20.8
307921	Polyurethane.....	...do.....	<sup>e</sup> 40.8	23.6	36.8	27.3
229308	Paddings and fillings, except rubber, and plastic foam.....	...do.....	(NA)	12.1	(S)	9.4
209131	Cotton linters (net weight).....	...do.....	54.6	9.3	60.4	9.2
348138	Springs, innerspring units, and box spring constructions.....	1,000 short tons.	(NA)	18.3	(S)	18.1
348135	Constructions for dual-purpose sleep furniture.....	.....	(X)	4.4	(X)	4.5
285110	Paints, varnishes, lacquers, japans, and enamels.....	Million gal.....	(NA)	4.6	1.8	3.4
342901	Furniture and builders' hardware, including cabinet hardware, casters, gliders, handles, hinges, locks, etc.....	.....	(X)	15.6	(X)	9.3
229508	Coated or laminated fabric (for upholstery).....	Million lin. yds.	<sup>e</sup> 18.2	23.9	9.0	13.4
307931	Plastic laminated sheets.....	.....	(X)	3.7	(X)	4.5
Woven upholstery fabrics, (excluding ticking and muslin):						
221161	Cotton.....	Million lin. yds.	(NA)	69.7	20.5	34.2
222103	Other (rayon, nylon, etc.).....	...do.....	<sup>e</sup> 34.3	74.1	45.7	80.5
970099	All other materials and components, containers, and supplies consumed, n.e.c.....	.....	(X)	87.3	(X)	58.6
971000	All other materials and components, parts, containers, and supplies, n.s.k. <sup>1</sup> .....	.....	(X)	54.7	(X)	68.8
INDUSTRY 2514.--METAL HOUSEHOLD FURNITURE						
	Materials, parts, containers, and supplies, total.....	.....	(X)	292.3	(X)	266.2
Mill shapes and forms (except castings):						
Carbon steel:						
331012	Sheet and strip.....	1,000 short tons.	283.2	43.1	235.0	37.6
331019	All other carbon steel mill shapes and forms, including tubing.....	1,000 short tons.	(NA)	24.7	108.4	23.2
331020	Alloy steel (except stainless).....	...do.....	(NA)	3.2	(S)	3.6
331031	Stainless steel.....	...do.....	(NA)	3.7	1.5	1.6

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963-Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2514.--METAL HOUSEHOLD FURNITURE					
	Materials, parts, containers, and supplies, total--Con.					
	Aluminum and aluminum-base alloy mill shapes and forms:					
335202	Sheet, plate, and foil.....	Million lbs.....	<sup>e</sup> 24.0	9.6	12.9	4.9
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	...do.....	(NA)	15.6	31.8	11.2
335209	All other aluminum mill shapes and forms (wire, rolled, rod and bar, powder, welded, tubing, etc.).....	...do.....	<sup>e</sup> 23.3	9.3	32.9	14.8
348138	Springs, innerspring units, and box spring constructions.....	1,000 short tons.	(NA)	1.2	(S)	1.4
285101	Paints, varnishes, lacquers, japans, and enamels.....	Million gal.....	(NA)	6.1	1.7	5.3
342901	Furniture and builders' hardware, including cabinet hardware, casters, gliders, handles, hinges, locks, etc.....	Million sq. yds..	(X)	13.3	(X)	10.1
307911	Unsupported plastic film and sheets, excluding packaging materials.....	Million sq. yds..	(NA)	7.0	(S)	3.8
307931	Plastic laminated sheets.....	.....	(X)	10.5	(X)	12.1
229508	Coated or laminated fabric for upholstery.....	Million lin. yds.	<sup>e</sup> 13.0	11.4	8.8	9.1
249930	Particleboard.....	Million sq. ft. 3/4" basis.....	<sup>e</sup> 55.9	8.3	38.8	6.6
265011	Paperboard boxes and containers, including folding, corrugated and setup boxes.....	.....	(X)	17.2	(X)	14.8
321101	Flat glass (plate and sheet).....	Million sq. ft...	(NA)	4.2	5.9	3.5
970099	All other materials and components, parts, containers, and supplies consumed, n.e.c.....	.....	(X)	82.7	(X)	74.4
971000	All other materials, components, parts, containers, and supplies, n.s.k. <sup>1</sup> .....	.....	(X)	21.3	(X)	28.1
	INDUSTRY 2515.--MATTRESSES AND BEDSPRINGS					
	Materials, parts, containers, and supplies, total.....	.....	(X)	382.0	(X)	333.9
251261	Furniture frames, wood.....	.....	(X)	14.0	(X)	10.4
242622	Rough, surfaced or semifabricated hardwood furniture dimension and dimension stock.....	Million bd. ft....	<sup>e</sup> 57.2	5.5	(S)	3.0
	Carbon steel, including wrought iron mill shapes and forms:					
331012	Sheet and strip.....	1,000 short tons..	42.5	8.2	38.5	7.0
331019	All other carbon steel mill shapes and forms, including tubing.	...do.....	20.3	3.7	31.4	6.0
348138	Springs, innerspring units and box spring constructions.....	...do.....	<sup>e</sup> 168.8	70.3	164.5	58.8
348135	Constructions for dual-purpose sleep furniture.....	.....	(X)	5.5	(X)	6.5
	Woven upholstery fabrics, excluding ticking and muslin:					
221161	Cotton.....	Million lin. yds..	<sup>e</sup> 9.4	12.3	8.1	10.9
222103	Other (rayon, nylon, etc.).....	Million lin. yds..	<sup>e</sup> 5.2	6.8	4.8	7.4
221141	Ticking (mattress).....	...do.....	<sup>e</sup> 97.8	53.3	91.1	46.2
209131	Cotton linters (net weight).....	Million lbs.....	<sup>e</sup> 246.3	21.1	240.0	18.3
229308	Paddings and fillings, except rubber and plastic foam.....	...do.....	<sup>e</sup> 106.3	17.3	112.1	18.0
	Foam cores for mattresses, excluding topper pads:					
306933	Rubber.....	1,000 units.....	<sup>e</sup> 576.8	13.6	444.4	10.6
307922	Polyurethane.....	...do.....	(NA)	12.0	970.7	9.1
229508	Coated or laminated fabric for upholstery.....	Million lin. yds..	<sup>e</sup> 1.8	1.7	} (X)	67.2
970099	All other materials and components, parts, containers, and supplies consumed, n.e.c.....	.....	(X)	88.6		
970000	All other materials and components, parts, containers, and supplies, n.s.k. <sup>1</sup> .....	.....	(X)	48.0		

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review. Over 30 percent of the data for this line was estimated.

<sup>1</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 2521.--WOOD OFFICE FURNITURE						
	Materials, parts, containers, and supplies, total.....		(X)	65.6	(X)	40.4
242101	Hardwood lumber, rough and dressed.....	Million bd. ft...	67.0	12.5	43.5	7.1
242103	Softwood lumber, rough and dressed.....	...do.....	6.5	0.8	2.0	0.2
243250	Hardwood veneer.....	Million sq. ft. (surf. meas.)...	59.5	2.8	48.4	2.5
243210	Hardwood plywood.....	...do.....	16.6	6.5	5.9	2.4
243203	Softwood plywood.....	Million sq. ft. (3/8" basis)....	(S)	0.8	2.0	0.1
249930	Particleboard.....	Million sq. ft. (3/4" basis)....	8.0	1.8	2.7	0.7
249960	Hard pressed wood fiberboard.....	Million sq. ft. (1/8" basis)....	2.0	0.2	0.5	0.1
342901	Furniture and builders' hardware, including cabinet hardware, casters, gliders, handles, hinges, locks, etc.....		(X)	8.6	(X)	4.2
	Mill shapes and forms (except castings):					
	Carbon steel (including wrought iron):					
331012	Sheet and strip.....	1,000 short tons.	9.9	2.8	(NA)	0.1
331019	All other carbon steel mill shapes and forms (including tubing).....	...do.....	(S)	1.5	(S)	0.7
285101	Paints, varnishes, lacquers, japans, and enamels.....	Million gals....	0.7	1.6	0.5	1.2
307931	Plastic laminated sheets.....	...do.....	(X)	2.5	(X)	1.4
229508	Coated or laminated fabric (for upholstery).....	Million lin. yds.	0.9	2.3	0.7	1.1
265011	Paperboard boxes and containers, including folding, corrugated, and setup boxes.....		(X)	2.3	(X)	1.5
970099	All other materials and components, parts, containers, and supplies consumed, n.e.c.....		(X)	15.3	(X)	8.8
971000	Materials, components, parts, containers, and supplies, n.s.k. <sup>1</sup>		(X)	3.3	(X)	8.4
INDUSTRY 2522.—METAL OFFICE FURNITURE						
	Materials, parts, containers, and supplies, total.....		(X)	202.8	(X)	136.0
242101	Hardwood lumber, rough and dressed.....	Million bd. ft..	<sup>e</sup> 6.3	0.8	3.9	0.5
242103	Softwood lumber, rough and dressed.....	...do.....	<sup>e</sup> 7.9	0.7	1.7	0.2
243250	Hardwood veneer.....	Million sq. ft. (surf. meas.)..	(NA)	0.5	(S)	0.4
243210	Hardwood plywood.....	...do.....	<sup>e</sup> 1.7	0.6	1.4	0.5
243203	Softwood plywood.....	Million sq. ft. (3/8" basis)...	(NA)	0.4	(S)	0.2
249930	Particleboard.....	Million sq. ft. (3/4" basis)...	<sup>e</sup> 2.4	0.6	0.9	0.2
342901	Furniture and builders' hardware, including cabinet hardware, casters, gliders, handles, hinges, locks, etc.....		(X)	22.4	(X)	18.0
	Mill shapes and forms (except castings):					
	Carbon steel (including wrought iron):					
331012	Sheet and strip.....	1,000 short tons	450.7	71.9	303.3	46.5
331019	All other carbon steel mill shapes and forms (including tubing).....	...do.....	<sup>e</sup> 31.3	6.5	20.5	4.5
331020	Alloy steel mill shapes and forms (except stainless).....	...do.....	<sup>e</sup> 33.1	3.1	11.4	1.6
331031	Stainless steel mill shapes and forms.....	...do.....	<sup>e</sup> 0.4	0.6	(S)	0.3
335208	Aluminum and aluminum-base alloy mill shapes and forms.....	Million lbs....	<sup>e</sup> 7.9	4.8	4.4	2.6
285101	Paints, varnishes, lacquers, japans, and enamel.....	Million gals....	<sup>e</sup> 2.6	8.3	1.8	5.8
307931	Plastic laminated sheets.....	...do.....	(X)	6.4	(X)	3.1
229508	Coated or laminated fabric (for upholstery).....	Million lin. yds	3.3	5.8	1.4	2.5
265011	Paperboard boxes and containers, including folding, corrugated and setup boxes.....		(X)	13.4	(X)	7.3
970099	All other materials and components, parts, containers, and supplies consumed, n.e.c.....		(X)	46.7	(X)	31.3
971000	Materials, components, parts, containers, and supplies, n.s.k...		(X)	9.5	(X)	10.5
INDUSTRY 2531.--PUBLIC BUILDING FURNITURE						
	Materials, parts, containers, and supplies, total.....		(X)	173.9	(X)	119.0
229508	Coated or laminated fabric (for upholstery).....	Mil. lin. yds....	<sup>e</sup> 1.6	4.2	1.7	3.3
242101	Hardwood lumber, rough and dressed.....	Mil. bd. ft.....	<sup>e</sup> 49.3	11.7	52.6	10.4
242103	Softwood lumber, rough and dressed.....	...do.....	<sup>e</sup> 18.9	2.7	18.9	2.8
243250	Hardwood veneer.....	Mil. sq. ft. (sur. meas.)....	<sup>e</sup> 74.8	4.2	78.1	3.5
243210	Hardwood plywood.....	...do.....	18.1	5.2	13.7	4.3
243203	Softwood plywood.....	Mil. sq. ft. (3/8" basis)....	<sup>e</sup> 16.8	2.4	15.8	1.7

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 2531.--PUBLIC BUILDING FURNITURE						
Materials, parts, containers, and supplies--Continued						
249930	Particleboard.....	Mil. sq. ft. (3/4" basis)....	<sup>e</sup> 22.2	3.0	14.8	2.1
249960	Hard pressed wood fiberboard.....	Mil. sq. ft. (1/8" basis)....	<sup>e</sup> 28.9	2.4	13.0	0.9
265011	Paperboard boxes and containers (including folding, corrugated, and set-up).....	.....	(X)	4.0	(X)	3.2
285101	Paints, varnishes, lacquers, japans, and enamels.....	Mil. gals.....	<sup>e</sup> 1.4	3.3	1.1	3.0
307931	Plastic laminated sheets.....	.....	(X)	6.9	(X)	3.8
Mill shapes and forms (except castings):						
Carbon steel (including wrought iron):						
331012	Sheet and strip.....	1,000 s. tons....	91.3	15.2	70.1	12.3
331019	All other carbon steel mill shapes and forms (including tubing).....	...do.....	<sup>e</sup> 15.1	3.8	24.2	4.6
331020	Alloy steel mill shapes and forms (except stainless).....	...do.....	<sup>e</sup> 3.7	1.3	1.2	0.6
331031	Stainless steel mill shapes and forms.....	...do.....	<sup>e</sup> 0.3	0.4	(NA)	0.3
335208	Aluminum and aluminum-base alloy mill shapes and forms.....	Million lbs.....	<sup>e</sup> 9.0	5.9	4.8	2.6
342901	Furniture and builder's hardware, including cabinet hardware, casters, gliders.....	.....	(X)	10.4	(X)	5.9
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	67.6	(X)	36.7
976000	Materials, components, parts, containers, and supplies, n.s.k....	.....	(X)	19.2	(X)	17.0
INDUSTRY 2541.--WOOD PARTITIONS AND FIXTURES						
Materials, parts, containers, and supplies, total.....						
			(X)	188.3	(X)	154.5
229508	Coated or laminated fabric (for upholstery).....	Mil. lin. yds....	(NA)	0.5	(S)	0.3
242101	Hardwood lumber, rough and dressed.....	Mil. bd. ft.....	(NA)	10.6	30.1	8.6
242103	Softwood lumber, rough and dressed.....	...do.....	28.1	6.5	27.6	4.4
243250	Hardwood veneer.....	Mil. sq. ft. (surf. meas)....	(NA)	3.6	(S)	2.1
243210	Hardwood plywood.....	...do.....	<sup>e</sup> 31.6	10.8	45.6	13.4
243203	Softwood plywood.....	Mil. sq. ft. (3/8" basis)....	<sup>e</sup> 60.3	10.2	52.0	8.1
249930	Particleboard.....	Mil. sq. ft. (3/4" basis)....	<sup>e</sup> 72.4	12.3	29.2	5.4
249960	Hard pressed wood fiberboard.....	Mil. sq. ft. (1/8" basis)....	<sup>e</sup> 33.3	3.5	22.2	2.1
265011	Paperboard boxes and containers, including folding, corrugated, and setup boxes.....	.....	(X)	2.2	(X)	1.2
285101	Paints, varnishes, lacquers, japans, and enamels.....	Mil. gals.....	<sup>e</sup> 1.9	5.6	1.5	4.4
307931	Plastic laminated sheets.....	.....	(X)	24.7	(X)	16.7
Mill shapes and forms (except castings):						
Carbon steel (including wrought iron):						
331012	Sheet and strip.....	1,000 short tons.	<sup>e</sup> 15.5	2.5	(S)	0.7
331019	All other carbon steel mill shapes and forms, including tubing.....	...do.....	<sup>e</sup> 3.9	1.2	3.5	0.8
331020	Alloy steel mill shapes and forms, except stainless.....	1,000 short tons.	(NA)	0.6	2.2	0.6
331031	Stainless steel mill shapes and forms.....	...do.....	(NA)	0.7	(S)	1.0
335208	Aluminum and aluminum-base alloy mill shapes and forms.....	Million lbs.....	<sup>e</sup> 3.0	1.5	2.5	1.3
342901	Furniture and builders' hardware, including cabinet hardware, gliders, handles, hinges, locks, casters, etc.....	.....	(X)	13.3	(X)	8.2
970099	All other materials, components, parts, containers, and supplies consumed, n.e.c.....	.....	(X)	33.0	(X)	23.4
976000	Materials, components, parts, containers, and supplies, n.s.k....	.....	(X)	44.8	(X)	51.9

See footnotes at end of table.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 2542.--METAL PARTITIONS AND FIXTURES						
	Materials, parts, containers, and supplies, total.....		(X)	193.7	(X)	152.1
229508	Coated or laminated fabric (for upholstery).....	Million lin. yds..	(NA)	0.1	(S)	0.2
242101	Hardwood lumber, rough and dressed.....	Million bd. ft....	6.4	1.3	5.9	0.7
242103	Softwood lumber, rough and dressed.....	..do.....	7.6	1.3	7.9	1.3
243250	Hardwood veneer.....	Million sq. ft. (surface measure)	(NA)	0.2	(S)	0.1
243210	Hardwood plywood.....	..do.....	<sup>e</sup> 3.4	1.0	2.3	0.8
243203	Softwood plywood.....	Million sq. ft. (3/8" basis)....	(NA)	0.7	5.6	0.8
249930	Particleboard.....	Million sq. ft. (3/4" basis)....	(NA)	0.8	1.6	0.4
249960	Hard pressed wood fiberboard.....	Million sq. ft. (1/8" basis)....	(NA)	1.8	18.5	1.5
265011	Paperboard boxes and containers, including folding, corrugated, and setup boxes.....		(X)	6.9	(X)	5.8
285101	Paints, varnishes, lacquers, japans, and enamels.....	Million gals.....	2.7	9.2	2.2	6.6
307931	Plastic laminated sheets.....		(NA)	1.6	(X)	0.4
Mill shapes and forms (except castings):						
Carbon steel (including wrought iron):						
331012	Sheet and strip.....	1,000 short tons..	<sup>e</sup> 494.8	82.4	392.9	60.3
331019	All other carbon steel mill shapes and forms, including tubing.....	..do.....	(NA)	8.4	27.4	5.7
331020	Alloy steel mill shapes and forms, except stainless.....	1,000 short tons..	(NA)	1.6	7.3	1.1
331031	Stainless steel mill shapes and forms.....	1,000 short tons..	<sup>e</sup> 1.9	1.8	2.1	2.2
335208	Aluminum and aluminum-base alloy mill shapes and forms.....	Million lbs.....	(NA)	3.1	5.1	2.5
342901	Furniture and builders' hardware, including cabinet hardware, gliders, handles, hinges, locks, casters, etc.....		(X)	11.4	(X)	8.5
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	37.5	(X)	32.5
976000	Materials, components, parts, containers, and supplies, n.s.k....		(X)	22.4	(X)	20.5
INDUSTRY 2591.--VENETIAN BLINDS AND SHADES						
	Materials, parts, containers, and supplies, total.....		(X)	104.9	(X)	82.9
Mill shapes and forms:						
Carbon steel (including wrought iron):						
331012	Sheet and strip.....	1,000 short tons.	86.6	16.8	45.6	8.8
331019	All other carbon steel, including tubing.....	..do.....	(NA)	1.0	35.7	6.3
331025	Alloy steel, including stainless.....	..do.....	(NA)	2.0	(S)	0.6
Aluminum and aluminum-base alloy						
335202	Sheet, plate, and foil.....	Million lbs.....	<sup>e</sup> 10.3	3.9	5.6	2.6
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	..do.....	(NA)	3.5	2.0	1.5
335209	Wire, rolled rod, and bar, powder, welded tubing, extruded shapes, etc.).....	..do.....	(NA)	0.5	(S)	1.0
229506	Plastic-coated fabric and shade cloth.....	million lin. yds.	(NA)	9.3	11.9	6.5
970099	All other materials, components, parts, containers, and supplies consumed, n.e.c.....		(X)	50.0	(X)	36.3
976000	Materials, components, parts, containers, and supplies, n.s.k....		(X)	17.8	(X)	18.9
INDUSTRY 2599.--FURNITURE AND FIXTURES, N.E.C.						
	Materials, parts, containers, and supplies, total.....		(X)	71.5	(X)	48.6
229508	Coated or laminated fabric (for upholstery).....	Million lin. yds.	<sup>e</sup> 1.3	2.7	0.9	1.5
242101	Hardwood lumber, rough and dressed.....	Million bd. ft....	(NA)	4.4	7.7	2.4
242103	Softwood lumber, rough and dressed.....	..do.....	<sup>e</sup> 12.8	2.3	3.1	0.4
243250	Hardwood veneer.....	Million sq. ft. (surface measure)	<sup>e</sup> 1.2	0.8	5.0	1.9
243210	Hardwood plywood.....	..do.....	<sup>e</sup> 11.9	2.6		
243203	Softwood plywood.....	Million sq. ft. (3/8" basis)....	(NA)	2.2	9.0	1.5
249930	Particleboard.....	Million sq. ft. (3/4" basis)....	<sup>e</sup> 10.7	1.6	3.5	0.5
249960	Hard pressed wood fiberboard.....	Million sq. ft. (1/8" basis)....	(NA)	0.4	3.7	0.2
265011	Paperboard boxes and containers, including folding, corrugated, and setup boxes.....		(X)	1.1	(X)	0.5
285101	Paints, varnishes, lacquers, japans, and enamels.....	Million gals.....	(NA)	1.6	0.2	0.6
307931	Plastic laminated sheets.....		(X)	3.8	(X)	2.8

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2599.--FURNITURE AND FIXTURES, N.E.C.--Con.					
	Materials, parts, containers, and supplies--Con.					
	Mill shapes and forms (except castings):					
	Carbon steel (including wrought iron):					
331012	Sheet and strip.....	1,000 short tons.	<sup>e</sup> 31.5	5.1	13.6	2.3
331019	All other carbon steel mill shapes and forms, including tubing.....	...do.....	<sup>e</sup> 7.8	1.6	10.4	1.8
331020	Alloy steel mill shapes and forms, except stainless.....	...do.....	(NA)	0.3	(S)	0.1
331031	Stainless steel mill shapes and forms.....	...do.....	(NA)	4.5	1.8	2.0
335208	Aluminum and aluminum-base alloy mill shapes and forms.....	Million lbs.....	<sup>e</sup> 1.8	1.3	}	(S) 1.0
342901	Furniture and builder's hardware, including cabinet hardware, gliders, handles, hinges, locks, casters, etc.....	.....	(X)	3.4		
970099	All other materials, components, parts, containers, and supplies consumed.....	.....	(X)	18.9	(X)	14.5
976000	Materials, components, parts, containers, and supplies, n.s.k....	.....	(X)	12.9	(X)	14.6

Note: Detail figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: -Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error on the basis of a consistency review. (Z) Under \$50 thousand.

<sup>1</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2611.--PULPMILLS					
	Materials and supplies, total.....		(X)	362.0	(X)	278.7
	Pulpwood:					
	Softwood:					
	Bolts and logs:					
241101	Spruce and true fir.....	1,000 cords of 128 cu. ft.....				
241102	Hemlock.....	..do.....	945.6	23.2	492.4	12.3
241103	Jack pine.....	..do.....	1,317.1	27.2	1,649.4	31.6
241104	Southern pine.....	..do.....	(D)	(D)	3.6	(Z)
241105	Other softwoods (include Douglas fir).....	..do.....	2,634.9	61.5	2,323.0	47.6
			(S)	(S)	273.1	4.2
242157	Chips.....	..do.....	2,937.3	48.4	1,403.9	23.2
242015	Slabs, cores, and other mill waste.....	..do.....	(S)	(S)	281.1	3.4
	Hardwood:					
	Bolts and logs:					
241106	Northern mixed hardwoods.....	..do.....	(D)	(D)	170.9	4.2
241107	Poplar (aspen and popple).....	..do.....	(D)	(D)	18.2	(Z)
241108	Southern mixed hardwoods.....	..do.....	1,140.8	22.7	220.4	3.9
241119	Other hardwoods.....	..do.....	(S)	(S)	236.3	3.5
242013	Slabs, chips, cores, and other mill waste.....	..do.....	(S)	(S)	78.2	1.2
	Chemicals:					
147701	Sulfur.....	1,000 long tons..	160.4	6.5	149.6	4.0
281211	Chlorine.....	1,000 short tons..	302.3	18.1	229.4	15.2
281238	Sodium hydroxide (caustic soda)(100% NaOH).....	1,000 short tons..	131.1	21.8	348.0	17.4
281976	Sodium sulfate (including salt cake)(100% Na <sub>2</sub> SO <sub>4</sub> ).....	1,000 short tons..	156.5	4.7	207.5	4.6
281611	Titanium dioxide, composite and pure(100% TiO <sub>2</sub> ).....	1,000 lbs.....	(S)	(S)	222	(Z)
281961	Aluminum sulfate(17% Al <sub>2</sub> O <sub>3</sub> ).....	1,000 short tons..	(S)	(S)	14.9	0.6
289119	Rosin sizing.....	Million lbs.....	(S)	(S)	6.0	0.9
327401	Lime.....	1,000 short tons..	274.2	4.5	127.6	2.2
	Woodpulp:					
261102	Produced at affiliated or associated mills except your pulpmill at this location.....	1,000 short tons (air dry basis)..	(S)	(S)	11.0	1.3
261102	Own woodpulp, produced at the same location.....	..do.....	334.9	(X)	149.9	(X)
	Wastepaper:					
941111	Mixed.....	1,000 short tons..	(S)	(S)	-	-
941112	News.....	..do.....	(S)	(S)	6.5	(Z)
941113	Corrugated.....	..do.....	(S)	(S)	(D)	(D)
941114	High grade pulp substitutes.....	..do.....	(S)	(S)	(D)	(D)
941115	High grade deinking.....	..do.....	-	-	27.5	1.5
	Other materials:					
209131	Cotton linters.....	Million lbs.....	219.9	13.4	116.9	4.6
941259	Other fibrous materials, including rags, straw, and bagasse....	1,000 short tons..	(S)	(S)	3.8	0.5
145501	Kaolin and ball clay.....	..do.....	(S)	(S)	15.1	0.6
204609	Starch.....	Million lbs.....	19.9	1.7	(S)	1.0
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	82.7	(X)	70.7
970000	All other materials, components, parts, containers, and supplies, n.s.k.....		(X)	4.1	(X)	16.2

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963-Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2621.--PAPERMILLS, EXCEPT BUILDING PAPER					
	Materials and supplies, total.....		(X)	2,245.5	(X)	1,750.0
	Pulpwood:					
	Softwood:					
	Bolts and logs:					
241101	Spruce and true fir.....	1,000 cords of 128 cu. ft.....	2,386.8	73.9	2,474.0	70.9
241102	Hemlock.....	..do.....	869.8	21.5	955.6	25.4
241103	Jack pine.....	..do.....	742.3	19.1	705.8	16.3
241104	Southern pine.....	..do.....	6,038.4	130.4	5,002.8	101.9
241105	Other softwoods (include Douglas fir).....	..do.....	685.7	15.2	1,092.7	22.4
242157	Chips.....	..do.....	4,671.6	96.4	2,669.1	48.2
242015	Slabs, cores, and other mill waste.....	..do.....	162.1	1.4	284.5	3.9
	Hardwood:					
	Bolts and logs:					
241106	Northern mixed hardwoods.....	..do.....	1,804.0	37.2	1,322.5	26.9
241107	Poplar (aspen and popple).....	..do.....	1,316.2	33.3	1,194.3	24.5
241108	Southern mixed hardwoods.....	..do.....	1,769.5	32.9	(NA)	(NA)
241119	Other hardwoods.....	..do.....	228.6	4.7	405.2	7.8
242013	Slabs, chips, cores, and other mill waste.....	..do.....	721.3	15.5	306.7	5.9
081111	Cost of stumpage cut (timber, excluding land) for use in this establishment.....		(X)	4.4	(X)	(NA)
	Chemicals:					
147701	Sulfur.....	1,000 long tons..	250.4	10.0	243.7	6.9
281211	Chlorine.....	1,000 short tons..	475.6	28.1	394.3	28.2
281238	Sodium hydroxide (caustic soda) (100% NaOH).....	..do.....	365.3	20.4	270.2	17.0
281228	Sodium carbonate (soda ash) (98-100% Na <sub>2</sub> CO <sub>3</sub> ).....	..do.....	217.2	8.3	187.2	6.9
281976	Sodium sulfate (including salt cake) (100% Na <sub>2</sub> SO <sub>4</sub> ).....	..do.....	601.8	17.5	431.2	13.4
281611	Titanium dioxide, composite and pure (100% TiO <sub>2</sub> ).....	Million lbs.....	187.3	45.7	137.6	34.5
281961	Aluminum sulfate (17% Al <sub>2</sub> O <sub>3</sub> ).....	1,000 short tons..	314.0	14.2	242.3	10.1
289119	Rosin sizing.....	Million lbs.....	172.7	23.7	145.4	20.8
327401	Lime.....	1,000 short tons..	501.8	9.8	537.2	9.5
	Woodpulp:					
261102	Produced at affiliated or associated mills except your pulp-mill at this location.....	1,000 short tons (air dry basis).. ..do.....	2,523.5 13,308.2	309.6 (X)	1,973.1 10,323.8	226.0 (X)
261102	Own woodpulp, produced at the same location.....	..do.....	2,979.7	384.7	2,629.9	330.6
261104	Purchased (market) woodpulp.....	..do.....				
	Wastepaper:					
941111	Mixed.....	1,000 short tons..	540.8	33.0	386.7	22.3
941112	News.....	..do.....	(S)	(S)	(S)	(S)
941113	Corrugated.....	..do.....	102.2	3.6	79.4	2.6
941114	High grade pulp substitutes.....	..do.....	193.8	14.6	222.8	16.7
941115	High grade deinking.....	..do.....	353.9	16.4	401.6	19.7
	Other materials:					
209131	Cotton linters.....	Million lbs.....	37.5	6.0	32.4	3.8
261122	Linter pulp.....	1,000 short tons..	27.2	8.8	24.8	6.2
941259	Other fibrous materials, including rags, straw and bagasse.....	..do.....	150.5	30.6	183.2	27.3
145501	Kaolin and ball clay.....	..do.....	1,451.2	56.6	1,126.5	37.7
204609	Starch.....	Million lbs.....	990.0	70.2	661.4	49.8
970099	All other materials, and components, parts, containers, and supplies consumed.....		(X)	587.3	(X)	449.6
970000	All other materials, components, parts, containers, and supplies, n.s.k. <sup>1</sup> .....		(X)	57.5	(X)	54.1

See footnotes at end of table.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2631.--PAPERBOARD MILLS					
	Materials, parts and supplies, total.....		(X)	1,217.6	(X)	988.4
	Pulpwood:					
	Softwood bolts and logs:					
241101	Spruce and true fir.....	1,000 cords of				
		128 cu. ft.....	(D)	(D)	63.2	1.2
241102	Hemlock.....	..do.....	(D)	(D)	63.2	1.4
241103	Jack pine.....	..do.....	(D)	(D)	20.8	(S)
241104	Southern pine.....	..do.....	11,389.1	260.1	10,154.8	205.8
241105	Other softwoods (including Douglas fir).....	..do.....	(D)	(D)	292.5	3.5
242157	Chips.....	..do.....	6,211.6	115.0	3,916.4	56.0
242015	Slabs, cores, and other mill waste.....	..do.....	276.9	5.2	122.3	1.9
	Hardwood bolts and logs:					
241106	Northern mixed hardwoods.....	..do.....	359.5	6.1	215.4	3.3
241107	Poplar (aspen and popple).....	..do.....	298.4	5.4	438.5	4.8
241108	Southern mixed hardwoods.....	..do.....	3,257.2	59.0	457.0	7.2
241119	Other hardwoods.....	..do.....	252.0	4.7	451.7	6.6
242013	Slabs, chips, cores, and other mill waste.....	..do.....	738.8	13.9	393.3	5.5
081111	Cost of stumpage cut (timber, excluding land).....		(X)	(D)	(X)	(NA)
	Chemicals:					
147701	Sulfur.....	1,000 long tons..	(NA)	2.2	70.8	2.4
281211	Chlorine.....	1,000 short tons.	203.5	11.8	144.4	10.0
281238	Sodium hydroxide (caustic soda).....	1,000 short tons (100% NaOH).....	303.7	16.1	117.4	6.8
281228	Sodium carbonate (soda ash).....	1,000 short tons (98-100% Na <sub>2</sub> CO <sub>3</sub> )	163.1	6.2	172.9	6.7
281976	Sodium sulfate (including salt cake).....	1,000 short tons (100% Na <sub>2</sub> SO <sub>4</sub> )...	722.0	21.5	552.5	17.0
281611	Titanium dioxide, composite and pure.....	Million lbs. (100% TiO <sub>2</sub> ).....	16.6	4.5	16.0	4.1
281961	Aluminum sulfate.....	1,000 short tons (17% Al <sub>2</sub> O <sub>3</sub> ).....	212.6	9.0	225.3	8.7
289119	Rosin sizing.....	Million lbs.....	132.9	15.8	219.6	22.5
327401	Lime.....	1,000 short tons.	280.1	5.1	199.8	3.5
	Wood pulp:					
261102	Produced at affiliated or associated mills except your pulp mill at this location.....	1,000 short tons (air dry basis).	505.0	40.3	300.8	23.3
261102	Own wood pulp, produced at the same location.....	..do.....	11,701.1	(X)	11,307.6	(X)
261104	Purchased (market) wood pulp.....	..do.....	273.4	28.6	419.8	44.6
	Waste paper:					
941111	Mixed.....	1,000 short tons.	1,904.2	36.9	2,437.5	46.9
941112	News.....	..do.....	1,559.4	36.2	1,732.7	38.6
941113	Corrugated.....	..do.....	2,785.0	74.9	2,503.3	66.0
941114	High grade pulp substitutes.....	..do.....	720.8	39.1	774.6	51.5
941115	High grade deinking.....	..do.....	128.0	4.9	96.5	4.4
	Other materials:					
209131	Cotton linters.....	Million lbs.....	(D)	(D)	(D)	(D)
941259	Other fibrous materials, including rags straw and bagasse.....	1,000 short tons.	65.8	2.6	77.8	2.5
145501	Kaolin and ball clay.....	..do.....	115.4	4.6	103.2	4.1
204609	Starch.....	Million lbs.....	245.1	20.1	205.4	16.5
970099	All other materials, and components, parts, containers, and supplies consumed.....		(X)	291.6	(X)	262.9
970000	All other materials, components, parts, containers and supplies, n.s.k. <sup>1</sup> .....		(X)	57.0	(X)	48.1

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963-Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2661.--BUILDING PAPER AND BOARD MILLS					
	Materials and supplies, total.....		(X)	121.3	(X)	101.5
	Pulpwood:					
	Softwood bolts and logs:					
241101	Spruce and true fir.....	1,000 cords of				
		128 cu. ft.....	(S)	(S)	8.5	(S)
241102	Hemlock.....	do.....	(S)	(S)	-	-
241103	Jack pine.....	do.....	(S)	(S)	53.0	0.9
241104	Southern pine.....	do.....	297.8	5.9	318.3	5.6
241105	Other softwoods (including Douglas fir).....	do.....	(S)	(S)	70.4	1.0
242157	Chips.....	do.....	197.3	3.5	207.5	3.1
242015	Slabs, cores, and other mill waste.....	do.....	(S)	(S)	(D)	(D)
	Hardwood bolts and logs:					
241106	Northern mixed hardwoods.....	do.....	(S)	(S)	(D)	(D)
241107	Poplar (aspen and popple).....	do.....	(S)	(S)	(D)	(D)
241108	Southern mixed hardwoods.....	do.....	(S)	(S)	-	-
241119	Other hardwoods.....	do.....	(S)	(S)	78.8	1.2
242013	Slabs, chips, cores, and other mill waste.....	do.....	(S)	(S)	28.0	(S)
	Chemicals:					
281238	Sodium hydroxide (caustic soda).....	1,000 short tons (100% NaOH).....	(S)	(S)	(D)	(D)
281228	Sodium carbonate (soda ash).....	1,000 short tons (98-100% Na <sub>2</sub> CO <sub>3</sub> ).....	(S)	(S)	(D)	(D)
281976	Sodium sulfate (including salt cake).....	1,000 short tons (100% Na <sub>2</sub> SO <sub>4</sub> )....	(S)	(S)	-	-
281611	Titanium dioxide, composite and pure.....	Million lbs. (100% TiO <sub>2</sub> ).....	(S)	(S)	1.8	0.6
281961	Aluminum sulfate.....	1,000 short tons (17% Al <sub>2</sub> O <sub>3</sub> ).....	(S)	(S)	10.9	(S)
289119	Rosin sizing.....	Million lbs.....	(S)	(S)	8.7	(S)
327401	Lime.....	1,000 short tons.	(S)	(S)	(D)	(D)
	Woodpulp:					
261102	Produced at affiliated or associated mills except your pulpmill at this location.....	1,000 short tons (air dry basis).	(S)	(S)	14.7	0.5
261102	Own woodpulp, produced at the same location.....	do.....	920.1	(X)	1,130.5	(X)
261104	Purchased (market) woodpulp.....	do.....	(S)	3.2	31.7	3.1
	Waste paper:					
941111	Mixed.....	1,000 short tons.	438.6	6.9	524.2	7.8
941112	News.....	do.....	178.3	3.7	114.9	1.4
941113	Corrugated.....	do.....	111.3	2.6	99.8	2.2
941114	High grade pulp substitutes.....	do.....	(S)	(S)	(D)	(D)
941115	High grade deinking.....	do.....	(S)	(S)	-	-
	Other materials:					
209131	Cotton linters.....	Million lbs.....	(S)	(S)	(D)	(D)
261122	Linter pulp.....	1,000 short tons.	(S)	(S)	(D)	(D)
941259	Other fibrous materials, including rags, straw and bagasse.....	do.....	343.0	6.6	338.5	6.8
149901	Asbestos.....	do.....	99.8	10.0	90.1	9.6
145501	Kaolin and ball clay.....	do.....	(S)	(S)	11.7	(S)
204609	Starch.....	Million lbs.....	57.2	3.0	48.7	2.5
970099	All other materials, and components, parts, containers, and supplies consumed.....		(X)	70.6	(X)	40.5
970000	All other materials, components, parts, containers, and supplies, n.s.k. <sup>1</sup> .....		(X)	5.1	(X)	9.0

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of consistency review. (Z) Under \$50 thousand.

<sup>1</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 2641.--PAPER COATING AND GLAZING						
	Materials, parts, and supplies, total.....	.....	(X)	789.7	(X)	677.4
	Paper:					
262105	Own paper, produced at this location or at other affiliated or associated mills.....	1,000 short tons.	469.8	123.9	544.0	142.0
262106	Purchased (market) paper.....	...do.....	638.4	181.2	548.5	148.1
	Paperboard:					
263102	Own paperboard, produced at this location or at other affiliated or associated mills.....	...do.....	<sup>e</sup> 96.6	18.9	54.0	8.0
263103	Purchased (market) paperboard.....	...do.....	<sup>e</sup> 106.8	19.6	371.1	73.9
289111	Glues and adhesives.....	Million lbs.....	<sup>e</sup> 256.9	42.0	178.1	21.5
282130	Thermoplastic resins including modified resins (including resin content of vinyls and dry basis for cellulose, polyethylenes, polypropylenes, styrenes, etc. Including granules, pellets, powder, liquid, etc., but exclude sheets, rods tubes, and other shapes).....	...do.....	173.7	42.4	142.3	26.5
289301	Printing ink (complete formulations).....	...do.....	25.6	14.6	18.9	10.4
291106	Petroleum wax.....	...do.....	143.5	12.4	171.4	15.3
282103	Cellulosic plastics, sheet and rolls, and cellophane.....	...do.....	<sup>e</sup> 23.8	16.3	26.2	13.5
307916	Unsupported plastics film, sheets and sheeting, except cellulosic.....	...do.....	<sup>e</sup> 110.0	43.9	(NA)	21.9
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	189.3	(X)	202.0
972000	Materials not specified <sup>1</sup> .....	.....	(X)	85.2	(X)	-
INDUSTRY 2642.--ENVELOPES						
	Materials, parts, and supplies, total.....	.....	(X)	200.1	(X)	154.8
	Paper:					
262105	Own paper produced at this location or at affiliated or associated mills.....	1,000 short tons.	61.4	16.3	35.5	9.3
262106	Purchased (market) paper.....	...do.....	496.3	130.8	<sup>1</sup> 420.0	<sup>1</sup> 104.4
	Paperboard:					
263103	Purchased (market) paperboard.....	...do.....	<sup>2</sup> 19.8	<sup>2</sup> 3.2	(X)	(X)
289111	Glues and adhesives.....	Million lbs.....	37.9	8.2	29.9	5.8
307911	Unsupported plastic film and sheeting excluding packaging material.....	...do.....	6.8	3.5	9.9	5.7
972000	Materials not specified <sup>1</sup> .....	.....	(X)	8.7	(X)	(X)
970099	All other materials and component parts, containers, and supplies .....	.....	(X)	29.3	(X)	29.6
INDUSTRY 2643.--BAGS, EXCEPT TEXTILE BAGS						
	Materials, parts, and supplies, total.....	.....	(X)	767.2	(X)	635.8
	Paper:					
262105	Own paper, produced at this location or at other affiliated or associated mills.....	1,000 short tons.	1,540.7	199.7	1,235.8	181.1
262106	Purchased (market) paper.....	...do.....	1,189.9	203.9	1,210.3	211.9
	Paperboard:					
263102	Own paperboard, produced at this location or at other affiliated or associated mills.....	...do.....	13.4	1.4	14.7	1.6
263103	Purchased (market) paperboard.....	...do.....	44.0	6.8	11.5	1.7
289111	Glues and adhesives.....	Million lbs.....	<sup>e</sup> 110.0	12.6	95.6	11.1
282130	Thermoplastic resins including modified resins (including resin content of vinyls and dry basis for cellulose, polyethylenes, polypropylenes, styrenes, etc. Includes granules, pellets, powder, liquid, etc., but excludes sheets, rods, tubes, and other shapes).....	...do.....	299.0	48.2	186.1	34.6
289301	Printing ink (complete formulations).....	...do.....	36.5	23.4	25.7	16.9
282103	Cellulosic plastics, sheet and rolls, and cellophane.....	...do.....	<sup>e</sup> 66.2	35.9	51.3	25.8
307916	Unsupported plastics film, sheets and sheeting, except cellulosic.....	...do.....	249.6	70.7	195.4	38.3
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	100.9	(X)	112.4
972000	Materials not specified <sup>1</sup> .....	.....	(X)	63.7	(X)	-

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 2644.--WALLPAPER						
	Materials, parts, and supplies, total.....		(X)	19.4	(X)	13.7
	Paper:					
262105	Own paper, produced at this location or at other affiliated or associated mills.....	1,000 short tons.	18.0	5.3	7.0	2.1
262106	Purchased (market) paper.....	...do.....			30.5	6.1
263103	Paperboard; purchased (market) paperboard.....		(D)	(D)	(D)	(D)
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	36.9	(X)	35.5
972000	Materials not specified <sup>1</sup> .....		(X)	7.2	(X)	(X)
INDUSTRY 2645.--DIE-CUT PAPER AND BOARD						
	Materials, parts, and supplies, total.....		(X)	306.0	(X)	187.0
	Paper:					
262105	Own paper produced at this location or at affiliated or associated mills.....	1,000 short tons.	41.0	9.9	37.7	7.0
262106	Purchased (market) paper.....	...do.....	348.0	77.6	288.1	66.9
	Paperboard:					
263102	Own paperboard, produced at this location or at affiliated or associated mills.....	...do.....	404.1	60.9	(S)	(S)
263103	Purchased (market) paperboard.....	...do.....	378.8	70.9	311.0	61.1
289111	Glues and adhesives.....	Million lbs.....	13.3	2.6	(NA)	(NA)
307911	Unsupported plastic film and sheeting, excluding packaging material.....	...do.....	5.5	2.4	(NA)	(NA)
261101	Woodpulp (used in making pressed and molded pulp products).....	1,000 short tons.	5.7	1.2	3.9	0.7
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	48.9	(X)	43.7
972000	Materials not specified <sup>1</sup> .....		(X)	31.6	(X)	(X)
INDUSTRY 2646.--PRESSED AND MOLDED PULP GOODS						
	Materials, parts, and supplies, total.....		(X)	40.1	(X)	34.0
	Paper:					
262105	Own paper, produced at this location or at other affiliated or associated mills.....	1,000 short tons.	-	-	-	-
262106	Purchased (market) paper.....	...do.....	(NA)	(NA)	0.7	(S)
	Paperboard:					
263102	Own paperboard, produced at this location or at other affiliated or associated mills.....	...do.....	(NA)	(NA)	4.6	0.5
263103	Purchased (market) paperboard.....	...do.....	(NA)	(NA)	7.0	1.3
261101	Woodpulp (used in making pressed and molded pulp products).....	...do.....	194.5	12.6	137.5	8.7
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	22.8	(X)	23.2
972000	Materials not specified <sup>1</sup> .....		(X)	4.7	(X)	(X)
INDUSTRY 2647.--SANITARY PAPER PRODUCTS						
	Materials, parts, and supplies, total.....		(X)	728.7	(X)	600.0
	Paper:					
262105	Own paper, produced at this location or at other affiliated or associated mills.....	1,000 s. tons....	2,423.2	476.8	2,168.1	424.0
262106	Purchased (market) paper.....	...do.....	211.9	53.5	120.6	29.6
263103	Purchased (market) paperboard.....	...do.....	27.3	5.9	49.4	9.9
282103	Cellulosic plastics, sheet and rolls, and cellophane.....	...do.....	5.7	3.7	(NA)	(NA)
307916	Unsupported plastics film, sheets and sheeting, except cellulosic	...do.....	6.5	3.2	5.1	3.1
972000	Materials not specified <sup>1</sup> .....		(X)	29.4	(X)	(X)
970099	All other materials and components, parts, containers, and supplies consumed .....		(X)	156.2	(X)	133.4

See footnotes at end of table.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2649.--CONVERTED PAPER PRODUCTS, N.E.C.					
	Materials and supplies, total.....		(X)	315.7	(X)	253.3
	Paper:					
262105	Own paper, produced at this location or at other affiliated or associated mills.....	1000 short tons.	89.5	16.6	34.1	9.9
262106	Purchased (market) paper.....	...do.....	602.4	148.6	486.8	117.1
	Paperboard:					
263102	Own paperboard, produced at this location or at other affiliated or associated mills.....	...do.....	68.7	7.3	60.8	7.6
263103	Purchased (market) paperboard.....	...do.....	113.5	18.9	78.1	13.2
289111	Glues and adhesives.....	Million lbs....	25.2	4.7	13.1	2.4
289301	Printing ink (complete formulations).....	...do.....	7.7	5.3	6.7	4.5
282103	Cellulosic plastics, sheet, and rolls, and cellophane.....	...do.....	6.7	2.4	5.2	2.0
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	94.9	(X)	96.7
972000	Materials not specified <sup>1</sup> .....		(X)	17.0	(X)	(X)

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. <sup>2</sup>From 10 to 30 percent of this figure was estimated. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

<sup>1</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

<sup>2</sup>Includes an insignificant amount of "Own paperboard" in order to avoid disclosing figures for individual companies.

<sup>3</sup>Contains an insignificant amount of "purchased (market) paperboard" combined here to avoid disclosing figures of individual companies.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2655.--FIBER CANS, DRUMS, AND RELATED MATERIAL					
	Materials, and supplies, total.....		(X)	195.0	(X)	128.9
	Paper:					
262105	Own paper, produced at this location or at other affiliated or associated mills.....	1,000 short tons	59.6	7.7	10.0	1.2
262106	Purchased (market) paper.....	...do.....	70.5	11.9	43.5	7.1
	Paperboard:					
263102	Own paperboard, produced at this location or at other affiliated or associated mills.....	...do.....	302.3	26.1	230.6	19.8
263103	Purchased (market) paperboard.....	...do.....	231.5	27.1	246.8	28.9
335231	Aluminum foil.....	Million lbs....	(NA)	5.4	13.2	6.5
335203	Aluminum sheet and plate.....	...do.....	16.9	6.5	12.4	5.4
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	103.1	(X)	59.5
976000	Materials and supplies, n.s.k. <sup>1</sup> .....		(X)	7.1	-	-

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: -Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 2711.--NEWSPAPERS						
	Materials and supplies, total.....		(X)	1,438.2	(X)	1,162.2
262111	Newsprint.....	1,000 Short tons.	7,870.4	1,094.7	6,616.3	889.3
262131	Coated papers.....	...do.....	44.8	8.9	90.1	22.8
262101	All other paper.....	...do.....	61.1	17.0		
289301	Printing inks, complete formulations.....	million lbs.....	341.7	25.6	257.1	19.9
976000	Materials, containers, supplies, n.s.k <sup>1</sup> .....		(X)	142.9	(X)	103.2
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	149.1	(X)	127.0
289301	Consumption of printing inks, complete formulations, produced and consumed in this industry.....	million lbs.....	76.7	(X)	63.1	(X)
INDUSTRY 2721.--PERIODICALS						
	Materials and supplies, total.....		1,488.0	510.3	1,230.5	358.9
262111	Newsprint.....	1,000 short tons.	185.8	29.0	159.9	23.3
262131	Coated paper, all types.....	...do.....	1,161.5	286.5	882.8	190.8
262102	Uncoated papers.....	...do.....	145.4	33.1	138.6	31.0
262150	Bristol, cover, text, and other specialty papers uncoated.....	...do.....	(NA)	5.4	22.3	5.7
	Printing inks:					
289303	Letterpress, including news.....	Million lbs.....	(S)	18.2	25.1	13.1
289304	Lithographic.....	...do.....				
289309	Other, including gravure, flexographic, and screen process.....	...do.....				
976000	Materials, containers, supplies, n.s.k <sup>1</sup> .....		(X)	59.4	(X)	39.8
970099	All other materials, containers and supplies consumed including ink, metals, type, paper used for wrapping printed products, etc.....		(X)	78.7	(X)	55.2
289301	Consumption of printing inks, complete formulations, produced and consumed in this industry.....	Million lbs.....	5.2	(X)	1.8	(X)
INDUSTRY 2731.--BOOK PUBLISHING						
	Materials and supplies, total.....		(X)	252.4	(X)	196.8
262111	Newsprint.....	1,000 short tons..	41.6	7.6	28.8	5.6
262131	Coated paper, all types.....	...do.....	167.6	57.8	158.9	45.0
262102	Uncoated papers.....	...do.....	213.8	72.6	217.4	62.5
262150	Bristol, cover, text, and other specialty papers uncoated.....	...do.....	39.6	14.2	28.4	10.2
289301	Printing inks.....	Million lbs.....	3.5	3.5	1.7	2.7
386151	Unexposed lithographic plates and metal for lithographic plates..		(X)	2.9	(X)	(X)
976000	Materials, containers, supplies, n.s.k <sup>1</sup> .....		(X)	49.4	(X)	21.8
970099	All other materials, containers and supplies consumed including ink, metals, type, paper used for wrapping printed products, etc.....		(X)	44.4	(X)	49.2
INDUSTRY 2732.--BOOK PRINTING						
	Materials, containers, and supplies, total.....		(X)	224.4	(X)	155.6
262112	Newsprint.....		(X)	5.4	(X)	4.4
262131	Coated papers.....		(X)	24.2	173.9	61.4
262101	All other paper.....		(X)	62.9		
263105	Paperboard (exclude that used for shipping).....		(X)	6.9	(X)	5.4
	Printing inks:					
289303	Letterpress, including news.....	million lbs.....	(S)	4.6	8.8	8.4
289304	Lithographic.....	...do.....	5.6	6.5		
289309	Other, including gravure, flexographic and screen process.....	...do.....	(S)	0.4		
386151	Unexposed lithographic plates and metal for lithographic plates..		(X)	4.9	(NA)	(NA)
386101	Light sensitive films and papers.....		(X)	6.0	(NA)	(NA)
970099	All other materials and components, parts, containers, and supplies consumed; including metal type etc.....		(X)	76.9	(X)	53.6
976000	Materials, containers, supplies, n.s.k. <sup>1</sup> .....		(X)	25.8	(X)	22.5

See footnotes at end of table.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2741.--MISCELLANEOUS PUBLISHING					
	Materials, containers, and supplies, total.....		(X)	79.5	(X)	53.6
262111	Newsprint.....	1,000 short tons.	<sup>e</sup> 37.9	5.4	25.3	3.7
262131	Coated paper, all types.....	...do.....	<sup>e</sup> 17.5	6.7	12.6	4.1
262102	Uncoated paper (groundwood, book, bond, writing, ledger, and manifold).....	...do.....	20.7	8.0	21.2	7.7
262150	Bristol, cover, text, and other specialty paper uncoated.....	...do.....	<sup>e</sup> 6.6	2.4	3.1	1.2
976000	Materials, containers, supplies, n.s.k. <sup>1</sup> .....		(X)	27.2	(X)	23.3
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	29.8	(X)	13.3

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. <sup>e</sup>From 10 to 30 percent of this figure was estimated. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or in the basis of a consistency review.

<sup>1</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967 this includes estimates for companies that were not mailed report forms.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 2751.--COMMERCIAL PRINTING, EXCEPT LITHOGRAPHIC						
	Materials, parts, and supplies, total.....		(X)	1,102.5	(X)	912.4
262112	Newsprint.....		(X)	76.6	(X)	68.0
262131	Coated papers.....		(X)	144.6	(X)	354.9
262101	All other paper.....		(X)	211.5		
263105	Paperboard (excluding that used for shipping).....		(X)	11.4	(X)	14.9
Printing inks:						
289303	Letterpress, including news.....	Million lbs.....	91.4	46.1	160.1	64.9
289304	Lithographic.....	do.....	4.2	6.6		
289309	Other including gravure, flexographic, and screen process.....	do.....	136.5	31.5		
386151	Unexposed lithographic plates and metal for lithographic plates..	do.....	(X)	4.9	(X)	(NA)
386101	Light sensitive films and papers.....		(X)	6.6	(X)	(NA)
386181	Photographic developers and chemicals used in plate preparation..		(X)	2.9	(X)	(NA)
976000	Materials, n.s.k. <sup>1</sup> .....		(X)	278.1	(X)	235.5
970099	All other materials and components, parts, containers, and supplies consumed; including metal type, etc.....		(X)	281.7	(X)	174.2
INDUSTRY 2752.--COMMERCIAL PRINTING, LITHOGRAPHIC						
	Materials, parts, and supplies, total.....		(X)	1,009.8	(X)	673.7
262112	Newsprint.....		(NA)	37.0	(NA)	14.7
262131	Coated papers.....		(NA)	191.9	(NA)	(NA)
262101	All other paper.....		(NA)	269.3	(NA)	350.9
263105	Paperboard (excluding that used for shipping).....		(NA)	10.2	(NA)	8.2
Printing inks:						
289303	Letterpress, including news.....	Million lbs.....	(S)	16.9	22.5	31.5
289304	Lithographic.....	do.....	22.7	36.2		
289309	Other, including gravure, flexographic, and screen process.....	do.....	(S)	2.0		
386151	Unexposed lithographic plates and metal for lithographic plates..		(X)	30.1	(NA)	(NA)
386101	Light sensitive films and papers.....		(X)	18.9	(NA)	(NA)
386181	Photographic developers and chemicals used in plate preparation..		(X)	9.5	(NA)	(NA)
395500	One-time carbon paper; purchased or withdrawn from previous year's inventory by the printer.....	do.....	5.4	3.7	3.6	2.7
262163	Carbonless paper.....	do.....	5.8	3.8	(NA)	(NA)
395500	One-time carbon paper, produced and consumed in this industry..	do.....	2.4	(X)	(S)	(X)
976000	Materials, n.s.k. <sup>1</sup> .....		(NA)	186.1	(NA)	119.9
970099	All other materials and components, parts, containers, and supplies consumed; including metal type, etc.....		(X)	194.2	(X)	145.8
Material			1967		1963	
			Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)
INDUSTRY 2753.--ENGRAVING AND PLATE PRINTING						
	Materials, parts, and supplies, total.....		(X)	32.3	(X)	25.4
262101	Paper, all types.....		(X)	10.9	(NA)	9.6
263105	Paperboard (excluding that used for shipping).....		(X)	(S)	(NA)	(S)
Printing inks.....						
976000	Materials, n.s.k. <sup>1</sup> .....		(S)	(S)	0.6	0.5
970099	All other materials and components, parts, containers, and supplies consumed; including metal type, etc.....		(X)	11.3	(X)	10.0
			(X)	10.1	(X)	5.3

See footnotes at end of table.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2761.--MANIFOLD BUSINESS FORMS					
	Materials, containers, and supplies, total.....		(X)	348.9	(X)	232.9
262112	Newsprint.....		(NA)	5.2	(NA)	4.1
262131	Coated papers.....		(NA)	16.8	(NA)	(NA)
262101	All other paper.....		(NA)	184.5	(NA)	140.7
263105	Paperboard.....		(NA)	1.0	(NA)	2.0
289301	Printing inks.....		(S)	4.4	4.1	3.5
262164	Carbonizing tissue stock for conversion by the printer into one-time carbon paper.....	1,000 short tons.	74.4	31.0	46.4	21.1
395500	One-time carbon paper, purchased or withdrawn from previous year's inventory by the printer.....	...do.....	62.0	35.9	36.6	23.0
262163	Carbonless paper.....	...do.....	21.7	14.3	(NA)	(NA)
	Consumption of one-time carbon paper and printing inks produced and consumed in this industry:					
395500	One-time carbon paper, produced and consumed in this industry..	...do.....	66.7	(X)	41.6	(X)
289301	Printing inks, complete formulations.....	Million lbs.....	(S)	(X)	1.3	(X)
976000	Materials, n.s.k. <sup>1</sup> .....		(X)	8.5	(X)	10.2
970099	All other materials and components, parts, containers, and supplies consumed; including metal type, etc.....		(X)	47.1	(X)	30.2

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: -Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

<sup>1</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	1967		1963	
		Total quantity of paper consumed (1,000 short tons)	Delivered cost (million dollars)	Total quantity of paper consumed (1,000 short tons)	Delivered cost (million dollars)
	INDUSTRY 2771.--GREETING CARD PUBLISHING				
	Materials, parts, and supplies, total.....	(X)	120.3	(X)	89.4
262131	Coated paper, all types.....	26.5	11.1	25.7	9.1
262102	Uncoated papers (groundwood, book, bond, writing, ledger, and manifold).....	70.2	25.3	46.9	15.8
262150	Bristols, cover, text, and other specialty paper uncoated.....	8.0	3.5	10.8	4.0
264200	Purchased envelopes (quantity in millions of envelopes).....	4,274.1	10.9	3,211.1	8.1
976000	Materials not specified.....	(X)	11.4	(X)	15.5
970099	All other materials and components, parts, containers, and supplies consumed.....	(X)	58.1	(X)	36.8

Code	Material	Delivered cost (million dollars)	
		1967	1963
	INDUSTRY 2782.--BLANKBOOKS AND LOOSELEAF BINDERS		
	Materials, parts, and supplies, total.....	127.0	87.6
262100	Paper (newsprint, book, bond, cover, coated, tissue, groundwood, ledger, writing, file folder, and tag stock).....	35.7	33.4
263105	Paperboard, excluding that used for shipping.....	16.1	7.5
229507	Coated or impregnated woven and nonwoven fabric, except rubberized.....	6.7	8.5
307918	Plastic film or sheeting.....	8.4	
331094	Steel, strip, and wire.....	9.9	
970099	All other materials and components, parts, containers, and supplies consumed including ink, metals, type, etc.....	36.4	33.1
972000	Materials not specified.....	13.8	5.1
	INDUSTRY 2789--BOOKBINDING AND RELATED WORK		
	Materials, parts, and supplies, total.....	66.5	46.4
262100	Paper (newsprint, book, bond, cover, coated, tissue, groundwoods, ledger, writing, file folder, and tag stock).....	10.2	6.0
263105	Paperboard excluding that used for shipping.....	6.5	3.6
229507	Coated or impregnated woven and nonwoven fabric, except rubberized.....	7.1	5.9
976000	Materials not specified.....	18.1	14.5
970099	All other materials and components, parts, containers, and supplies consumed including ink, metals type, etc.....	24.6	16.3

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. From 10 to 30 percent of this figure was estimated. (Z) Under \$50 thousand.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Basis	Unit of measure	1967				1963			
				Total consumption of materials (quantity)	Consumption of materials received from other establishments		Materials made and consumed in same plant (quantity)	Total consumption of materials (quantity)	Consumption of materials received from other establishments		Materials made and consumed in same plant (quantity)
					Quantity	Delivered cost (million dollars)			Quantity	Delivered cost (million dollars)	
	INDUSTRY 2812.—ALKALIES AND CHLORINE										
	Materials, containers, and supplies, total.....			(X)	(X)	185.1	(X)	(X)	(X)	159.3	(X)
	Inorganic chemicals:										
	Acids, except spent acids:										
281944	Hydrochloric acid.....	100% HCl..	1,000 short tons.....	99.3	(NA)	(NA)	(NA)	44.6	2.6	0.2	42.0
281931	Sulfuric acid.....	100% H <sub>2</sub> SO <sub>4</sub>	...do.....	(NA)	(NA)	(NA)	-	36.1	36.1	0.8	-
281912	Ammonia, synthetic, anhydrous...	100% NH <sub>3</sub> ..	...do.....	24.7	(D)	(D)	(D)	21.4	19.1	1.9	2.3
281211	Chlorine.....	100% Cl...	...do.....	493.8	(D)	(D)	(D)	624.4	(D)	(D)	(D)
281228	Sodium carbonate (soda ash).....	58% Na <sub>2</sub> O..	...do.....	364.3	(NA)	(NA)	(NA)	599.0	30.5	1.0	568.5
281238	Sodium hydroxide (caustic soda)...	100% NaOH.	...do.....	349.7	(D)	(D)	(D)	159.8	(D)	(D)	(D)
	Organic chemicals:										
281552	Benzol (benzene).....	100% C <sub>6</sub> H <sub>6</sub> .	Million lbs.	52.5	52.5	2.3	-	65.2	65.2	2.9	-
	Used as raw materials:										
331210	Coke, including breeze.....		1,000 short tons.....	318.0	318.0	6.3	-	243.3	243.3	4.2	-
131302	Natural gas.....		Mil. cu. ft.	5,888	5,888	1.4	-	7,392	7,392	1.1	-
970099	All other materials and com-ponents, containers, and supplies			(X)	(X)	167.2	(X)	(X)	(X)	145.8	(X)
976000	Materials, containers, supplies, n.s.k. <sup>1</sup> .....			(X)	(X)	7.9	(X)	(X)	(X)	<sup>1</sup> 1.2	(X)
	INDUSTRY 2815.—CYCLIC INTERMEDIATES AND CRUDES										
	Materials, containers, and supplies, total.....			(X)	(X)	751.3	(X)	(X)	(X)	544.3	(X)
	Inorganic chemicals:										
	Acids, except spent acids:										
281944	Hydrochloric acid.....	100% HCl..	1,000 short tons.....	(NA)	(NA)	(NA)	(NA)	79.5	57.6	3.8	21.9
281911	Nitric acid.....	100% HNO <sub>3</sub> .	...do.....	288.7	65.7	4.2	223.0	271.3	46.0	3.1	225.4
281931	Sulfuric acid.....	100% H <sub>2</sub> SO <sub>4</sub>	...do.....	477.1	193.6	6.8	283.5	602.4	266.8	6.0	335.7
281912	Ammonia synthetic anhydrous.....	100% NH <sub>3</sub> ..	...do.....	130.8	60.8	3.5	70.0	126.7	56.0	3.9	70.7
281211	Chlorine.....	100% Cl...	...do.....	324.1	210.8	10.9	113.4	242.3	(D)	(D)	(D)
281228	Sodium carbonate (ash soda).....	58% Na <sub>2</sub> O..	...do.....	(NA)	(NA)	(NA)	(NA)	43.9	43.9	1.8	-
281238	Sodium hydroxide (caustic soda)...	100% NaOH.	...do.....	248.3	158.9	8.9	89.4	266.5	182.9	10.7	83.6
	Organic chemicals:										
281852	Alcohol, ethyl (pure and denatured).....			(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	0.6	-
281820	Other alcohols, including amyl, butyl, methyl and propyl.....		Million gals.	86.0	86.0	10.4	-	(NA)	(NA)	11.0	(NA)
281511	Aniline.....	100%.....	Million lbs.	54.2	54.2	6.5	-	22.5	22.5	3.4	-
281552	Benzol (benzene).....	100% C <sub>6</sub> H <sub>6</sub> .	...do.....	1,584.5	1,576.3	48.8	8.3	1,200.4	1,163.1	38.0	37.4
281823	Formaldehyde.....	37% HCHO..	...do.....	(NA)	(NA)	(NA)	(NA)	13.5	13.5	0.5	-
	Liquefied petroleum and refinery gases for chemical feedstocks:										
291165	Ethylene.....		...do.....	(D)	(D)	(D)	(D)	647.3	550.2	22.8	97.1
291166	Propylene.....		...do.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	0.7	-
291169	Other.....		...do.....	(NA)	(NA)	19.4	(NA)	(NA)	(NA)	11.0	(NA)
281555	Naphthalene grades of 77.5°C or higher.....		Million lbs.	245.3	(D)	(D)	(D)	134.1	68.9	4.3	65.2
281512	Nitrobenzene.....	100%.....	...do.....	213.4	8.9	0.7	204.6	212.2	4.7	0.4	207.5
281513	Phenol.....	100%.....	...do.....	71.6	20.4	2.0	51.2	48.4	15.9	1.9	32.5
281514	Phthalic anhydride.....	100%.....	...do.....	51.3	18.9	2.3	32.4	30.4	16.0	1.7	14.4
281553	Tar, crude.....		1,000 short tons.....	1,236.0	1,236.0	28.4	-	1,315.1	1,315.1	29.9	-
	Crude materials:										
147701	Sulfur.....		1,000 Long tons.....	180.0	180.0	6.5	-	196.5	196.5	4.5	-
333348	Zinc and zinc-base alloy refinery shapes.....		1,000 short tons.....	(NA)	(NA)	(NA)	(NA)	1.7	1.7	0.6	-

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Basis	Unit of measure	1967				1963			
				Total consumption of materials (quantity)	Consumption of materials received from other establishments		Materials made and consumed in same plant (quantity)	Total consumption of materials (quantity)	Consumption of materials received from other establishments		Materials made and consumed in same plant (quantity)
					Quantity	Delivered cost (million dollars)			Quantity	Delivered cost (million dollars)	
291101	Used as raw materials: Fuel oil.....		1,000 bbls. (42 gal.).	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	0.2	-
131302	Natural gas.....		Mil. cu. ft.	(NA)	(NA)	7.4	(NA)	(NA)	(NA)	7.4	-
970099	All other materials and components, parts, containers, and supplies consumed.....			(X)	(X)	501.4	(X)	(X)	(X)	358.1	(X)
976000	Materials, containers, and supplies, n.s.k. <sup>1</sup> .....			(X)	(X)	83.2	(X)	(X)	(X)	18.0	(X)
	INDUSTRY 2818.—INDUSTRIAL ORGANIC CHEMICALS, N.E.C.										
	Materials, containers, and supplies, total.....			(X)	(X)	2,398.1	(X)	(X)	(X)	1,764.9	(X)
	Inorganic chemicals:										
	Acids, except spent acids:										
281944	Hydrochloric acid.....	100% HCl..	1,000 short tons.....	(S)	(S)	13.8	(S)	438.7	149.2	6.7	289.5
281946	Hydrofluoric acid.....	100% HF...	...do.....	92.4	60.3	16.5	32.1	60.2	33.5	8.8	26.7
281911	Nitric acid.....	100% HNO <sub>3</sub> ...	...do.....	(S)	(S)	14.1	(S)	447.6	91.0	7.0	356.7
281948	Phosphoric acid.....	100% P <sub>2</sub> O <sub>5</sub> ...	...do.....	(NA)	(NA)	(Z)	(NA)	5.2	5.2	0.8	-
281931	Sulfuric acid.....	100% H <sub>2</sub> SO <sub>4</sub> ...	...do.....	1,702.0	1,112.6	24.1	589.5	1,502.4	948.9	19.4	553.5
281912	Ammonia, synthetic, anhydrous...	100% NH <sub>3</sub> ...	...do.....	1,203.7	510.2	23.8	693.5	755.6	379.2	25.8	376.3
281211	Chlorine.....	100% Cl <sub>2</sub> ...	...do.....	4,594.6	1,505.4	71.9	3,089.2	2,940.8	1,115.2	64.9	1,825.6
281996	Phosphorus, elemental.....	Technical...	...do.....	17.3	10.5	3.2	6.8	3.1	3.1	1.0	-
281228	Sodium carbonate (soda ash).....	58% Na <sub>2</sub> O...	...do.....	56.5	48.0	2.0	8.5	43.8	40.4	1.7	3.4
281238	Sodium hydroxide (caustic soda)...	100% NaOH...	...do.....	(S)	613.7	27.8	(S)	1,345.0	463.8	22.0	881.1
	Organic chemicals:										
281852	Alcohol, ethyl (pure and denatured).....			(X)	(X)	41.4	(X)	(NA)	(NA)	37.8	-
281820	Other alcohols, including amyl, butyl, methyl, and propyl.....		Million gals.	(NA)	(NA)	88.2	(NA)	431.5	176.3	55.9	255.2
281511	Aniline.....	100%...	Million lbs.	79.5	79.5	9.5	-	56.8	56.8	8.1	-
281552	Benzol (benzene).....	100% C <sub>6</sub> H <sub>6</sub> ...	...do.....	1,225.7	(D)	( <sup>2</sup> )	(D)	1,209.1	1,024.3	34.3	184.8
281823	Formaldehyde.....	37% HCHO...	...do.....	1,238.8	102.2	3.0	1,136.7	1,052.2	111.4	3.2	940.8
	Liquefied petroleum and refinery gases for chemical feedstocks:										
291165	Ethylene.....		...do.....	7,208.8	2,547.5	97.9	4,661.3	4,512.3	1,075.3	51.7	3,437.0
291164	Propane.....		...do.....	320.2	320.2	35.2	-	(NA)	(NA)	26.4	(NA)
291166	Propylene.....		Million lbs.	2,604.4	1,841.3	41.0	763.2	1,554.1	1,276.2	26.0	277.9
291169	Other, including mixtures.....		...do.....	(NA)	(NA)	103.3	(NA)	(NA)	(NA)	51.6	(NA)
281555	Naphthalene.....		...do.....	397.2	397.2	17.6	-	296.9	294.5	13.9	2.4
281513	Phenol.....	100%.....	...do.....	487.7	344.2	30.7	143.5	225.4	140.1	22.0	85.3
281514	Phthalic anhydride.....	100%.....	...do.....	297.6	124.0	12.8	173.6	151.5	52.7	5.8	98.8
	Crude materials:										
147701	Sulfur.....		1,000 long tons.....	665.0	665.0	22.6	-	539.9	539.9	13.7	-
	Used as raw materials:										
121011	Bituminous coal and lignite.....		1,000 short tons.....	(NA)	(NA)	(NA)	-	(NA)	(NA)	7.8	-
291101	Fuel oil.....			(NA)	(NA)	(Z)	-	(NA)	(NA)	1.1	-
131302	Natural gas.....		Mil. cu. ft.	(S)	(S)	62.0	-	(NA)	(NA)	43.6	-
970099	All other materials and components, parts, containers, and supplies consumed.....			(X)	(X)	<sup>2</sup> 1,434.8	(X)	(X)	(X)	1,072.5	(X)
976000	Materials, containers, and supplies, n.s.k. <sup>1</sup> .....			(X)	(X)	200.9	(X)	(X)	(X)	131.2	(X)

See footnotes at end of table.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Basis	Unit of measure	1967			1963				
				Total consumption of materials (quantity)	Consumption of materials received from other establishments		Materials made and consumed in same plant (quantity)	Total consumption of materials (quantity)	Consumption of materials received from other establishments		Materials made and consumed in same plant (quantity)
					Quantity	Delivered cost (million dollars)			Quantity	Delivered cost (million dollars)	
	INDUSTRY 2819.—INDUSTRIAL INORGANIC CHEMICALS, N.E.C.										
	Materials, containers, and supplies, total.....			(X)	(X)	1,526.3	(X)	(X)	(X)	1,141.6	(X)
	Inorganic chemicals:										
	Acids, except spent acids:										
281944	Hydrochloric acid.....	100% HCl..	1,000 short tons.....	(S)	(S)	4.2	(D)	(NA)	(NA)	3.4	52.9
281946	Hydrofluoric acid.....	100% HF...	...do.....	(S)	(S)	3.3	(S)	(NA)	(NA)	2.7	22.4
281911	Nitric acid.....	100% HNO <sub>3</sub> ...	...do.....	3,074.5	93.9	4.2	2,980.6	2,679.3	21.0	1.5	2,658.3
281948	Phosphoric acid.....	100% P <sub>2</sub> O <sub>5</sub> ...	...do.....	875.6	210.8	24.4	664.8	792.7	110.6	17.1	682.0
281931	Sulfuric acid.....	100% H <sub>2</sub> SO <sub>4</sub>	...do.....	3,358.6	1,650.2	30.8	1,708.4	2,914.8	1,082.9	18.5	1,831.9
281912	Ammonia, synthetic, anhydrous...	100% NH <sub>3</sub> ...	...do.....	3,160.3	696.4	33.1	2,463.9	2,586.2	266.3	17.3	2,319.9
281211	Chlorine.....	100% Cl...	...do.....	(S)	215.3	13.4	(S)	306.0	123.4	8.6	182.6
281996	Phosphorous, elemental.....	Technical...	...do.....	419.5	397.9	115.6	21.5	303.2	284.1	78.7	19.1
281228	Sodium carbonate (soda ash).....	58% Na <sub>2</sub> O...	...do.....	1,599.0	(D)	( <sup>3</sup> )	(D)	1,310.4	1,310.4	46.9	-
281238	Sodium hydroxide (caustic soda)...	100% NaOH...	...do.....	733.5	686.6	29.1	46.9	481.6	424.3	20.6	57.3
	Organic chemicals:										
281852	Alcohol, ethyl (pure and de-natured).....			(S)	(S)	1.9	-	(NA)	(NA)	1.1	-
281820	Other alcohols, including amyl, butyl, methyl, and propyl.....			(S)	(S)	5.5	-	(NA)	(NA)	2.0	-
281513	Phenol.....	100%.....	Million lbs.	63.3	63.3	5.5	-	(NA)	(NA)	5.6	-
	Crude materials:										
105101	Bauxite.....		1,000 short tons.....	15,771.3	15,771.3	229.8	-	12,584.5	12,584.5	176.4	-
147501	Phosphate rock.....		1,000 long tons.....	5,669.6	5,669.6	45.0	-	(NA)	(NA)	37.6	-
147901	Pyrites.....		...do.....	361.8	361.8	4.2	-	1,005.8	1,005.8	11.1	-
147701	Sulfur <sup>4</sup> .....		...do.....	2,431.4	2,431.4	89.8	-	1,804.3	1,804.3	45.1	-
281932	Sulfuric acid sludge (decomposition acid).....		1,000 short tons.....	(S)	(S)	5.4	-	1,032.2	1,032.2	5.6	-
333348	Zinc and zinc-base alloy refinery shapes.....		...do.....	23.0	23.0	5.3	-	(NA)	(NA)	1.8	-
	Used as raw material:										
121011	Bituminous coal and lignite.....		...do.....	224.3	224.3	2.1	-	407.0	407.0	1.8	-
331210	Coke, including breeze.....		...do.....	993.4	993.4	19.6	-	782.4	782.4	14.4	-
131302	Natural gas....		Mil. cu. ft.	223,060	223,060	65.0	-	118,921	118,921	34.7	-
970099	All other materials and components, parts, containers, and supplies consumed.....			(X)	(X)	<sup>3</sup> 663.1	(X)	(X)	(X)	519.7	(X)
976000	Materials, containers and supplies, n.s.k. <sup>1</sup> .....			(X)	(X)	126.0	(X)	(X)	(X)	69.4	(X)

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations.

Standard notes: -Represents zero. (X) Not applicable. (NA) Not available. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind. (Z) Under \$50 thousand. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet publication standards.

<sup>1</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

<sup>2</sup>Code 281552 combined with code 970099 for 1967.

<sup>3</sup>Code 281228 combined with code 970099 for 1967.

<sup>4</sup>Excludes quantities of sulfur derived from other sources such as copper pyrites, hydrogen sulfide and smelter gas.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Basis	Unit of measure	1967			1963		
				Consumption of materials received from other establishments		Materials made and consumed in same plant	Consumption of materials received from other establishments		Materials made and consumed in same plant
				Quantity	Delivered cost (million dollars)		Quantity	Delivered cost (million dollars)	
	INDUSTRY 2821.--PLASTICS MATERIALS AND RESINS								
	Materials, containers, and supplies, total.....			(X)	1,718.9	(X)	(X)	1,259.6	(X)
281829	Acetic anhydride.....		Million lbs....	69.0	6.0	-	(NA)	(NA)	-
281825	Acrylates and methacrylates, monomers.....	100%.....	..do.....	437.8	74.5	(D)	222.1	44.3	(D)
281821	Acrylonitrile.....		..do.....	125.9	16.2	-	(NA)	(NA)	(NA)
281820	Alcohols, except ethyl.....		Million gals....	69.8	26.3	-	59.7	23.1	(X)
289501	Carbon black.....		Million lbs....	24.9	4.0	-	7.8	1.2	-
281824	Cellulose acetate.....	100%.....	..do.....	120.3	27.3	-	(D)	-	-
261128	Cotton pulp.....	Air dry....	1,000 short tons	2.3	0.4	(X)	2.0	0.5	(X)
291171	Extender oils of petroleum origin.....		Million lbs....	(S)	6.2	(X)	153.5	4.8	(X)
281823	Formaldehyde.....	37% HCHO..	..do.....	856.5	26.4	488.9	491.2	17.1	239.2
284141	Glycerin.....	100%.....	..do.....	66.0	15.1	-	73.6	13.1	-
281944	Hydrochloric acid.....	100% HCl..	1,000 short tons	10.4	0.8	-	14.0	0.7	8.4
	Liquefied refinery and petroleum gases:								
291167	Butadiene.....	100%.....	Million lbs....	185.0	17.8	-	80.6	9.6	-
291165	Ethylene.....	100%.....	..do.....	2,049.9	80.6	(D)	858.6	38.6	(D)
291168	Other, (including isoprene, propylene isobutylene, etc.).....		..do.....	3,253.4	47.3	(D)	482.1	11.8	-
282515	Melamine.....	100%.....	..do.....	51.4	11.0	(D)	59.4	12.2	(D)
281513	Phenol.....	100%.....	..do.....	350.1	29.5	(D)	222.8	23.1	58.4
281514	Phthalic anhydride.....	100%.....	..do.....	165.4	18.9	(D)	100.5	11.1	3.2
281835	Plasticizers.....		..do.....	227.5	44.3	(D)	141.0	29.9	0.6
281833	Rubber processing chemicals (accelerators antioxidants, blowing agents, inhibitors, peptizers, etc.).....			(X)	5.3	-	(X)	4.9	-
284101	Soap and detergents.....		Million lbs....	27.3	4.0	-	14.3	2.9	-
281238	Sodium hydroxide (caustic soda).....	100% NaOH..	1,000 short tons	189.6	6.0	-	221.6	12.7	(D)
281516	Styrene.....	100%.....	Million lbs....	1,554.6	111.5	(D)	724.9	69.0	(D)
281931	Sulfuric acid, except spent acid.....	100% H2SO4.	1,000 short tons	340.0	6.5	(D)	312.5	5.6	(D)
282130	Thermoplastic resins, including modified resins.....		Million lbs....	662.1	80.9	517.5	450.4	71.2	350.2
282140	Thermosetting resins.....	Dry.....	..do.....	135.1	28.1	39.0	41.2	12.8	128.7
281826	Urea.....	100%.....	..do.....	205.7	8.7	-	124.0	5.7	(X)
281827	Vinyl acetate, monomer.....	100%.....	..do.....	276.2	29.5	(D)	168.1	21.2	(D)
281828	Vinyl chloride, monomer.....	100%.....	..do.....	1,465.9	88.6	(D)	742.1	54.7	142.7
261101	Woodpulp (excluding wood flour).....	Air dry....	1,000 short tons	271.0	35.0	(X)	224.7	38.0	(X)
260091	Paper and paperboard containers.....			(X)	33.9	(X)	(X)	33.6	(X)
970099	All other materials and components, parts, containers, and supplies consumed.....			(X)	771.3	(X)	}	686.2	(X)
976000	Materials, containers, and supplies, n.s.k. <sup>1</sup>			(X)	57.0	(X)			
	Material	Basis	Unit of measure	1967		1963			
				Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)		
	INDUSTRY 2822.—SYNTHETIC RUBBER								
	Materials, containers, and supplies, total.....			(X)	483.4	(X)		402.9	
281821	Acrylonitrile.....		Million lbs....	20.2	2.7	(NA)		(NA)	
289501	Carbon black.....		..do.....	388.7	28.5	299.7		22.2	
291171	Extender oils of petroleum origin.....		..do.....	562.1	11.0	401.2		8.1	
291167	Butadiene.....	100%.....	..do.....	1,825.2	172.1	1,588.1		172.0	
281833	Rubber processing chemicals (accelerators, antioxidants, blowing agents, inhibitors, peptizers, etc.).....			(X)	25.3	(X)		25.8	
284101	Soap and detergents.....		Million lbs....	140.8	15.1	108.5		12.3	
281238	Sodium hydroxide (caustic soda).....	100% NaOH..	1000 short tons..	51.9	1.6	(X)		1.2	
281516	Styrene.....	100%.....	Million lbs....	452.0	38.0	458.7		47.9	
281931	Sulfuric acid, except spent acid.....	100% H2SO4.	1000 short tons..	61.3	1.1	25.7		0.4	
260091	Paper and paperboard containers.....			(X)	6.4	(X)		7.0	
970099	All other materials and components, parts, containers, and supplies consumed.....			(X)	177.1	(X)	}	106.0	
971000	Materials, containers, supplies, n.s.k.			(X)	4.5	(X)			

See footnotes at end of table.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	Basis	Unit of measure	1967		1963	
				Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 2823.--CELLULOSIC MANMADE FIBERS							
	Materials, containers, and supplies, total..	.....	.....	(X)	348.9	(X)	295.3
281829	Acetic anhydride (net after recovery).....	100%.....	1,000 short tons	108.9	16.3	115.3	11.9
281238	Sodium hydroxide (caustic soda).....	100% NaOH....	...do.....	299.7	13.3	334.9	17.8
281931	Sulfuric acid, except spent acid.....	100% H <sub>2</sub> SO <sub>4</sub> ...	...do.....	518.6	10.3	548.3	10.6
261101	Woodpulp (excluding wood flour).....	Air dry.....	...do.....	697.2	132.2	707.4	119.5
260091	Paper and paperboard containers.....	.....	.....	(X)	10.3	(X)	7.9
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	.....	(X)	148.7	(X)	127.7
976000	Materials, containers, supplies, n.s.k. <sup>1</sup> .....	.....	.....	(X)	17.8	-	-
INDUSTRY 2824.--ORGANIC FIBERS, NONCELLULOSIC							
	Materials, containers, and supplies, total..	.....	.....	(X)	717.9	(X)	463.1
261101	Wood pulp.....	Air dry.....	1,000 short tons.	24.5	4.1	(NA)	(NA)
281821	Acrylonitrile.....	100%.....	Million pounds...	394.3	49.2	(NA)	(NA)
281825	Acrylates and methacrylates, monomers.....	100%.....	Million pounds...	16.2	3.5	(NA)	(NA)
281872	Caprolactam.....	100%.....	...do.....	282.8	60.4	(NA)	(NA)
281873	Glycols.....	100%.....	Million pounds...	287.7	22.4	(NA)	(NA)
282131	Polypropylene resins.....	Dry basis....	...do.....	86.6	20.6	(NA)	(NA)
281238	Sodium hydroxide (caustic soda).....	100% NaOH....	1,000 short tons.	( <sup>2</sup> )	( <sup>2</sup> )	31.4	1.7
281931	Sulphuric acid, except spent acid.....	100% H <sub>2</sub> SO <sub>4</sub> ...	...do.....	39.1	0.7	47.3	0.9
260091	Paper and paperboard containers.....	.....	.....	(X)	22.1	(X)	9.8
970099	All other materials and components, parts, containers, and supplies.....	.....	.....	(X)	529.9	(X)	450.7
976000	Materials, containers, supplies, n.s.k. <sup>1</sup> .....	.....	.....	(X)	5.0	(X)	-

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

<sup>2</sup>Included with material code 970099 "All other materials and components, parts, containers, and supplies", to avoid disclosing figures for individual companies.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	Delivered cost (million dollars)	
		1967	1963
	INDUSTRY 2831.--BIOLOGICAL PRODUCTS		
	Materials, containers, and supplies, total.....	46.7	31.8
265011	Paperboard boxes containers.....	2.5	1.9
322102	Glass.....	3.0	3.2
970099	All other materials and components, parts, containers, and supplies consumed.....	32.2	24.3
976000	Materials, containers, and supplies, n.s.k. <sup>1</sup> .....	9.0	2.4
	INDUSTRY 2834.--PHARMACEUTICAL PREPARATIONS		
	Materials, containers, and supplies, total.....	902.8	670.9
283318	Antibiotics for human and veterinary use (excluding antibiotics for animal feed).....	45.5	26.6
283317	Sulfa drugs, bulk.....	27.3	12.0
283301	Vitamins, natural and synthetic, bulk (excluding vitamins for animal feeds).....	57.4	36.1
	Containers:		
265011	Paperboard boxes and containers.....	68.5	55.1
322102	Glass.....	86.1	73.0
340001	Metal.....	29.8	20.6
307940	Plastic.....	40.7	20.3
970099	All other materials and components, parts, containers, and supplies consumed.....	484.1	390.7
976000	Materials, containers, and supplies, n.s.k. <sup>1</sup> .....	63.4	36.5

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Basis	Unit of measure	1967				1963			
				Total consumption of materials	Consumption of materials received from other establishments		Materials made and consumed in same plant	Total consumption of materials	Consumption of materials received from other establishments		Materials made and consumed in same plant
					Quantity	Delivered cost (million dollars)			Quantity	Delivered cost (million dollars)	
				(quantity)			(quantity)	(quantity)			(quantity)
	INDUSTRY 2841.--SOAP AND OTHER DETERGENTS										
	Material, containers, and supplies, total.....			(X)	(X)	1,050.4	(X)	(X)	(X)	883.8	(X)
284309	Bulk surface active agents, except sulfonated oils and fats.....	Active wt...	Million lbs.	(S)	748.3	93.6	(S)	882.4	765.5	93.7	116.9
284308	Other emulsifiers, wetting agents, penetrants, etc.....	Active wt...	do.....	(S)	153.6	22.2	(S)	117.5	116.6	12.9	0.9
284421	Perfume oil mixtures and blends.....	100%.....		(X)	(X)	44.1	(X)	(X)	(X)	23.0	(X)
284141	Glycerin.....	100%.....	Million lbs.	(S)	85.2	16.5	(S)	88.2	68.3	9.5	19.9
209411	Grease and inedible tallow.....	do.....		(X)	945.3	55.3	(X)	951.3	951.3	55.9	(X)
281971	Potassium pyrophosphate (TKPP).....	100% K <sub>4</sub> P <sub>2</sub> O <sub>7</sub> .....	1000 s tons.	(X)	(S)	4.0	(X)	(S)	(S)	6.0	(X)
281228	Sodium carbonate (soda ash).....	58% Na <sub>2</sub> O.....	do.....	(X)	194.4	7.6	(X)	145.5	145.5	4.9	(X)
281238	Sodium hydroxide (caustic soda).....	100% NaOH.....	do.....	(X)	273.0	18.6	(X)	260.9	260.9	20.0	(X)
281972	Sodium tripolyphosphate (STPP).....	100% Na <sub>5</sub> P <sub>3</sub> O <sub>10</sub> .....	do.....	(X)	860.1	112.7	(X)	696.2	696.2	96.9	(X)
281973	Tetrasodium pyrophosphate (TSPP).....	100% Na <sub>4</sub> P <sub>2</sub> O <sub>7</sub> .....	do.....	(X)	69.2	9.1	(X)	109.2	109.2	13.9	(X)
281974	Trisodium phosphate (TSP).....	100% Na <sub>3</sub> PO <sub>4</sub> .....	do.....	(X)	80.2	8.9	(X)	(S)	(S)	3.9	(X)
209011	Vegetable oil.....	Million lbs.		(S)	255.9	32.4	(S)	387.2	387.1	47.2	(S)
	Containers:										
265011	Paperboard.....			(X)	(X)	114.8	(X)	(X)	(X)	90.3	(X)
340001	Metal.....			(X)	(X)	27.1	(X)	(X)	(X)	18.9	(X)
322101	Glass.....			(X)	(X)	10.4	(X)	(X)	(X)	8.4	(X)
307940	Plastic.....			(X)	(X)	79.8	(X)	(X)	(X)	63.5	(X)
970999	All other materials and components, parts, containers and supplies consumed			(X)	(X)	356.3	(X)	(X)	(X)	275.6	(X)
976000	Materials, containers, supplies, n.s.k. <sup>1</sup>			(X)	(X)	37.0	(X)	(X)	(X)	<sup>1</sup> 39.4	(X)
	INDUSTRY 2842.--POLISHES AND SANITATION GOODS										
	Material, containers, and supplies, total.....			(X)	(X)	387.7	(X)	(X)	(X)	280.9	(X)
284309	Bulk surface active agents, except sulfonated oils and fats.....	Active wt...	Million lbs.	(S)	49.0	7.9	(S)	30.0	29.6	5.1	0.3
284308	Other emulsifiers, wetting agents, penetrants, etc.....	Active wt...	do.....	(S)	14.7	3.3	(S)	13.7	11.9	3.7	1.8
284421	Perfume oil mixtures and blends.....	100%.....		(X)	(X)	4.1	(X)	(X)	(X)	2.3	(X)
284141	Glycerin.....	100%.....	Million lbs.	(S)	1.2	0.3	(S)	(D)	1.3	0.3	(D)
209411	Grease and inedible tallow.....	do.....		6.2	6.2	0.9	(X)	4.1	4.1	0.5	(X)
281971	Potassium pyrophosphate (TKPP).....	100% K <sub>4</sub> P <sub>2</sub> O <sub>7</sub> .....	1000 s tons.	(S)	(S)	1.2	(X)	0.5	0.5	0.1	(X)
281228	Sodium carbonate (soda ash).....	58% Na <sub>2</sub> O.....	do.....	(S)	(S)	0.7	(X)	6.5	6.5	0.3	(X)
281238	Sodium hydroxide (caustic soda).....	100% NaOH.....	do.....	(S)	(S)	1.7	(X)	10.6	10.6	1.1	(X)
281972	Sodium tripolyphosphate (STPP).....	100% Na <sub>5</sub> P <sub>3</sub> O <sub>10</sub> ..	do.....	10.1	10.1	1.7	(X)	6.6	6.6	0.8	(X)
281973	Tetrasodium pyrophosphate (TSPP).....	100% Na <sub>4</sub> P <sub>2</sub> O <sub>7</sub> .....	do.....	(S)	(S)	.5	(X)	0.2	0.2	0.1	(X)
281974	Trisodium phosphate (TSP).....	100% Na <sub>3</sub> PO <sub>4</sub> .....	do.....	(S)	(S)	0.3	(X)	2.6	2.6	0.3	(X)
209011	Vegetable oil.....	Million lbs.		(S)	10.5	1.6	(S)	4.6	4.6	0.7	(X)
	Containers:										
265011	Paperboard.....			(X)	(X)	14.7	(X)	(X)	(X)	9.1	(X)
340001	Metal.....			(X)	(X)	60.4	(X)	(X)	(X)	50.7	(X)
322101	Glass.....			(X)	(X)	11.7	(X)	(X)	(X)	9.7	(X)
307940	Plastic.....			(X)	(X)	22.6	(X)	(X)	(X)	4.9	(X)
970999	All other materials and components, parts, containers and supplies consumed			(X)	(X)	160.5	(X)	(X)	(X)	123.5	(X)
976000	Materials, containers, supplies, n.s.k. <sup>1</sup>			(X)	(X)	93.6	(X)	(X)	(X)	<sup>1</sup> 67.9	(X)

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Product code	Product	Delivered cost (million dollars)	
		1967	1963
	INDUSTRY 2844.--TOILET PREPARATIONS		
	Materials, containers, and supplies, total.....	699.4	504.7
	Containers:		
307940	Plastics.....	82.2	59.0
322102	Glass.....	80.7	72.2
260091	Paper and paperboard.....	81.6	55.4
340001	Metal.....	74.7	69.5
970099	All other materials and components, parts, containers, and supplies consumed.....	296.7	204.7
976000	Materials, containers, supplies, n.s.k. <sup>1</sup> .....	83.5	43.9

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

<sup>1</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2851.--PAINTS AND ALLIED PRODUCTS					
	Materials, containers, and supplies, total.....		(X)	1,461.0	(X)	1,233.4
	Vegetable Oils:					
209311	Linseed oil (crude or processed).....	Million lbs.....	172.9	25.4	245.1	39.0
209016	All other vegetable oils.....	do.....	159.9	24.1	177.5	28.2
	Pigments:					
281611	Titanium dioxide, composite and pure.....	do.....	621.3	154.0	636.1	141.7
281622	Zinc oxide pigments (including leaded zinc oxide).....	do.....	94.0	14.8	102.4	14.1
281601	Other inorganic pigments.....		(X)	79.3	(X)	60.6
281531	Organic color pigments, lakes and toners.....		(X)	27.8	(X)	23.0
281811	Drivers (napthenic acid salts, rosin acid salts, etc.).....		(X)	9.3	(X)	8.2
281822	Solvents (butyl alcohols, butyl acetate, acetone, etc.).....		(X)	77.6	(X)	63.6
281862	Cellulose esters (nitracellulose, etc.).....	Million lbs.....	67.3	26.9	(NA)	(NA)
	Plasticizers:					
281836	Dioctyl phthalate.....	do.....	19.8	3.4	8.8	1.7
281837	Other plasticizers.....	do.....	40.9	10.5	27.2	7.2
282160	Synthetic resins.....	do.....	889.1	204.3	865.5	181.9
286102	Tall oil and rosin (gum and wood).....		(X)	9.8	(NA)	(NA)
291105	Petroleum thinners (naphtha).....	Million Gals....	172.7	38.0	157.0	36.2
	Other chemicals:					
281875	Glycerol (glycerine).....	Million lbs.....	49.5	11.1	(NA)	(NA)
281876	Pentaerythritol.....	do.....	21.6	5.1	(NA)	(NA)
281514	Phthalic anhydride.....	do.....	112.1	15.7	122.7	14.1
281516	Styrene.....	do.....	49.8	5.3	(NA)	(NA)
281827	Vinyl acetate monomer.....	do.....	98.5	12.6	(NA)	(NA)
	Containers:					
340001	Metal.....		(X)	118.6	(X)	110.7
260091	Paper and paperboard.....		(X)	19.4	(X)	15.3
970099	All other materials and components parts, containers and supplies consumed.....		(X)	299.8	(X)	250.0
976000	Materials, containers, supplies, n.s.k. <sup>1</sup> .....		(X)	268.2	(X)	237.8

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Basis	Unit of measure	1967		1963	
				Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2871.--FERTILIZERS						
	Materials, containers, and supplies, total.....			(X)	667.8	(X)	491.1
	Nitrogenous materials:						
281912	Ammonia, synthetic, anhydrous.....	100% NH <sub>3</sub> .....	1,000 short tons..	869.7	49.6	450.6	32.3
281913	Ammoniating or nitrogen solutions including mixtures containing urea.....	100% N.....	do.....	(S)	26.0	236.4	31.3
281914	Ammonium nitrate.....	100% NH <sub>4</sub> NO <sub>3</sub> .....	do.....	(X)	<sup>(1)</sup> 48.6		3.2
281975	Sodium nitrate.....	100% NaNO <sub>3</sub> .....	do.....	(X)	<sup>(1)</sup> 19.6		0.8
281915	Ammonium sulfate.....	100% (NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> .....	do.....	(S)	7.2	282.9	8.8
281826	Urea and calurea.....	100% N.....	do.....	(X)	<sup>(1)</sup>	8.1	1.5
281916	Other chemical nitrogenus materials, including potassium, nitrate, calcium, cyanamide and ammonium nitrate limestone mixtures.....		do.....	(S)	4.6	63.3	2.7
200011	Organic ammoniates.....		do.....	(X)	<sup>(1)</sup> 77.1		3.3
	Phosphatic materials:						
287111	Super phosphate, used in mixed goods normal and enriched (less than 40% P <sub>2</sub> O <sub>5</sub> ).....	100% P <sub>2</sub> O <sub>5</sub> .....	do.....	<sup>2</sup> (S)	5.3	46.8	3.9
287114	Concentrated (40% P <sub>2</sub> O <sub>5</sub> and over).....	100% P <sub>2</sub> O <sub>5</sub> .....	do.....	<sup>3</sup> (S)	30.0	231.9	26.3
287116	Other phosphatic materials, including wet base goods, ammonium phosphates, etc.....	100% P <sub>2</sub> O <sub>5</sub> .....	do.....	(S)	15.7	65.7	8.6
	Potassic materials:						
147401	Muriate of potash, include all grades converted to 60-62% K <sub>2</sub> O basis.....	K <sub>2</sub> O 60-62%.....	do.....	1,673.2	58.3	1,482.2	55.9
147402	Other potash bearing materials (potassium sulfate).....		do.....	148.3	6.6	160.4	7.3
999821	Inert fillers, secondary plant food and soil conditioners, including sand, peat.....		do.....	713.0	5.9	650.8	5.1
	Sulfuric acid:						
281931	Sulfuric acid, except spent.....	100% H <sub>2</sub> SO <sub>4</sub> .....	do.....	<sup>4</sup> 2,432.8	39.3	1,627.3	23.9
281933	Spent sulfuric acid.....	100% H <sub>2</sub> SO <sub>4</sub> .....	do.....	943.4	11.4	602.3	7.6
147501	Phosphate rock.....		1,000 long tons..	12,484.2	116.9	9,655.2	94.7
281948	Phosphoric acid.....	100% P <sub>2</sub> O <sub>5</sub> .....	1,000 short tons..	<sup>5</sup> (S)	45.8	211.4	26.0
147701	Sulfur.....		1,000 long tons..	2,965.7	108.1	1,802.9	45.0
	Containers:						
239300	Textile.....			(X)		(X)	1.0
264302	Bags, except textile (including shipping sacks).....			(X)	14.0	(X)	19.9
	All other materials and components:						
970099	Parts, containers, and supplies consumed.....			(X)	<sup>1</sup> 83.1	(X)	45.8
976000	Materials, containers, supplies, n.s.k.....			(X)	<sup>6</sup> 40.0	(X)	36.4

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Basis	Unit of measure	1967		1963	
				Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2872.--FERTILIZERS, MIXING ONLY						
	Materials, containers, and supplies, total.			(X)	417.4	(X)	355.2
	Nitrogenous materials:						
281912	Ammonia, synthetic, anhydrous.....	100% NH <sub>3</sub> .....	1,000 short tons.	152.7	11.6	101.7	9.2
281913	Ammoniating, or nitrogen solution including mixtures containing urea.....	100% N.....	..do.....	(S)	29.2	232.8	30.5
281914	Ammonium nitrate.....	100% NH <sub>4</sub> NO <sub>3</sub> .....	..do.....	173.6	11.5	111.6	7.8
281975	Sodium nitrate.....	100% NaNO <sub>3</sub> .....	..do.....	(S)	( <sup>7</sup> )	40.5	2.0
281915	Ammonium sulfate.....	100% (NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> .....	..do.....	321.5	11.5	352.9	11.9
281826	Urea and calurea.....	100% N.....	..do.....	92.7	9.5	27.0	4.8
281916	Other chemicals nitrogenous materials, including potassium nitrate, calcium cyanamide, ammonium nitrate and limestone mixtures.....		..do.....	(S)	5.3	89.5	3.9
200011	Organic ammoniates.....		..do.....	143.1	6.1	153.0	6.2
	Phosphatic materials:						
287111	Super phosphate (less than 40% P <sub>2</sub> O <sub>5</sub> ).....	100% P <sub>2</sub> O <sub>5</sub> .....	..do.....	(S)	34.1	413.9	41.4
287114	Concentrated (40% P <sub>2</sub> O <sub>5</sub> and over).....	100% P <sub>2</sub> O <sub>5</sub> .....	..do.....	(S)	29.4	225.8	27.1
287116	Other phosphatic materials, including wet base goods, ammonium phosphates, etc.....	100% P <sub>2</sub> O <sub>5</sub> .....	..do.....	(S)	24.8	70.4	12.2
	Potassic materials:						
147401	Muriate of potash.....	K <sub>2</sub> O 60-62%.....	..do.....	1,281.2	47.8	1,221.3	48.0
147402	Other potash bearing materials.....		..do.....	201.0	8.7	180.6	7.9
999821	Inert fillers, secondary plant food, and soil conditioners including sand, limestone, peat, nut hulls, citrus meals.....		..do.....	807.8	8.7	746.0	6.6
281931	Sulfuric acid, except spent acid.....	100% H <sub>2</sub> SO <sub>4</sub> .....	..do.....	174.1	4.0	158.7	3.2
147501	Phosphate rock.....		1,000 long tons..	(S)	( <sup>7</sup> )	78.3	0.8
281948	Phosphoric acid.....	100% P <sub>2</sub> O <sub>5</sub> .....	1,000 short tons.	144.9	15.8	75.3	10.8
264302	Bags, except textile (including shipping sacks, multiwall bags, and polyethylene liners).....			(X)	13.0	(X)	13.4
970099	All other materials and components, parts, containers and supplies consumed.....			(X)	<sup>7</sup> 58.3	(X)	33.7
976000	Materials, containers, supplies, n.s.k.....			(X)	<sup>6</sup> 88.1	(X)	<sup>2</sup> 74.0

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

<sup>1</sup>Code 281914, code 281826, code 200011, and code 239300 combined with code 970099 for 1967.

<sup>2</sup>587.0 thousand short tons (100% P<sub>2</sub>O<sub>5</sub>) of normal and enriched superphosphate were consumed by producing plants.

<sup>3</sup>136.6 thousand short tons (100% P<sub>2</sub>O<sub>5</sub>) of concentrated superphosphate were consumed by producing plants.

<sup>4</sup>8,527.1 thousand short tons (100% H<sub>2</sub>SO<sub>4</sub>) of sulfuric acid, except spent, were produced and consumed by plants classified in industry 2871, Fertilizers.

<sup>5</sup>2,754.4 thousand short tons (100% P<sub>2</sub>O<sub>5</sub>) of phosphoric acid, were produced and consumed by plants classified in industry 2871, Fertilizers.

<sup>6</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

<sup>7</sup>Code 281975 and code 147501 combined with code 970099 for 1967.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	Basis	Unit of measure	Total consumption of materials (quantity)	Consumption of materials received from other establishments		Materials made and consumed in same plant
					Quantity	Delivered cost (million dollars)	
		1967					
	INDUSTRY 2892.--EXPLOSIVES						
	Materials, total.....			(X)	(X)	240.7	(X)
281912	Ammonia, synthetic anhydrous.....	100% NH <sub>3</sub> ...	1,000 short tons	(NA)	226.1	13.2	(NA)
281914	Ammonium nitrate.....	100% NH <sub>4</sub> NO <sub>3</sub>	..do.....	(NA)	107.4	6.4	(NA)
281901	Mixed acid (sulfuric and nitric).....	..do.....	..do.....	(NA)	11.7	0.8	(NA)
281911	Nitric acid.....	100% HNO <sub>3</sub> ..	..do.....	(NA)	(D)	(D)	(NA)
281931	Sulfuric acid, except spent acid.....	100% H <sub>2</sub> SO <sub>4</sub> ..	..do.....	(NA)	370.4	8.5	(NA)
970099	All other materials and components, parts and supplies consumed.....			(X)	(X)	189.3	(X)
973000	Materials, containers, and supplies, n.s.k. <sup>1</sup> .....			(X)	(X)	22.5	(X)
		1963					
	Materials, total.....			(X)	(X)	100.6	(X)
281912	Ammonia, synthetic anhydrous.....	100% NH <sub>3</sub> ...	1,000 short tons	(D)	83.5	5.6	(D)
281914	Ammonium nitrate.....	100% NH <sub>4</sub> NO <sub>3</sub>	..do.....	228.2	101.1	5.9	127.2
281901	Mixed acid (sulfuric and nitric).....	..do.....	..do.....	42.9	9.3	0.6	33.7
281911	Nitric acid.....	100% HNO <sub>3</sub> ..	..do.....	(D)	(D)	(D)	189.6
281931	Sulfuric acid, except spent acid.....	100% H <sub>2</sub> SO <sub>4</sub> ..	..do.....	79.2	54.8	1.2	24.4
970099	All other materials and components, parts and supplies consumed.....			(X)	(X)	85.8	(X)
973000	Materials, containers, and supplies, n.s.k. <sup>1</sup> .....			(X)	(X)	1.4	(X)
				1967		1963	
	Material		Unit of measure	Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2895.--CARBON BLACK						
	Materials, containers, and supplies, total.....			(X)	60.9	(X)	49.3
291101	Fuel oil used as raw material.....	1,000 bbls.....		10,406.7			
		(42 Gal.).....		10,380.1	29.5	8,203.6	24.3
131302	Natural gas used as a raw material.....	Million cu. ft...		104,366.5	14.4	124.6	15.4
970099	All other materials and components, parts, containers and supplies consumed.....			(X)	16.9	(X)	9.6

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

<sup>1</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967 this includes estimates for companies that were not mailed report forms.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 2911.--PETROLEUM REFINING						
	Materials, containers, and supplies, total.....		(X)	14,540.9	(X)	12,384.0
	Crude petroleum, including field condensate.....	Million bbls.....	3,621.2	11,246.8	3,156.4	9,743.6
131201	Domestic.....	..do.....	3,202.9	9,981.8	2,742.9	8,487.3
131202	Foreign.....	..do.....	418.3	1,265.0	413.5	1,256.4
291181	Foreign unfinished oils (received from foreign countries for further processing).....	..do.....	30.8	100.4	(X)	(NA)
131321	Plant condensate.....	..do.....	30.1	94.2	17.7	57.5
131322	Natural gasoline, mixed and crude, including drip gasoline.....	..do.....	88.2	281.6	104.5	297.8
132123	Liquefied petroleum gases, including feedstocks <sup>1</sup> .....	..do.....	176.9	462.0	134.4	341.7
291107	Benzol (benzene) (100% C <sub>6</sub> H <sub>6</sub> ).....	..do.....	1.6	14.3	2.7	24.7
	Additives, except animal and vegetable oil:					
280011	Antioxidants, antiknock compounds, and inhibitors.....	1,000 bbls.....	2,624	412.5	2,531	284.0
280012	Other additives, including soaps and detergents.....	..do.....	2,132	102.5	1,904	99.1
209001	Animal and vegetable oils.....	..do.....	121	5.4	100	6.1
281980	Chemical catalytic preparations.....		(X)	98.1	(X)	71.4
941121	Crankcase drainings and other used oils consumed for refining or reclaiming.....	1,000 bbls.....	2,493	5.6	3,158	8.8
281238	Sodium hydroxide (100% NaOH) (caustic soda).....	1,000 short tons..	277.8	14.3	243.6	14.3
281931	Sulfuric acid (100% H <sub>2</sub> SO <sub>4</sub> ) (except spent).....	..do.....	1,952.2	40.0	1,667.3	33.3
	Containers:					
340001	Metal.....		(X)	62.1	(X)	80.9
260091	Paper and paperboard containers and shipping sacks, including corrugated boxes.....		(X)	13.1	(X)	12.3
265522	Cans, bodies with combinations of fiber and other materials (foil, plastic, etc.) with metal ends.....		(X)	37.4	(X)	23.8
970089	Cost of materials received from petroleum refineries and lube manufacturers (represents cost of materials for which quantities are shown in the "Receipts" column of table 3A).....		(X)	985.7	(X)	806.9
970099	All other materials, components, parts, containers, and supplies consumed.....		(X)	469.5	(X)	464.1
973000	Materials, containers, and supplies, n.s.k. <sup>2</sup> .....		(X)	95.4	(X)	13.5
INDUSTRY 2951.--PAVING MIXTURES AND BLOCKS						
	Materials, containers, and supplies, total.....		(X)	301.9	(X)	223.5
	Asphalt:					
291191	Less than 200 penetration.....	1,000 short tons..	4,761.4	104.5	4,007.0	86.0
291195	200 and over penetration.....	Million bbls.....	(S)	11.0	3.3	9.6
144201	Sand and gravel.....	1,000 short tons..	35,354.6	59.9	(NA)	(NA)
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	61.9	(X)	89.9
973000	Materials, containers, and supplies, n.s.k. <sup>2</sup> .....		(X)	64.6	(X)	38.0
INDUSTRY 2952.--ASPHALT FELTS AND COATINGS						
	Materials, containers, and supplies, total.....		(X)	317.3	(X)	285.0
	Asphalt:					
291191	Less than 200 penetration.....	1,000 short tons..	3,213.6	64.5	3,280.8	67.8
291195	200 and over penetration.....	Million bbls.....	9.1	27.6	8.6	25.9
266101	Roofing felts (unsaturated), other construction paper and insulating board.....	1,000 short tons..	1,535.3	81.9	1,283.2	77.4
329501	Roofing granules.....	..do.....	1,895.9	47.9	1,686.4	43.8
144201	Sand and gravel.....	..do.....	578.4	3.1	(NA)	(NA)
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	76.6	(X)	62.6
973000	Materials, containers, and supplies, n.s.k. <sup>2</sup> .....		(X)	15.7	(X)	7.6

See footnotes at end of table.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2992.--LUBRICATING OILS AND GREASES					
	Materials, containers, and supplies, total.....		(X)	257.0	(X)	250.5
	Additives (except animal and vegetable oil):					
280011	Antioxidants, antiknock compounds, and inhibitors.....	1,000 bbls.....	231	6.4	60	2.6
280012	Other additives, including soaps and detergents.....	...do.....	381	21.7	269	19.4
209001	Animal and vegetable oils.....	...do.....	496	11.2	225	5.8
941121	Crankcase drainings and other used oils consumed for refining or reclaiming.....	...do.....	(X)	.2	242	0.4
281238	Sodium hydroxide, (100% NaOH) (caustic soda).....	1,000 short tons..	7.7	.6	4.6	0.3
	Containers:					
340001	Metal.....		(X)	22.3	(X)	29.9
260091	Paper and paperboard containers and shipping sacks, including corrugated boxes.....		(X)	2.6	(X)	2.4
265522	Cans, bodies with combinations of fiber and other materials (foil, plastic, etc.) with metal ends.....		(X)	13.6	(X)	9.3
970089	Cost of materials received from petroleum refineries and lube manufacturers (represents cost of materials for which quantities are shown in the "Receipts" column of table 3A).....		(X)	119.0	(X)	110.1
970099	All other materials, containers, components, parts and supplies consumed.....		(X)	35.0	(X)	47.5
973000	Materials, containers and supplies, n.s.k <sup>2</sup> .....		(X)	24.4	(X)	23.0

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. <sup>1</sup>From 10 to 30 percent of this figure was estimated.

<sup>1</sup>Represents liquefied petroleum gases from natural gasoline plants only.

<sup>2</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 3021.--RUBBER FOOTWEAR--Continued						
Materials, containers, and supplies, total--Continued						
Other fabrics:						
220311	Cotton.....	Million pounds...	31.0	32.7	27.6	27.0
220312	Rayon.....	..do.....	(D)	(D)	-	-
220313	Nylon.....	..do.....	0.5	0.7	0.5	0.7
220315	Polyester.....	..do.....	(D)	(D)	(X)	(NA)
220319	Other.....	..do.....	1.9	2.7	1.3	2.5
260091	Paper and paperboard containers and shipping sacks, including corrugated boxes.....	.....	(X)	6.1	(NA)	(NA)
970099	All other materials and components, parts, containers, and supplies.....	.....	(X)	41.5	(X)	41.4
973000	Materials, containers, supplies, n.s.k. <sup>1</sup> .....	.....	(X)	11.1	(X)	13.9
INDUSTRY 3031 AND 3069.--RECLAIMED RUBBER, AND FABRICATED RUBBER PRODUCTS, N.E.C.						
Materials, containers, and supplies, total.....						
			(X)	<sup>4</sup> 1,245.8	(X)	<sup>5</sup> 1,025.2
Natural rubber:						
086113	Latex (dry solids contents).....	1,000 long tons..	53.3	29.8	37.9	29.8
086115	Dry.....	..do.....	77.0	38.4	78.2	49.3
Synthetic rubber:						
282203	Butadiene-styrene type.....	..do.....	<sup>2</sup> 264.0	111.7	240.0	116.8
282204	Butyl type.....	..do.....	19.5	11.8	16.7	9.4
282205	Neoprene.....	..do.....	67.8	62.5	53.0	49.2
282206	N-type (butadiene-acrylonitrile).....	..do.....	27.4	30.7	25.5	25.7
282211	Stereo polybutadiene elastomers (solution polymerized polybutadiene).....	..do.....	9.2	4.4	6.7	3.9
282212	Other stereo elastomers, including solution polymerized polyisoprene, and ethylene propylene copolymers and terpolymers..	..do.....	17.2	10.1		
282208	Polyurethane.....	..do.....	1.6	4.5	0.6	1.3
282209	Other elastomers.....	..do.....	17.0	20.6	11.3	15.4
303101	Reclaimed rubber (excluding "mud" and crumb or ground scrap)....	..do.....	<sup>2</sup> 65.4	10.2	<sup>3</sup> 81.5	12.8
306980	Rubber compounds and mixtures purchased.....	..do.....	50.0	32.2	26.6	18.4
281833	Rubber processing chemicals.....	.....	(X)	58.6	(X)	45.9
281835	Plasticizers.....	Million lbs.....	168.7	22.9	159.4	21.4
289501	Carbon black.....	..do.....	312.2	25.1	235.9	18.6
281600	Inorganic pigments.....	..do.....	390.4	22.9	403.7	20.1
282130	Thermoplastic resins including modified resins.....	..do.....	163.5	30.9	139.7	29.7
282140	Thermosetting resins.....	..do.....	14.0	4.2	<sup>3</sup> 20.2	7.5
Tire cord and tire fabric:						
229601	Cotton cord.....	..do.....	2.1	1.1	0.8	0.4
229602	Rayon cord.....	..do.....	3.6	2.4	2.4	1.6
229603	Nylon cord.....	..do.....	4.7	4.8	(D)	(D)
229605	Polyester cord.....	..do.....	0.9	1.1	(NA)	(NA)
229609	Chafer and other tire fabrics.....	..do.....	2.4	1.9	1.1	0.8
Other fabrics:						
220311	Cotton.....	..do.....	53.7	47.3	65.0	49.0
220312	Rayon.....	..do.....	21.3	13.0	17.5	9.2
220313	Nylon.....	..do.....	21.1	25.2	7.0	11.1
220315	Polyester.....	..do.....	2.3	3.0	(NA)	(NA)
220319	Other.....	..do.....	(S)	18.9	7.3	7.9
342956	Hose fittings and couplings.....	.....	(X)	11.9	(X)	6.8
331017	Steel wire.....	1,000 short tons.	27.8	13.3	24.4	12.3
260091	Paper and paperboard containers and shipping sacks,including corrugated boxes.....	.....	(X)	26.1	(X)	(NA)
970099	All other materials, and components, parts, containers, and supplies consumed.....	.....	(X)	425.4	(X)	386.5
976000	Materials, containers, supplies, n.s.k. <sup>1</sup> .....	.....	(X)	118.9	(X)	64.3

See footnotes at end of table.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3079.--MISCELLANEOUS PLASTICS PRODUCTS					
	Materials, containers, supplies, total.....		(X)	2,255.4	(X)	1,380.5
282130	Thermoplastic resins including modified resins.....	Million lbs.....	3,824.5	811.5	2,143.5	503.3
282140	Thermosetting resins.....	..do.....	865.2	252.0	485.2	157.8
307911	Unsupported plastics film and sheeting.....	..do.....	182.2	73.2	(NA)	43.3
307912	Plastics rods, tubes, and other shapes.....	..do.....	(S)	28.6	(NA)	24.7
281835	Plasticizers.....	..do.....	142.7	29.0	90.9	17.9
322931	Glass fiber, roving, mats, etc.....	..do.....	56.1	28.4	38.4	19.6
220234	Cotton fabrics.....	Million lin. yds..	58.7	19.3	37.6	13.9
220239	Other textile fabrics.....	..do.....	(S)	17.7	(NA)	15.9
970099	All other materials, and components, parts, containers, and supplies consumed.....	.....	(X)	632.7	(X)	382.3
976000	Materials, containers, supplies, n.s.k. <sup>1</sup> .....	.....	(X)	363.0	(X)	201.8

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

(Data on materials are not published separately for Industry 3031, Reclaimed Rubber, but are combined with the data for Industry 3069, Fabricated Rubber Products, N.E.C.).

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. <sup>e</sup> From 10 to 30 percent of this figure was estimated. (S) Withheld because the estimate did not meet publication standards on the basis of a general consistency review.

<sup>1</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

<sup>2</sup>Included in these quantity figures are the following percentages which were produced and consumed in the same establishment, and for which no value is shown: Industry 3011--Butadiene-styrene type, less than 1 percent; N-type, between 30 and 60 percent; reclaimed rubber, between 12 and 15 percent; thermoplastic resins, between 5 and 10 percent; industries 3031 and 3069--Butadiene-styrene type, between 3 and 5 percent; reclaimed rubber, between 20 and 30 percent.

<sup>3</sup>Included in these quantity figures are the following percentages which were produced and consumed in the same establishments, and for which no value is shown: Industry 3011--Butadiene-styrene type, less than 1 percent; N-type, between 30 and 60 percent; reclaimed rubber, between 12 and 15 percent; thermoplastic resins, between 10 and 20 percent; Industry 3021--Reclaimed rubber, between 25 and 50 percent; industries 3031 and 3069--Reclaimed rubber, between 20 and 25 percent; thermosetting resins, between 3 and 5 percent.

<sup>4</sup>Includes \$17.1 million for industry 3031, and \$1,228.7 million for industry 3069.

<sup>5</sup>Includes \$17.2 million for industry 3031, and \$1,008.1 million for industry 3069.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963-Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 3111.--LEATHER TANNING AND FINISHING						
	Materials, parts, supplies, total.....		(X)	460.3	(X)	397.6
201191	Hides, skins, and pelts.....		(X)	298.0	(X)	274.3
240011	Plywood and other wood products, except boxes and containers....		(X)	0.4	(NA)	(NA)
280021	Tanning materials, dressings, dyes, and finishing agents.....		(X)	92.3	(X)	87.4
	Finished leather:					
311102	Upper leather.....	Million sq. ft...	28.1	9.3	(NA)	(NA)
311105	Innersole leather.....	do.....	122.9	12.1	(NA)	(NA)
311106	All other soling leather.....	do.....			(NA)	(NA)
311108	All other finished leather.....	do.....			(NA)	(NA)
970099	All other materials, containers, and supplies.....		(X)	21.5	(X)	19.0
972000	Materials, parts, supplies, n.s.k <sup>2</sup> .....		(X)	26.7	(X)	16.9
INDUSTRY 3121.--INDUSTRIAL LEATHER BELTING						
	Materials, parts, supplies, total.....		(X)	17.6	(X)	15.6
201191	Hides, skins, and pelts.....		(X)	3.8	(X)	(NA)
	Finished leather:					
311102	Upper leather.....	Million sq. ft....	1.4	0.8	35.2	5.9
311106	Soling leather, except innersole.....	Million lbs.....	2.8	3.2		
311108	All other finished leather.....	do.....				
970099	All other materials, parts, and supplies.....		(X)	8.0	(X)	7.7
976000	Materials, parts, supplies, n.s.k <sup>2</sup> .....		(X)	1.8	(X)	2.0
INDUSTRY 3131.--FOOTWEAR CUT STOCK						
	Materials, parts, supplies, total.....		(X)	144.6	(X)	129.0
201191	Hides, skins, and pelts.....		(X)	6.3	(NA)	(NA)
	Finished leather:					
311102	Upper leather.....	Million sq. ft...	8.2	4.6	9.5	3.2
	Soling leather, total.....	do.....	58.4	29.9	81.0	36.2
311105	Innersole leather.....	Million lbs.....	11.7	4.8	16.7	5.5
311106	All other soling leather.....	do.....	46.7	25.1	64.3	30.8
311108	All other finished leather.....	do.....	7.2	4.1	13.9	6.9
280021	Tanning materials, dressings, dyes, and other finishing agents...		(X)	2.7	(NA)	(NA)
240011	Plywood and other wood products, except boxes and containers....		(X)	5.6	(X)	9.0
970099	All other materials, containers, and supplies consumed.....		(X)	57.4	(X)	53.7
976000	Materials, containers, supplies, n.s.k <sup>2</sup> .....		(X)	34.0	(X)	20.0
INDUSTRY 3141.--SHOES, EXCEPT RUBBER						
	Materials, parts, supplies, total.....		(X)	1,121.8	(X)	983.4
	Finished leather:					
311103	Upper leather, total.....	Million sq. ft...	855.2	426.3	945.8	398.4
311104	Lining leather.....	do.....	855.2	426.3	255.6	56.5
	All other upper leather.....	do.....			690.2	342.0
	Soling leather, total.....	Million lbs.....	(NA)	66.3	127.8	52.4
311105	Innersole leather.....	do.....	(NA)	66.3	45.8	13.3
311106	All other soling leather.....	do.....	(NA)		82.1	39.1
311107	All other finished leather.....		(X)	10.9	(X)	5.9
	Cut stock and findings.....		(X)	151.1	(X)	126.2
307984	Composition and nuclear.....	Million lbs.....	(NA)	15.0	75.6	26.0
306965	Rubber and elastomer resins soling slabs and top lift sheets...	Million sq. ft...	(NA)	23.3	(NA)	(NA)
300115	Plastic, natural and synthetic rubber.....		(X)	66.5	(X)	40.6
313108	Leather and other.....		(X)	46.3	(X)	59.6
229503	Coated impregnated or laminated plastics on cloth backing, including artificial leather.....	Million lin. yds.	e13.1	18.6	13.2	15.6
307913	Unsupported plastic film and sheeting, not backed including poromerics.....	Million sq. yds.	e6.0	13.0	(NA)	2.1
220129	Broadwoven fabrics (over 12 inches wide).....	Million lin. yds.	e29.2	25.7	47.3	23.9
970011	Containers and other packaging supplies.....		(X)	36.0	(X)	35.9
970099	All other materials, parts, supplies.....		(X)	222.9	(X)	213.5
976000	Materials, parts, supplies, n.s.k <sup>2</sup> .....		(X)	151.0	(X)	115.4

See footnotes at end of table.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3142.—HOUSE SLIPPERS					
	Materials, parts, supplies, total.....		(X)	72.2	(X)	54.7
	Finished leather:					
	Upper leather, total.....	Million sq. ft..	22.2	9.5	24.9	9.6
311103	Lining leather.....	...do.....	<sup>e</sup> 22.2	9.5	5.7	1.9
311104	All other upper leather.....	...do.....			19.2	7.6
	Soling leather, total.....	Million lbs.....	(NA)	1.4	4.2	2.9
311105	Innersole leather.....	...do.....	(NA)	1.4	0.3	0.2
311106	All other soling leather.....	...do.....			3.9	2.7
311107	All other finished leather.....		(X)	1.1	(X)	1.4
	Cut stock and findings.....		(X)	5.3	(X)	3.7
307984	Composition and nuclear.....	Million lbs.....	(NA)	1.8	1.8	1.3
300115	Plastic, natural and synthetic rubber.....		(X)	2.9	(X)	1.6
313108	Leather and other.....		(X)	0.6	(X)	0.8
229503	Coated impregnated or laminated plastics on cloth backing, cluding artificial leather.....	Million lin. yds.....	<sup>e</sup> 3.8	7.2	(D)	(D)
307913	Unsupported plastic film and sheeting, not backed.....	Million sq. yds.	(NA)	0.6	(D)	(D)
220129	Broadwoven fabrics (over 12 inches wide).....	Million lin. yds.....	<sup>e</sup> 7.4	10.8	5.6	6.5
970011	Containers and other packaging supplies.....		(X)	3.1	(X)	2.4
970099	All other materials, parts, supplies, including rubber and elastomer resin soling slabs and top lift sheets.....		(X)	22.0	(X)	15.8
976000	Materials, parts, supplies, n.s.k. <sup>2</sup> .....		(X)	11.2	(X)	12.4

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. In some cases figures which are otherwise publishable are withheld to avoid indirect disclosure by subtraction from higher-level totals or from related figures. <sup>e</sup>From 10 to 30 percent of this figure was estimated.

<sup>1</sup>Combined to avoid disclosing the operations of individual companies.

<sup>2</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967 this included estimates for companies that were not mailed report forms.

<sup>3</sup>For 1963, figures are in million pounds.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 3151.--LEATHER GLOVES AND MITTENS						
	Materials, containers, and supplies, total.....		(X)	33.9	(X)	34.3
311100	Finished leather.....	Million sq. ft....	73.2	22.7	76.9	22.2
220123	Broadwoven fabrics (cotton, wool, manmade fiber fabrics, etc.)...	Million lin. yds..	(NA)	1.3	2.9	1.8
225601	Knitted fabrics (cotton, wool, manmade fiber fabrics, etc.).....	...do.....	(NA)	1.2	(NA)	1.2
970099	All other materials and components, parts, containers, and supplies.....		(X)	4.7	(X)	4.6
976000	Materials, containers, and supplies, n.s.k.....		(X)	4.0	(X)	4.5
INDUSTRY 3161.--LUGGAGE						
	Materials, containers, and supplies, total.....		(X)	143.9	(X)	93.5
	Broadwoven fabrics (piece goods):					
221101	Cotton.....	Million lin. yds.	(NA)	1.8	(NA)	0.9
222101	Rayon and acetate.....	...do.....	<sup>e</sup> 24.7	8.3	9.7	3.5
220128	Other broadwoven fabrics.....	...do.....	(NA)	2.2	(NA)	1.6
229503	Coated, impregnated, or laminated plastics on cloth backing, including artificial leather.....	...do.....	(NA)	19.8	(NA)	11.7
307913	Unsupported plastic film and sheeting, not backed, excluding packaging materials.....	Million sq. yds..	(NA)	7.2	(NA)	7.0
311100	Finished leather.....	Million sq. ft...	(NA)	5.5	(NA)	3.2
342953	Trunk and luggage hardware, including locks.....		(X)	23.1	(X)	9.8
970090	Other materials, parts, containers, and supplies.....		(X)	43.2	(X)	35.3
976000	Materials, containers, and supplies, n.s.k.....		(X)	32.8	(X)	20.5
INDUSTRY 3171.--WOMEN'S HANDBAGS AND PURSES						
	Materials, containers, and supplies, total.....		(X)	137.8	(X)	123.5
	Broadwoven fabrics (piece goods):					
221101	Cotton.....	Million lin. yds.	(NA)	( <sup>2</sup> )	2.4	1.5
222101	Rayon and acetate.....	...do.....	(NA)	( <sup>2</sup> )	5.5	3.4
220128	Other broadwoven fabrics.....	...do.....	(NA)	( <sup>2</sup> )	2.6	3.0
229503	Coated, impregnated, or laminated plastics on cloth backing, including artificial leather.....	...do.....	15.6	20.3	22.6	24.7
307913	Unsupported plastic film and sheeting, not backed excluding packaging materials.....	Million sq. yds..	27.0	20.1	15.2	11.5
311100	Finished leather.....	Million sq. ft...	44.1	24.8	40.0	16.9
342953	Trunk and luggage hardware including locks.....		(X)	4.3	(X)	(NA)
970099	Other materials, parts, containers, and supplies.....		(X)	35.3	(X)	23.6
976000	Materials, containers, and supplies, n.s.k. <sup>2</sup> .....		(X)	33.1	(X)	38.9
INDUSTRY 3172.--PERSONAL LEATHER GOODS						
	Materials, containers, and supplies, total.....		(X)	71.7	(X)	62.4
229503	Coated, impregnated, or laminated plastics on cloth backing, including artificial leather.....	Million lin. yds.	<sup>e</sup> 5.2	4.5	(NA)	5.0
307913	Unsupported plastic film and sheeting, not backed, excluding packaging materials.....	Million sq. yds..	<sup>e</sup> 4.3	2.6	4.9	2.5
311100	Finished leather.....	Million sq. ft...	40.5	19.7	36.9	15.8
970099	Other materials, parts, containers, and supplies.....		(X)	24.3	(X)	18.4
976000	Materials, containers, and supplies, n.s.k. <sup>1</sup> .....		(X)	20.6	(X)	20.6
INDUSTRY 3199.--LEATHER GOODS, N.E.C.						
	Materials, containers, and supplies, total.....		(X)	43.7	(X)	29.8
311100	Finished leather.....	Million sq. ft...	21.3	12.7	18.7	10.4
970099	Other materials, parts, containers, and supplies.....		(X)	14.3	(X)	10.8
976000	Materials, containers, and supplies, n.s.k. <sup>1</sup> .....		(X)	16.7	(X)	8.5

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available.

<sup>1</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

<sup>2</sup>Included with "other materials, parts, containers, and supplies."



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 3211.--FLAT GLASS						
	Materials, containers, and supplies, total.....		(X)	157.1	(X)	146.0
281228	Sodium carbonate (soda ash) (98-100% Na <sub>2</sub> CO <sub>3</sub> ).....	1,000 short tons..	386.5	13.5	398.8	13.5
144301	Glass sand, all types.....	...do.....	1,495.0	7.8	1,880.6	8.6
281976	Sodium sulfate (including salt cake).....	...do.....	(S)	(S)	67.6	2.1
321121	Plate glass.....	Million sq. ft...	45.1	15.4	87.6	19.0
321111	Sheet glass.....	...do.....	19.6	4.3	15.2	2.6
Refractories:						
325501	Clay.....	1,000 short tons..	13.8	3.0	14.4	2.6
329701	Nonclay.....	...do.....			9.8	1.6
999816	Cullet (glass scrap).....	Million lbs.....	487.1	3.8	998.1	7.5
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	104.6	(X)	88.5
972000	All other materials, containers and supplies, n.s.k.....		(X)	2.5	(X)	(X)
INDUSTRY 3221.--GLASS CONTAINERS						
	Materials, containers, and supplies, total.....		(X)	407.4	(X)	315.9
281228	Sodium carbonate (soda ash) (98-100% Na <sub>2</sub> CO <sub>3</sub> ).....	1,000 short tons.	1,979.0	70.1	1,623.9	58.1
144301	Glass sand.....	...do.....	7,132.5	36.4	4,724.6	26.9
Refractories:						
325501	Clay.....	...do.....	(S)	3.7	(S)	2.7
329701	Nonclay.....	...do.....	(S)	3.9	(S)	3.1
265301	Corrugated paperboard shipping containers.....	1,000 short tons.	(X)	148.7	(X)	100.5
265019	All other paperboard containers and boxes.....	...do.....	(X)	9.6		
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	129.5	(X)	124.7
972000	Materials not specified.....		(X)	5.6	(X)	(X)
INDUSTRY 3229.--PRESSED AND BLOWN GLASS, N.E.C.						
	Materials, containers, and supplies, total.....		(X)	185.2	(X)	130.5
281228	Sodium carbonate (soda ash) (98-100% Na <sub>2</sub> CO <sub>3</sub> ).....	1,000 short tons.	236.2	8.0	148.3	5.3
144301	Glass sand.....	...do.....	1,282.2	9.6	767.2	5.8
281976	Sodium sulfate (including salt cake).....	...do.....	(S)	(S)	14.5	0.9
321121	Plate glass.....	Million sq. ft...	(S)	(S)	(X)	1.2
321111	Sheet glass.....	...do.....	(S)	(S)		
322911	Glass tumblers, stemware, and other tableware.....	...do.....	(S)	(S)		
322901	Other glass products.....	...do.....	(D)	(D)		
Refractories:						
325501	Clay.....	1,000 short tons.	15.2	4.6	8.0	1.7
329701	Nonclay.....	...do.....	(S)	(S)	(S)	1.1
265301	Corrugated paperboard shipping containers.....	...do.....	(X)	28.5	(X)	23.6
999816	Cullet (glass scrap).....	Million lbs.....	516.7	7.3	417.6	6.4
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	97.4	(X)	84.5
973000	All other materials, containers, and supplies, n.s.k.....		(X)	(D)	(X)	-
INDUSTRY 3231.--PRODUCTS OF PURCHASED GLASS						
	Materials, containers, and supplies, total.....		(X)	350.9	(X)	281.0
321121	Plate glass.....	Million sq. ft...	367.2	138.8	293.7	104.9
321111	Sheet glass.....	...do.....	349.3	62.0	255.9	47.9
322911	Glass tumblers, stemware, and other tableware.....	...do.....	(X)	7.3	(X)	3.9
322901	Other glass products.....	...do.....	(X)	24.1	(X)	14.7
265301	Corrugated paperboard shipping containers.....	...do.....	(X)	7.4	(X)	4.5
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	88.7	(X)	76.1
973000	Materials, containers, and supplies, n.s.k.....		(X)	22.6	(X)	29.0

Standard notes: - Represents zero. (X) Not available. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	1967		1963	
		Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)
	INDUSTRY 3241.--CEMENT, HYDRAULIC				
	Materials, containers, and supplies, total.....	(X)	227.7	(X)	195.8
264338	Paper shipping sacks and multiwall bags.....	(S)	16.8	376.0	18.1
320591	Refractories, clay and nonclay.....	75.8	11.0	(S)	7.1
142011	Crushed and broken stone, including cement rock, limestone, etc.....	(S)	42.8	}	167.6
970099	All other materials and components, parts, containers, and supplies consumed.....	(X)	145.7		
976000	Materials, containers, and supplies, n.s.k.....	(X)	11.4	(X)	3.0

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3271.--CONCRETE BLOCK AND BRICK					
	Materials, parts, containers, and supplies, total.....		(X)	199.5	(X)	197.1
324101	Portland cement.....	1,000 (376 lb. barrels).....	15,071.3	60.0	13,896.6	55.4
144201	Sand and gravel.....	1,000 short tons.	17,922.6	28.2	18,121.6	28.1
142011	Crushed or broken stone.....	..do.....	6,436.4	15.7	(NA)	(NA)
	Steel:					
331091	Wire strand and bars or rods, high strength, stress relined....	...do.....	2.8	0.7	2.1	0.5
331092	Welded wire concrete reinforcing mesh.....	...do.....	4.9	0.8	4.5	0.6
331009	Concrete reinforcing bars.....	...do.....	8.0	1.5	(S)	1.2
970099	All other materials and components, parts, containers, and supplies.....		(X)	46.0	(X)	49.4
972000	Materials, components, parts, containers, and supplies, n.s.k....		(X)	46.3	(X)	61.9
	INDUSTRY 3272.--CONCRETE PRODUCTS, N.E.C.					
	Materials, parts, containers and supplies, total.....		(X)	417.9	(X)	337.2
324101	Portland cement.....	Million (376-lb. barrels).....	20.7	84.2	17.1	68.1
144201	Sand and gravel.....	1,000 short tons.	16,981.8	32.4	15,745.2	30.6
142011	Crushed or broken stone.....	..do.....	5,652.0	14.1	(NA)	(NA)
	Steel:					
331091	Wire strand and bars or rods, high strength, stress relieved...	...do.....	204.5	39.9	124.6	23.9
331092	Welded wire concrete reinforcing mesh.....	...do.....	179.6	34.2	182.5	32.7
331009	Concrete reinforcing bars.....	...do.....	111.5	16.9	117.9	16.5
970099	All other materials and components, parts containers and supplies		(X)	109.2	(X)	93.7
973000	Materials components, parts, containers, and supplies, n.s.k....		(X)	87.1	(X)	71.7
	INDUSTRY 3273.--READY-MIXED CONCRETE					
	Materials, parts, containers, and supplies, total.....		(X)	1,339.7	(X)	1,155.5
324101	Portland cement.....	Million (376 lbs. barrels).....	159.2	609.8	132.7	502.2
144201	Sand and gravel.....	1,000 s. tons....	153,601.6	272.7	166,261.7	283.8
142011	Crushed or broken stone.....	..do.....	43,566.1	90.9		
970099	All other materials and components, parts, containers and supplies.....		(X)	118.3	(X)	104.3
973000	Materials, components, parts, containers, and supplies, n.s.k....		(X)	247.5	(X)	265.2
	INDUSTRY 3274.--LIME					
	Materials, parts, containers, and supplies, total.....		(X)	44.1	(X)	37.1
264338	Paper shipping sacks and multiwall bags.....		(X)	4.6	(X)	4.2
970099	All other materials and components, parts, containers, and supplies.....		(X)	25.7	(X)	26.0
142011	Crushed and broken stone, including cement rock, limestone, etc..	1,000 short tons.	5,612	11.3	(NA)	(NA)
973000	Materials, parts, containers, and supplies, n.s.k.....		(X)	2.4	(X)	6.9
	INDUSTRY 3275.--GYPSUM PRODUCTS					
	Materials, containers, and supplies, total.....		(X)	127.9	(X)	133.8
264338	Paper shipping sacks and multiwall bags.....	1,000 short tons.	26	4.9	(NA)	4.9
263112	Paperboard liners.....	..do.....	550	45.1		
142011	Crushed and broken stone, including cement rock, limestone, etc..	..do.....	10,234	28.9	(X)	125.2
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	48.4		
976000	Materials, containers, and supplies, n.s.k.....		(X)	0.7	(X)	3.7

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	1967			1963		
		Quantity (1,000 short tons)	Delivered cost (million dollars)	Stone consumed from quarries operated at same location as the dressing plant (1,000 short tons)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Stone consumed from quarries operated at same location as the dressing plant (1,000 short tons)
	INDUSTRY 3281.--CUT STONE AND STONE PRODUCTS						
	Materials, containers and supplies, total.....	(X)	70.2	3,545.5	(X)	70.6	3,024.6
	Stone for preparation:						
141101	Rough blocks used to produce dressed stone.....	(S)	23.2	2,512.5	1,107.3	24.9	1,700.8
142101	Broken stone received for crushing, screening, or washing.....	(S)	1.0	1,033.0	(S)	0.2	1,323.8
970099	All other materials and components, parts, containers, and supplies consumed.....	(X)	21.7	-	(X)	31.3	-
976000	Materials, containers, and supplies, n.s.k.....	(X)	24.3	-	(X)	14.1	-

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet publication standards, either on the associated standard error of estimate or on the basis of a consistency review.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3292.--ASBESTOS PRODUCTS					
	Materials and components, parts, containers, and supplies, total.....		(X)	228.1	(X)	212.1
149901	Asbestos, crude (including fiber).....	1,000 short tons.	441.6	55.7	453.2	48.3
324101	Portland cement.....	1,000 bbls. (376 lb. bbls.).....	2,931.1	10.8	2,370.0	8.8
209010	Vegetable oils, including crude and processed.....	Million lbs.....	34.9	5.9	34.2	6.0
282137	Vinyl and vinyl copolymer resins, all forms.....	..do.....	195.9	27.7	201.6	31.0
281012	Pigment, organic, and inorganic.....	..do.....	58.2	12.3	59.4	14.9
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	103.7	(X)	98.7
973000	Materials, components, parts, containers, and supplies, n.s.k. <sup>1</sup> ..		(X)	12.3	(X)	4.4
	INDUSTRY 3293.--GASKETS AND INSULATIONS					
	Materials and components, parts, containers, and supplies, total.....			129.3	(X)	97.3
149901	Asbestos, crude (including fiber).....	1,000 short tons	(S)	11.5	31.4	5.0
970099	All other material and components, parts, containers, and supplies consumed.....		(X)	96.1	(X)	78.5
973000	Materials, and components, parts, containers, and supplies, n.s.k. <sup>1</sup> .....		(X)	21.7	(X)	13.9

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of consistency review.

<sup>1</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See appendix, Explanation of Terms)

Code	Material	1967		1963	
		Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)
	INDUSTRY 3321 -- GRAY IRON FOUNDRIES				
	Materials, containers, and supplies, total.....	(X)	896.8	(X)	666.6
331051	Pig iron (excluding silvery iron).....	3,350.1	193.4	4,379.4	275.9
	Nonferrous metals, alloys and ferroalloys (ingot, pig, shot, etc.):				
333404	Aluminum, unalloyed.....	(1)	(1)	5.5	2.4
333405	Aluminum-base alloys.....	2.0	1.0	5.6	2.4
333121	Copper, unalloyed (cathodes, ingot, cakes, slabs, etc.).....	(1)	(1)	0.5	0.3
334123	Copper-base alloy raw materials (ingot, billets, shot, waffle, hardeners, etc.)...	3.9	3.9	8.5	4.7
333348	Zinc and zinc-base alloys.....	(1)	(1)	0.2	(Z)
333973	Magnesium and magnesium-base alloys.....	11.1	5.8	9.9	4.9
331312	Ferromanganese.....	13.3	2.0	20.5	3.0
331309	Other ferroalloys, including silvery iron.....	271.5	44.0	249.2	35.6
	Scrap (purchased only):				
999811	Iron and steel.....	6,322.3	209.3	5,116.5	170.2
999808	Aluminum and aluminum-base alloy.....	(1)	(1)	(D)	(D)
999812	Copper and copper-base alloy.....	2.2	1.6	1.2	0.6
144503	Sand.....	3,477.9	22.5		
325501	Clay Refractories.....	(NA)	6.6		
329701	Nonclay Refractories.....	(NA)	4.2	(X)	128.1
970099	All other materials and components, parts, containers, and supplies consumed (excluding coal and coke).....	(X)	340.9		
976000	Materials, containers, and supplies, n.s.k. <sup>1</sup> .....	(X)	66.8	(X)	38.6

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1967		1963	
			Quantity	Value (million dollars)	Quantity	Value (million dollars)
	INDUSTRY 3312.--BLAST FURNACES AND STEEL MILLS					
	Materials, containers, and supplies, total.....		(X)	<sup>1</sup> 9,829.1	(X)	<sup>1</sup> 7,983.7
121120	Coal used in the production of coke.....	1,000 s. tons	91,867.2	879.8	76,254.6	677.9
101112	Iron ore, including manganiferous: Crude.....	Gross wt. 1,000 s. tons	80,700.9	807.8		
101123	Concentrates.....	.....do.....	14,898.6	165.7	113,806.1	1,374.4
101125	Agglomerates.....	.....do.....	47,386.5	623.1		
106220	Manganese ore including ferruginous (containing 10 percent manganese).....	.....do.....	( <sup>2</sup> )	( <sup>2</sup> )	(NA)	(NA)
331051	Pig iron <sup>3</sup> .....	1,000 s. tons	10,688.1	420.5	8,682.6	382.0
999811	Iron and steel purchased scrap (except rails for rerolling).....	.....do.....	26,690.3	730.1	27,964.6	704.1
331081	Steel rails for rerolling.....	.....do.....	370.7	19.9	406.7	19.5
	Nonferrous metals, alloys and ferroalloys:					
333402	Aluminum.....	.....do.....	71.4	33.7	54.5	22.8
333113	Copper, including both refined, unalloyed and copper-base alloy raw materials.....	.....do.....	24.0	20.6	19.2	11.6
333971	Nickel.....	.....do.....	42.9	72.2	(NA)	(NA)
333975	Tin.....	.....do.....	34.3	105.0	(NA)	(NA)
333232	Lead.....	.....do.....	9.0	3.0	(NA)	(NA)
333348	Zinc.....	.....do.....	278.3	80.9	297.9	71.6
331312	Ferromanganese <sup>4</sup> .....	.....do.....	912.8	146.9	771.4	131.4
331320	Ferrochromium.....	.....do.....	289.3	83.8	231.3	65.0
331330	Ferrosilicon.....	.....do.....	252.0	44.4	208.7	32.4
331343	Ferromolybdenum.....	.....do.....	11.3	31.5	(NA)	(NA)
331340	Spiegeleisen <sup>5</sup> .....	.....do.....	15.1	1.4	23.2	2.2
331345	Ferronickel.....	.....do.....	45.2	41.9	(NA)	(NA)
331342	Other ferroalloys, including ferrotungsten, and silvery iron <sup>6</sup> ..	.....do.....	211.4	97.0	193.8	86.4
329502	Dead-burned magnesia.....	.....do.....	( <sup>2</sup> )	( <sup>2</sup> )		
281930	Sulfuric acid (100 percent H <sub>2</sub> SO <sub>4</sub> ) <sup>7</sup> .....	.....do.....	1,088.8	27.6	1,175.5	25.1
281340	Oxygen (including both high and low purity) <sup>8</sup> .....	Mil. cu. ft...	147,801.6	94.4	78,707.3	74.7
325501	Clay refractories.....	1,000 s. tons	1,323.6	82.9	1,565.6	83.4
329701	Nonclay refractories.....	.....do.....	2,938.8	120.0	2,803.0	113.5
332111	Gray iron ingot molds <sup>9</sup> .....	.....do.....	1,672.6	129.8	(NA)	(NA)
	Fluxes:					
329503	Limestone.....	.....do.....	18,861.6	55.4	(NA)	(NA)
327403	Lime, including quicklime and dead-burned dolomite.....	.....do.....	5,611.5	70.5	(NA)	(NA)
329505	Fluorspar.....	.....do.....	400.3	16.7	(NA)	(NA)
329506	Other fluxes.....	.....do.....	5,288.7	27.0	(NA)	(NA)
331005	Ingots, semifinished shapes (blooms, billets, etc.) and other steel shapes received for further processing).....		(X)	2,347.4	(X)	1,678.4
970099	All other materials and components, parts, containers and supplies consumed <sup>10</sup> .....		(X)	2,410.1	(X)	2,165.3
976000	Materials and components, parts, containers and supplies consumed, n.s.k. <sup>11</sup> .....		(X)	38.1	(X)	262.2

See footnotes at end of table.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See appendix, Explanation of Terms)

Code	Material	1967		1963		
		Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	
	INDUSTRY 3322.--MALLEABLE IRON FOUNDRIES					
	Materials, containers, and supplies, total.....	(X)	117.5	(X)	92.8	
331051	Pig iron (excluding silvery iron).....	135.5	8.1	119.0	7.1	
	Nonferrous metals, alloys and ferroalloys (ingot, pig, shot etc.):					
333404	Aluminum, unalloyed.....	2.0	1.0	1.1	0.5	
333405	Aluminum-base alloys.....					
333121	Copper, unalloyed (cathodes, ingot, cakes, slabs, etc.).....					
334123	Copper-base alloy raw materials (ingot, billets, shot, waffle, hardeners, etc.)...					
333348	Zinc and zinc-base alloys.....					
331312	Ferromanganese.....	7.4	1.3	5.4	0.9	
331309	Other ferroalloys, including silvery iron.....	63.0	7.6	94.7	8.7	
	Scrap (purchased only):					
999811	Iron and steel.....	783.4	24.5	781.0	24.4	
999808	Aluminum and aluminum-base alloy.....	(1)	(1)	(D)	(D)	
999812	Copper and copper-base alloy.....	(1)	(1)	(D)	(D)	
333973	Magnesium and magnesium-base alloys.....	(1)	(1)			
144503	Sand.....	429.7	2.7	(X)	48.2	
325501	Clay refractories.....	34.3	1.8			
329701	Nonclay refractories.....	(NA)	0.7			
970099	All other materials and components, parts, containers, and supplies consumed (excluding coal and coke) <sup>1</sup> .....	(X)	60.4			
976000	Materials, containers, and supplies, n.s.k. <sup>1</sup> .....	(X)	9.2	(X)	2.4	
	INDUSTRY 3323.--STEEL FOUNDRIES					
	Materials, containers and supplies, total.....	(X)	344.4	(X)	235.3	
331051	Pig iron (excluding silvery iron).....	129.9	7.9	129.7	8.6	
	Nonferrous metals, alloys and ferroalloys (ingot, pig, shot, etc.):					
333404	Aluminum, unalloyed.....	6.1	2.7	1.3	0.6	
333405	Aluminum-base alloys.....	(1)	(1)	0.9	0.4	
333121	Copper, unalloyed (cathodes, ingot, cakes, slabs, etc.).....	(1)	(1)	0.2	0.1	
334123	Copper-base alloy raw materials (ingot, billets, shot, waffle, hardeners, etc.)...	(1)	(1)	1.5	1.0	
333973	Magnesium and magnesium-base alloy.....	(1)	(1)	(D)	(D)	
331312	Ferromanganese.....	27.4	4.8	22.4	4.1	
331309	Other ferroalloys, including silvery iron.....	58.0	19.9	50.5	15.4	
	Scrap (purchased only):					
999811	Iron and steel.....	1,707.0	55.3	1,204.6	38.5	
999808	Aluminum and aluminum-base alloy.....	(1)	(1)	(NA)	0.8	
999812	Copper and copper-base alloy.....	(1)	(1)	0.1	(Z)	
144503	Sand.....	1,614.2	14.7	(X)	48.2	
325501	Clay refractories.....					3.7
329701	Nonclay refractories.....					2.9
970099	All other materials and components, parts, containers, and supplies consumed (excluding coal and coke).....	(X)	251.0			
976000	Materials, containers, and supplies, n.s.k. <sup>1</sup> .....	(X)	14.4	(X)	2.4	

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3331.--PRIMARY COPPER <sup>1</sup>					
	Materials, containers, and supplies, total <sup>2</sup> .....	.....	(X)	904.8	(X)	928.3
102100	Copper:					
	Ores, concentrates and precipitates.....	Gross weight thousand short tons.....	3,601.5	485.9	<sup>3</sup> 11,084.8	<sup>3</sup> 496.3
333121	Refined unalloyed copper (cathodes, ingots, cakes, slabs, etc.).	Thousand short tons.....	435.7	341.7	{ (NA) 544.2 13.9	{ (NA) 299.2 10.1
333111	Blister or anode copper <sup>4</sup> .....	..do.....				
999812	Copper and copper-base alloy scrap (purchased scrap only).....	..do.....				
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	77.2	(X)	122.8
	INDUSTRY 3332.--PRIMARY LEAD <sup>1</sup>					
	Materials, containers and supplies, total <sup>2</sup> .....	.....	(X)	262.6	(X)	222.3
103200	Lead:					
	Ores and concentrates.....	Gross weight thousand tons....	1,002.6	152.8	866.6	131.7
333233	Refined unalloyed lead.....		(X)	109.8	(X)	90.6
999813	Lead and lead-base alloy scrap.....	.....				
970099	All other materials and components, parts, containers, and supplies consumed.....	.....				
	INDUSTRY 3333.--PRIMARY ZINC <sup>1</sup>					
	Materials, containers, and supplies, total.....	.....	(X)	189.1	(X)	151.9
103300	Zinc:					
	Ores and concentrates.....	Gross weight thou- sand short tons..	1,757.3	147.5	1,878.8	118.4
333341	Refined unalloyed zinc.....	Thousand short tons.....	( <sup>5</sup> )	( <sup>5</sup> )	16.0	3.6
999814	Zinc and zinc-base alloy scrap, including drosses and skimmings (purchased scrap only).....	..do.....	124.1	15.9	106.4	12.9
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	25.7	(X)	16.9
	INDUSTRY 3334.--PRIMARY ALUMINUM <sup>1</sup>					
	Materials, containers, and supplies, total.....	.....	(X)	637.4	(X)	434.3
281951	Alumina.....	1,000 gross weight short tons.....	5,692.5	365.6	4,461.6	291.2
999812	Copper and copper-base alloy scrap (purchased scrap only).....	1,000 short tons.	(X)	271.8	{ 4.6	{ 2.6
970099	All other materials and components, parts, containers, and supplies consumed.....	.....				

See footnotes at end of table.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3341.--SECONDARY NONFERROUS METALS <sup>1</sup>					
	Materials, containers and supplies, total.....		(X)	1,012.9	(X)	676.6
333471	Aluminum ingot.....	Short tons.....	51.3	19.8	86.9	33.3
	Aluminum and aluminum-base alloy scrap (purchased scrap only):					
999809	From other establishments of the same company.....	...do.....	317.1	91.8	229.8	63.7
999810	From all other sources.....	...do.....	301.7	88.8	333.7	82.3
	Copper:					
333121	Refined unalloyed copper (cathodes, ingot, cakes, slabs, etc.)	...do.....	23.3	15.2	6.4	3.6
999812	Copper and copper-base alloy scrap (purchased scrap only etc.)	...do.....	417.5	256.6	357.5	159.0
	Lead:					
333233	Refined unalloyed lead.....	...do.....	50.7	13.1	122.9	26.5
999813	Lead and lead-base alloy scrap (purchased scrap only).....	...do.....	530.2	109.2	524.1	77.3
	Zinc:					
333341	Refined unalloyed zinc.....	...do.....	70.0	19.6	68.8	17.2
999814	Zinc and zinc-base alloy scrap (purchased scrap only).....	...do.....	99.5	17.3	81.8	11.5
	Tin:					
333976	Refined unalloyed tin.....	...do.....	40.0	46.5	13.6	31.2
999815	Tin plate scrap.....	...do.....			352.6	9.1
970099	All other items, components, parts, containers and supplies consumed.....		(X)	230.8	-	161.9
976000	All other materials, n.s.k. <sup>6</sup> .....		(X)	104.2	(X)	-

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Smelting and refining establishments were instructed to include in their reports the quantity and cost of purchased materials which they processed or furnished to others for toll processing, but to exclude materials processed on a toll basis for others. Accordingly the data shown in this table exclude considerable quantities of materials consumed by establishments in this industry in the production of the products shown in table 3.

<sup>2</sup>The cost of materials for this industry includes extensive duplication. This duplication arises because the products of some establishments are used as materials by other establishments in the same industry.

<sup>3</sup>Includes leaching ores received in crude form from mines by leaching plants operated in conjunction with smelting and refining operations. Such ores represent about half the total quantity of ores, concentrates and precipitates consumed but about 15 percent of the value of these materials.

<sup>4</sup>Excludes materials consumed by establishments producing copper by leaching or from Lake Superior ores as no distinct blister stage exists in the production at these establishments.

<sup>5</sup>Included with material code 970099, "All other materials and components, parts, containers, and supplies consumed," to avoid disclosing figures for individual companies.

<sup>6</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963-Continued

(See Appendix, Explanation of Terms)

Code	Material	1967		1963	
		Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)
	INDUSTRY 3351.--COPPER BOLLING AND DRAWING <sup>1</sup>				
	Materials, containers, and supplies, total.....	(X)	1,587.0	(X)	1,120.6
	Nonferrous metals and alloys (ingot, pig, shot, etc.):				
333404	Aluminum, unalloyed.....	71.5	35.4	31.5	13.4
333405	Aluminum-base alloys.....			18.5	8.6
333121	Copper, unalloyed (cathodes, ingot( cakes, slabs, etc.).....	801.8	673.8	839.0	527.6
333113	Copper-base alloy raw materials (ingot billets, shot, waffle, hardeners, etc.)....	202.1	188.1	224.0	132.7
333232	Lead and lead-base alloys.....	3.1	0.9	3.3	0.8
333973	Magnesium and magnesium-base alloys.....	0.2	0.2	( <sup>2</sup> )	( <sup>2</sup> )
333971	Nickel and nickel-base alloys.....	6.7	12.3	7.0	11.5
333348	Zinc and zinc-base alloys.....	94.4	28.0	100.9	24.9
333909	Other nonferrous metals and alloys.....	2.8	6.6	(NA)	11.9
	Noferrous metal scrap (excluding home scrap):				
	Aluminum and aluminum-base alloy:				
999809	From other establishments of the same company.....	47.2	21.0	6.3	2.8
999810	From other sources, excluding home scrap.....				
999812	Copper and copper-base alloy.....	485.3	342.8	380.2	189.3
999814	Zinc and zinc-base alloy, including drosses and skimming.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
335200	Aluminum and aluminum-base alloy mill shapes (rod, bar, sheets, etc.).....	( <sup>2</sup> )	( <sup>2</sup> )	23.7	13.9
335100	Brass mill shapes (rod, bar, sheet, etc.).....	66.0	61.3	79.4	55.6
970099	All other materials and components, parts, containers, and supplies consumed.....	(X)	157.9	(X)	83.0
976000	Materials, parts, containers, and supplies, n.s.k. <sup>3</sup> .....	(X)	58.7	(X)	44.6
	INDUSTRY 3352.--ALUMINUM ROLLING AND DRAWING <sup>4</sup>				
	Materials, containers, and supplies, total.....	(X)	1,935.0	(X)	1,414.6
	Nonferrous metals and alloys (ingot, pig, shot, etc.):				
333404	Aluminum, unalloyed.....	1,345.6	640.4	1,032.7	466.2
333405	Aluminum-base alloys.....	1,495.2	764.4	1,029.1	518.9
333121	Copper, unalloyed (cathodes, ingot, cakes, slabs, etc.).....	( <sup>2</sup> )	( <sup>2</sup> )		
333113	Copper-base alloy raw materials (ingots, billets, shot, waffle, hardeners, etc.)..	( <sup>2</sup> )	( <sup>2</sup> )	22.4	13.2
333232	Lead and lead-base alloys.....	( <sup>2</sup> )	( <sup>2</sup> )	2.5	1.0
333973	Magnesium and magnesium-base alloys.....	31.3	20.2	15.3	10.8
333971	Nickel and nickel-base alloys.....	( <sup>2</sup> )	( <sup>2</sup> )	(NA)	(NA)
333348	Zinc and zinc-base alloys.....	(NA)	1.6	3.5	1.3
333909	Other nonferrous metals and alloys.....	18.7	8.0	(NA)	4.3
	Nonferrous mill shapes:				
335200	Aluminum and aluminum-base alloy mill shapes.....	145.3	89.7	143.4	90.2
335100	Brass mill shapes (rod, bar, sheet, etc.) .....	(NA)	1.6	6.8	6.8
	Nonferrous metal scrap (except home scrap):				
	Aluminum and aluminum-base alloy:				
999809	From other establishments of the same company.....	144.9	62.7	102.0	25.6
999810	From other sources.....	105.8	43.8	104.0	39.9
999812	Copper and copper-base alloy.....	6.4	4.3	11.6	5.8
999814	Zinc and zinc-base alloy.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
970099	All other materials and components, parts, containers and supplies consumed.....	(X)	226.9	(X)	167.6
976000	Materials, containers, parts and supplies, n.s.k. <sup>3</sup> .....	(X)	71.4	(X)	63.1

See footnotes at end of table.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	1967		1963		
		Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	
INDUSTRY 3356.--NONFERROUS ROLLING AND DRAWING, N.E.C. <sup>4</sup>						
	Materials, containers, and supplies, total.....	(X)	596.7	(X)	368.4	
	Nonferrous metals and alloys (ingot, pig, shot, etc.):					
333404	Aluminum, unalloyed.....	}	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	
333405	Aluminum-base alloys.....		( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	
333121	Copper, unalloyed (cathodes, ingot, cakes, slabs, etc.).....		8.9	7.1	5.9	3.7
333113	Copper-base alloy raw materials (ingot, billets, shot, waffle, hardeners, etc.)....		58.0	19.1	44.4	14.4
333232	Lead and lead-base alloys.....		( <sup>2</sup> )	( <sup>2</sup> )	15.1	7.9
333973	Magnesium and magnesium-base alloys.....		43.5	81.3	( <sup>2</sup> )	
333971	Nickel and nickel-base alloys.....		38.3	10.0	51.1	
333348	Zinc and zinc-base alloys.....		(NA)	(NA)	96.6	
333909	Other nonferrous metals and alloys.....					
	Nonferrous metal scrap (excluding home scrap):					
	Aluminum and aluminum-base alloy:					
999809	From other establishments of your company.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	
999810	From all other sources (excluding home scrap).....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	
999812	Copper and copper-base alloy.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	
999814	Zinc and zinc-base alloy, including drosses and skimming.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	
335100	Brass mill shapes (rod, bar, sheet, etc.).....	1.3	1.4	0.3	0.3	
970099	All other materials and components, parts, containers, and supplies consumed.....	(X)	236.2	(X)	200.4	
976000	Materials, parts, containers, and supplies, n.s.k. <sup>3</sup> .....	(X)	58.9	(X)	32.4	
INDUSTRY 3357.--NONFERROUS WIREDRAWING, ETC.						
	Materials, containers, and supplies, total.....	(X)	2,232.5	(X)	1,405.4	
	Wire bar:					
333473	Aluminum and aluminum-base alloy.....	(D)	(D)	(NA)	(NA)	
333125	Copper and copper-base alloy.....	943.2	389.8	(NA)	(NA)	
	Nonferrous metal mill shapes and forms (except castings):					
	Rods:					
335251	Aluminum and aluminum-base alloy.....	399.1	104.0	222.4	60.0	
335124	Copper, unalloyed.....	1,013.9	450.2	920.1	301.4	
335125	Copper-base alloy.....	140.7	61.3	185.5	62.0	
	Wire for redrawing:					
335211	Aluminum and aluminum-base alloy.....	26.3	10.1	3.3	1.1	
335112	Copper and copper-base alloy.....	100.8	47.4	60.4	22.3	
335608	Other nonferrous metals.....	18.9	18.6	10.3	7.8	
	Bare wire (except wire for redrawing):					
335725	Copper and copper-base alloy (electrical).....	432.8	211.3	331.1	130.1	
335718	Aluminum and aluminum-base alloy.....	23.9	9.1	13.5	4.8	
	All other mill shapes and forms:					
335109	Copper and copper-base alloy, including mechanical wire.....	30.6	23.6	40.9	22.6	
335207	Aluminum and aluminum-base alloy.....	95.5	36.6	13.8	4.6	
335609	All other nonferrous metal mill shapes.....	(NA)	8.8	(NA)	6.8	
335790	Insulated wire and cable for further processing.....	73.8	51.2	24.0	18.6	
333121	Refined unalloyed copper (cathodes, ingot, cakes, slabs, etc., but excluding wire bar).....	(D)	(D)	}	428.2	
333113	Copper-base alloy raw materials (ingot, billets, shot, waffle, hardeners, etc.)....	(D)	(D)			(D)
999812	Copper and copper-base alloy scrap.....	(D)	(D)			
086111	Natural rubber.....	(D)	(D)	4.6	2.9	
282202	Synthetic rubber.....	49.3	28.7	46.9	26.1	
282101	Polyethylene plastics, all forms.....	263.7	61.0	198.8	57.9	
282101	Vinyl plastics, all forms.....	356.8	65.7	251.2	44.9	
228102	Cotton yards.....	8.3	6.5	12.6	9.7	
970099	All other materials and components, parts, containers and supplies consumed.....	(X)	518.7	(X)	330.5	
976000	Materials, containers, parts, and supplies, n.s.k. <sup>3,5</sup> .....	(X)	129.9	(X)	42.0	

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	1967		1963	
		Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)
	INDUSTRY 3361.--ALUMINUM CASTINGS				
	Materials, parts, containers, and supplies, total.....	(X)	347.2	(X)	262.0
331051	Pig iron (excluding silvery iron).....	(NA)	( <sup>2</sup> )	2.9	0.2
	Nonferrous metal alloys and ferroalloys (ingot, pig, shot, etc.):				
333404	Aluminum, unalloyed.....	28.2	14.3	22.0	10.1
333405	Aluminum-base alloys.....	378.4	176.4	338.5	147.7
333121	Copper, unalloyed (cathodes, ingot, cakes, slabs, etc.).....	( <sup>2</sup> )	( <sup>2</sup> )	0.7	0.4
334123	Copper-base alloy raw materials (ingot, billets, shot, waffle, hardeners, etc.)...	9.6	8.5	8.7	5.3
333348	Zinc and zinc-base alloys.....	59.5	19.0	49.6	13.8
333973	Magnesium and magnesium-base alloys.....	3.9	2.5	3.9	2.4
331312	Ferromanganese.....	}	(NA)	0.5	0.7
331309	Other ferroalloys, including silvery iron.....				
	Scrap (purchased scrap only):				
999811	Iron and steel.....	2.4	0.2	2.1	0.1
999808	Aluminum and aluminum-base alloy.....	36.2	9.7	18.7	5.6
999812	Copper and copper-base alloy.....	(NA)	0.9	0.6	0.3
144503	Sand.....	(NA)	3.4		
325501	Clay refractories.....	(NA)	0.2	(NA)	(NA)
329701	Nonclay refractories.....	(NA)	0.2		
970099	All other materials and components, parts, containers, and supplies consumed.....	(X)	79.5	(X)	52.1
976000	Materials, parts, components, and supplies, n.s.k. <sup>3</sup> .....	(X)	31.9	(X)	23.6
	INDUSTRY 3362.--BRASS, BRONZE, COPPER CASTINGS				
	Materials, parts, containers, and supplies, total.....	(X)	196.6	(X)	132.1
331051	Pig iron (excluding silvery iron).....	7.2	0.5	3.9	0.3
	Nonferrous metal alloys and ferroalloys (ingot, pig, shot, etc.):				
333404	Aluminum, unalloyed.....	8.0	4.3	1.6	0.7
333405	Aluminum-based alloys.....	23.8	12.0	8.1	3.9
333121	Copper, unalloyed (cathodes, ingot, cakes, slabs, etc.).....	16.6	13.0	13.2	8.1
334123	Copper-base alloy raw materials (ingot, billets, shot, waffle, hardeners, etc.)...	72.8	68.0	73.4	43.5
333348	Zinc and zinc-base alloys.....	1.8	0.5	1.3	0.3
333973	Magnesium and magnesium-base alloys.....	0.4	0.2	0.1	(Z)
331213	Ferromanganese.....	}	(2)	3.3	1.9
331309	Other ferroalloys, including silvery iron.....				
	Scrap:				
999811	Iron and steel purchased scrap.....	26.2	1.0	6.4	0.3
	Nonferrous metal scrap:				
999808	Aluminum and aluminum-base alloy.....	1.1	0.5	0.2	0.1
999812	Copper and copper-base alloy.....	52.9	36.5	52.3	26.1
970099	All other materials and components, parts, containers, and supplies consumed.....	(X)	38.3	(X)	36.6
976000	Materials, parts, containers, and supplies, n.s.k. <sup>3</sup> .....	(X)	21.8	(X)	15.8
	INDUSTRY 3369.--NONFERROUS CASTINGS, N.E.C.				
	Materials, parts, containers, and supplies, total.....	(X)	181.2	(X)	104.6
331051	Pig iron (excluding silvery iron).....	(2)	(2)	(2)	(2)
	Nonferrous metal alloys and ferroalloys (ingot, pig, shot, etc.):				
333404	Aluminum, unalloyed.....	10.1	6.6		
333405	Aluminum-base alloy.....	21.9	10.2	24.5	11.6
333121	Copper, unalloyed (cathodes, ingot, cakes, slabs, etc.).....	0.3	0.3		
334123	Copper-base alloy raw materials (ingot, billets, shot, waffle, hardeners, etc.)..	1.7	1.7	1.7	1.3
333348	Zinc and zinc-base alloys.....	178.3	57.4	132.1	35.0
333973	Magnesium and magnesium-base alloys.....	5.3	4.7	5.2	3.4
331312	Ferromanganese.....	-	-		
331309	Other ferroalloys, including silvery iron.....	18.5	3.6	4.6	1.0
	Scrap (purchased scrap only):				
999811	Iron and steel.....	(NA)	0.2	(2)	(2)
999808	Aluminum and aluminum-base alloy.....	(2)	(2)	0.1	(Z)
999812	Copper and copper-base alloy.....	(2)	(2)	(2)	(2)
970099	All other materials and components, parts, containers, and supplies consumed.....	(X)	61.9	(X)	36.6
976000	Materials, parts, containers, and supplies, n.s.k. <sup>3</sup> .....	(X)	34.6	(X)	15.8

Note: For 1963, materials consumed data for industries 3351, Copper rolling and drawing, and 3357, Nonferrous wire drawing, etc., were published separately by subindustry. For 1967, such data were not separately tabulated. Subindustry data for 1963 appear in Volume II, 1963 Census of Manufactures, in Table 7A.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. <sup>2</sup>From 10 to 30 percent of this figure was estimated.

<sup>3</sup>Data exclude tonnages of copper materials processed on a toll basis. Most of the material involved in toll processing is owned by establishments classified in other industries, principally industry 3357, Nonferrous Wire drawing, etc. As table 6A shows unalloyed copper rod, bar, and shapes (product code 3351211) is, by far, the most important mill product produced on a toll basis.

<sup>4</sup>Included with material code 970099, "all other materials and components, parts, containers, and supplies, consumed." To avoid disclosing operations of individual companies.

<sup>5</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

<sup>6</sup>Data exclude tonnages of nonferrous materials processed on a toll basis.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 3391.--IRON AND STEEL FORGINGS						
	Materials, containers, and supplies, total.....		(X)	589.2	(X)	408.3
	Carbon steel:					
331041	Ingots.....	1,000 short tons	116.8	15.3	12.5	1.5
331042	Blooms, billets, and slabs.....	..do.....	379.7	52.5	378.1	52.9
331043	Bars.....	..do.....	933.9	145.7	577.9	96.5
	Alloy steel (except stainless):					
331044	Ingots.....	..do.....	16.2	3.8	19.0	4.2
331045	Blooms, billets, and slabs.....	..do.....	225.5	68.5	182.2	53.9
331046	Bars.....	..do.....	414.9	100.7	351.5	85.2
	Stainless steel:					
331047	Ingots.....	..do.....	0.3	0.5	1.0	1.4
331048	Blooms, billets, and slabs.....	..do.....	13.6	15.6	7.8	8.7
331049	Bars.....	..do.....	6.0	7.7	6.3	7.4
	Aluminum and aluminum-base alloy:					
333471	Ingots.....	..do.....	0.5	0.4	( <sup>1</sup> )	( <sup>1</sup> )
335208	Mill shapes.....	Million lbs.....	4.5	2.3	3.1	1.9
	Titanium and titanium-base alloy:					
335600	Ingots.....	..do.....	17.8	42.4	3.9	10.9
335601	Mill shapes.....	..do.....				
970099	All other materials, and components, parts, containers, and supplies consumed.....		(X)	78.7	(X)	68.7
976000	Materials, n.s.k. <sup>3</sup> .....		(X)	55.1	(X)	15.0
INDUSTRY 3392.--NONFERROUS FORGINGS						
	Materials, containers, and supplies, total.....		(X)	161.2	(X)	85.3
	Carbon steel:					
331041	Ingots.....	1,000 short tons	37.2	18.7	23.8	13.1
331042	Blooms, billets, and slabs.....	..do.....				
331043	Bars.....	..do.....				
	Alloy steel (except stainless):					
331044	Ingots.....	..do.....	37.2	18.7	23.8	13.1
331045	Blooms, billets, and slabs.....	..do.....				
331046	Bars.....	..do.....				
	Stainless steel:					
331047	Ingots.....	..do.....	37.2	18.7	23.8	13.1
331048	Blooms, billets, and slabs.....	..do.....				
331049	Bars.....	..do.....				
335129	Copper and copper-base alloy forging stock.....	Million lbs....	18.2	8.5	(NA)	(NA)
	Aluminum and aluminum-base alloy:					
333471	Ingots.....	1,000 short tons	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
335208	Mill shapes.....	Million lbs....	88.3	46.8	66.8	26.1
	Titanium and titanium-base alloy:					
335600	Ingots.....	..do.....	2.9	9.2	1.5	5.0
335601	Mill shapes.....	..do.....				
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	73.9	(X)	40.3
976000	Materials, n.s.k. <sup>2</sup> .....		(X)	4.1	(X)	0.8

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. <sup>e</sup>From 10 to 30 percent of this figure was estimated.

<sup>1</sup>The value for this material is included with material code 970099, "All other materials and components, parts, containers, and supplies consumed," to avoid disclosing operations of individual companies.

<sup>2</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963-Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 3411.--METAL CANS						
	Materials, parts, containers, and supplies, total.....		(X)	1,713.4	(X)	1,212.5
	Mill shapes and forms (except castings):					
	Carbon steel:					
331018	Tinplate, terneplate and blackplate <sup>1</sup> .....	1,000 short tons.	5,323.4	1,170.6	4,611.4	938.8
331011	Bars and bar shapes.....	do.....	(NA)	8.1	11.3	2.8
331012	Sheet and strip.....	do.....				
331017	Wire and wire products.....	do.....				
331019	All other carbon steel mill shapes and forms.....	do.....				
331020	Alloy steel (except stainless).....	do.....	(NA)	2.0	0.3	0.2
331031	Stainless steel mill shapes and forms.....	do.....				
	Aluminum and aluminum-base alloy: <sup>1</sup>					
335202	Sheet, plate, and foil.....	Million lbs.....	456.3	157.8	115.2	35.4
335209	All other aluminum mill shapes and forms (wire, rod, extruded shapes, etc.).....	do.....				
285101	Paints, varnishes, lacquers, japans, and enamels.....	1,000 gal.....	21,738.6	55.1	15,657.0	39.4
260091	Paper and paperboard containers, including corrugated boxes.....		(X)	44.0	(X)	33.3
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	257.1	(X)	151.5
976000	Materials, parts, containers, and supplies, n.s.k. <sup>2</sup> .....		(X)	18.7	(X)	11.2
INDUSTRY 3421.--CUTLERY						
	Materials, parts, containers, and supplies, total.....		(X)	94.4	(X)	64.5
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	3.5	0.6	4.3	0.8
331012	Sheet and strip.....	do.....	13.1	4.0	14.2	5.4
331013	Plates.....	do.....	-	-	( <sup>3</sup> )	( <sup>3</sup> )
331017	Wire and wire products.....	do.....	0.9	0.2	0.3	0.1
331019	All other carbon steel mill shapes and forms.....	do.....			<sup>3</sup> 2.4	<sup>3</sup> 0.5
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	do.....	1.3	0.5	0.4	0.2
331029	All other alloy steel mill shapes and forms.....	do.....				
331031	Stainless steel.....	do.....	5.5	8.5	6.7	6.4
	Copper and copper-base alloy mill shapes and forms:					
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	1.4	1.2	3.8	1.7
335123	Plate, sheet, and strip (including military cups and discs).	do.....			0.3	0.3
335127	Pipe and tube.....	do.....				
	Aluminum and aluminum-base alloy mill shapes and forms:					
335202	Sheet, plate, and foil.....	do.....	2.2	1.3	2.8	1.2
335209	All other aluminum mill shapes and forms.....	do.....				
	Castings (rough and semifinished): <sup>4</sup>					
332011	Iron (gray and malleable).....	1,000 short tons.	0.6	0.4	0.7	0.4
332300	Steel.....	do.....	(Z)	(Z)	0.1	0.2
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	0.1	0.1	(Z)	(Z)
339100	Iron and steel forgings <sup>4</sup> .....	1,000 short tons.	1.5	0.9	0.2	0.3
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	71.2	(X)	42.8
976000	Materials, parts, containers and supplies, n.s.k. <sup>2</sup> .....		(X)	5.5	(X)	4.2

See footnotes at end of table.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 3423.--HAND AND EDGE TOOLS, N.E.C.						
	Materials, parts, containers, and supplies, total.....		(X)	245.6	(X)	162.6
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	89.6	19.7	91.7	17.2
331012	Sheet and strip.....	do.....	64.5	14.6	60.1	11.8
331013	Plates.....	do.....			1.0	0.2
331017	Wire and wire products.....	do.....	<sup>s</sup> 10.4	<sup>s</sup> 2.5	4.8	1.5
331019	All other carbon steel mill shapes and forms.....	do.....			4.7	1.6
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	do.....	48.5	16.5	37.3	10.2
331029	All other alloy steel mill shapes and forms.....	do.....			3.4	2.0
331031	Stainless steel.....	do.....			0.5	0.6
	Copper and copper-base alloy mill shapes and forms:					
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	2.1	1.6	0.9	0.5
335123	Plate, sheet, and strip, including military cups and discs...	do.....	0.4	0.3	0.4	0.3
335127	Pipe and tube.....	do.....	( <sup>e</sup> )	( <sup>e</sup> )	0.8	0.6
	Aluminum and aluminum-base alloy mill shapes and forms:					
335202	Sheet, plate, and foil.....	do.....	4.5	2.8	3.3	1.3
335209	All other aluminum mill shapes and forms.....	do.....			1.2	0.7
	Castings (rough and semifinished): <sup>7</sup>					
332011	Iron (gray and malleable).....	1,000 short tons.	16.8	10.3	15.4	8.8
332300	Steel.....	do.....	5.1	4.3	1.9	1.3
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	4.2	3.6	3.2	2.2
339100	Iron and steel forgings <sup>8</sup> .....	1,000 short tons.	(NA)	18.9	8.1	7.3
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	100.8	(X)	68.0
976000	Materials, parts, containers, and supplies, n.s.k. <sup>2</sup> .....		(X)	49.7	(X)	26.3
INDUSTRY 3425.--HANDSAWS AND SAW BLADES						
	Materials, parts, containers, and supplies, total.....		(X)	49.9	(X)	32.7
	Mill shapes and forms (except castings):					
	Carbon steel:					
331012	Sheet and strip.....	1,000 short tons.	6.9	6.6	8.0	5.2
331013	Plates.....	do.....	1.3	0.7	0.8	0.2
331011	Bars and bar shapes.....	do.....	4.9	1.5	3.6	1.4
331017	Wire and wire products.....	do.....				
331019	All other carbon steel mill shapes and forms.....	do.....				
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	do.....	14.4	20.1	10.4	12.8
331029	All other alloy steel mill shapes and forms.....	do.....				
331031	Stainless steel.....	do.....			(Z)	(Z)
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	15.9	(X)	12.1
973000	Materials, parts, containers, and supplies, n.s.k. <sup>2</sup> .....		(X)	5.1	(X)	1.9

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3429.--HARDWARE, N.E.C.					
	Materials, parts, containers, and supplies, total.....		(X)	855.9	(X)	654.0
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	103.1	19.2	89.4	16.4
331012	Sheet and strip.....	..do.....	746.1	124.5	635.2	111.3
331013	Plates.....	..do.....	( <sup>3</sup> )	( <sup>3</sup> )	3.9	0.6
331017	Wire and wire products.....	..do.....	101.0	20.8	91.3	19.7
331019	All other carbon steel mill shapes and forms.....	..do.....	<sup>9</sup> 348.4	<sup>9</sup> 312.5	14.7	4.9
331020	Alloy steel (except stainless).....	..do.....	7.6	2.9	3.6	1.6
331031	Stainless steel.....	..do.....	43.1	42.7	37.9	37.3
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction only).....	Million lbs.....	2.4	1.8	( <sup>6</sup> )	( <sup>6</sup> )
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	..do.....	26.2	12.8	22.8	10.7
335123	Plate, sheet, and strip, including military cups and discs..	..do.....	30.1	18.3	30.8	17.6
335127	Pipe and tube.....	..do.....	( <sup>6</sup> )	( <sup>6</sup> )	2.0	1.6
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate and foil.....	..do.....	29.4	13.0	25.1	11.3
335205	Extruded shapes.....	..do.....	18.2	8.7	16.3	7.8
335209	All other aluminum mill shapes and forms.....	..do.....	2.7	1.4	8.4	4.4
	Primary metals:					
333122	Copper and copper-base alloy refinery shapes.....	1,000 short tons.	8.9	7.7	7.4	4.8
333348	Zinc and zinc-base alloy refinery shapes.....	..do.....	127.2	39.5	119.7	33.8
333401	Aluminum and aluminum-base alloy refinery shapes.....	..do.....	3.9	1.9	4.4	2.4
339915	Metal powders.....	Million lbs.....	( <sup>6</sup> )	( <sup>6</sup> )	(NA)	(NA)
	Castings (rough and semifinished): <sup>10</sup>					
332011	Iron (gray and malleable).....	1,000 short tons.	55.1	24.6	58.9	20.4
332300	Steel.....	..do.....	8.3	5.1	4.2	2.3
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	6.8	4.9	5.3	3.4
336200	Copper and copper-base alloy.....	..do.....	11.3	9.6	(NA)	5.6
970099	All other materials and components, parts, containers, and supplies consumed.....	..do.....	(X)	383.4	(X)	291.8
976000	Materials, parts, containers, and supplies, n.s.k. <sup>2</sup> .....	..do.....	(X)	100.6	(X)	44.1

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. <sup>6</sup>From 10 to 30 percent of this figure was estimated.

<sup>1</sup>Data on the tonnage of tinplate, terneplate, blackplate and aluminum consumed in the production of cans constructed wholly of metal are published in Current Industrial Reports Series M34D, Metal Cans. The consumption total reported in the census of manufactures also includes such metal consumed in the production of secondary products.

<sup>2</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967 this includes estimates for companies that were not mailed report forms.

<sup>3</sup>Material code 331013, carbon steelplate is combined with material code 331019, all other carbon steel mill shapes and forms.

<sup>4</sup>Does not include castings or forgings produced and consumed in the same establishment.

<sup>5</sup>These figures are understated by \$2 million or less because of apparent undercoverage of carbon steel pipe and tube.

<sup>6</sup>Included with material code 970099, All other materials and components, etc.

<sup>7</sup>No data are available for castings produced and consumed in the same establishment.

<sup>8</sup>In 1967, 6.2 thousand short tons of iron and steel forgings were produced and consumed in the same establishment. The comparable figure for 1963 is 3.8 thousand short tons.

<sup>9</sup>These figures are understated by \$5 million or less because of apparent undercoverage of carbon steel pipe and tube.

<sup>10</sup>In addition there were 3.5 and 2.7 thousand short tons of iron castings produced and consumed in the same establishment for 1967 and 1963 respectively. In 1963, 2.2 million pounds of aluminum castings were produced and consumed. Data on aluminum, steel, and copper castings produced and consumed for 1967 are not available. Also, no data are available for quantities of steel and copper castings produced and consumed in the same establishment in 1963.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 3431.—METAL SANITARY WARE						
	Materials, parts, containers, and supplies, total.....		(X)	84.6	(X)	77.5
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	41.2	7.4	0.9	0.2
331012	Sheet and strip.....	..do.....			55.7	8.7
331013	Plates.....	..do.....			2.2	0.4
331019	All other carbon steel mill shapes and forms.....	..do.....				
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	..do.....	7.1	6.6	1.1	0.1
331029	All other alloy steel mill shapes and forms.....	..do.....			-	-
331031	Stainless steel mill shapes and forms.....	..do.....			4.8	6.5
	Copper and copper base alloy:					
335790	Insulated wire and cable.....	Million lbs. copper content..	-	-	(1)	(1)
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	(1)	(1)	2.9	1.4
335123	Plate, sheet, and strip, including military cups and discs...	..do.....				
335127	Pipe and tube.....	..do.....				
	Aluminum and aluminum-base alloy:					
335205	Extruded shapes, rod, pipe, etc.....	..do.....	0.4	0.2	(1)	(1)
335209	All other aluminum mill shapes and forms (wire, rolled rod, sheet, plate, foil, etc.).....	..do.....				
	Primary metals:					
331051	Pig iron.....	1,000 short tons.	45.0	2.7	75.8	4.8
333401	Aluminum and aluminum-base alloy refinery shapes, (ingot, slugs, etc.).....	..do.....	(Z)	(Z)	(1)	(1)
333122	Copper and copper-base alloy refinery shapes.....	..do.....	(1)	(1)	(1)	(1)
	Scrap (excluding home scrap):					
999811	Iron and steel.....	..do.....	196.2	7.0	217.4	7.7
	Castings (rough and semifinished): <sup>2</sup>					
332011	Iron (gray and malleable) <sup>3</sup> .....	..do.....	(1)	(1)	5.1	1.7
332300	Steel.....	..do.....	(1)	(1)	(1)	(1)
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	(1)	(1)	(1)	(1)
336200	Copper and copper-base alloy.....	..do.....	(1)	(1)	(1)	(1)
339100	Iron and steel forgings <sup>2</sup> .....	1,000 short tons.	-	-	(1)	(1)
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	45.2	(X)	42.4
976000	Materials, n.s.k. <sup>3</sup> .....		(X)	15.5	(X)	3.6
INDUSTRY 3432.--PLUMBING FITTINGS AND BRASS GOODS						
	Materials, parts, containers, and supplies, total.....		(X)	194.5	(X)	156.9
	Mill shapes and forms (except castings):					
	Carbon steel:					
331012	Sheet and strip.....	1,000 short tons.	7.3	2.3	4.3	0.8
331013	Plates.....	..do.....			1.1	0.2
331019	All other carbon steel mill shapes and forms.....	..do.....			8.2	2.2
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	..do.....	7.3	2.3	0.3	(Z)
331029	All other alloy steel mill shapes and forms.....	..do.....				
331031	Stainless steel mill shapes and forms.....	..do.....			2.0	1.9
	Copper and copper-base alloy:					
335790	Insulated wire and cable.....	Million lbs. (copper content).	(1)	(1)	(1)	(1)
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	64.0	27.8	47.3	21.1
335123	Plate, sheet, and strip (including military cups and discs)..	..do.....	7.4	4.5	10.2	4.4
335127	Pipe and tube.....	..do.....	23.6	15.0	33.0	15.8
	Aluminum and aluminum-base alloy:					
335205	Extruded shapes, rod, bar, etc.....	..do.....	(NA)	0.2	0.7	(Z)
335209	All other aluminum mill shapes and forms (wire, rolled, bar, sheet, plate, foil, etc.).....	..do.....			0.4	(Z)

<sup>1</sup> See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3432.--PLUMBING FITTINGS AND BRASS GOODS--Continued					
	Primary metals:					
331051	Pig iron.....	1,000 short tons.	-	-	( <sup>1</sup> )	( <sup>1</sup> )
333401	Aluminum and aluminum-base alloy refinery shapes.....	...do.....	(Z)	(Z)	( <sup>1</sup> )	( <sup>1</sup> )
333122	Copper and copper-base alloy refinery shapes.....	...do.....	(NA)	16.4	30.5	13.7
	Scrap (excluding home scrap):					
999811	Iron and steel.....	...do.....	( <sup>1</sup> )	( <sup>1</sup> )	-	-
999808	Aluminum and aluminum-base alloy.....	...do.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
999812	Copper and copper-base alloy.....	...do.....	( <sup>1</sup> )	( <sup>1</sup> )	6.8	3.4
	Castings (rough and semifinished): <sup>4</sup>					
332011	Iron (gray and malleable).....	...do.....	3.1	1.2	4.0	1.1
332300	Steel.....	...do.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
336200	Copper and copper-base alloy.....	...do.....	30.6	19.3	19.4	10.1
339100	Iron and steel forgings <sup>4</sup> .....	1,000 short tons.	-	-	( <sup>1</sup> )	( <sup>1</sup> )
970099	All other materials, and components, parts, containers, and supplies consumed.....	.....	(X)	88.1	(X)	69.2
976000	Materials, components, parts, containers, and supplies consumed, n.s.k. <sup>4</sup> <sup>3</sup> .....	.....	(X)	19.7	(X)	12.3
	INDUSTRY 3433.-- HEATING EQUIPMENT, EXCEPT ELECTRIC					
	Materials, parts, containers, and supplies, total.....	.....	(X)	477.5	(X)	470.1
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	11.5	2.4	11.3	2.0
331012	Sheet and strip.....	...do.....	325.5	52.1	371.6	59.3
331013	Plates.....	...do.....	61.5	11.5	49.3	7.0
331015	Structural shapes.....	...do.....	8.1	1.9	3.0	0.6
331017	Wire and wire products.....	...do.....	(NA)	1.7	1.7	0.6
331019	All other carbon steel mill shapes and forms.....	...do.....	11.7	2.6	15.1	3.8
331020	Alloy steel (except stainless).....	...do.....	(NA)	0.9	8.3	2.9
331031	Stainless steel.....	...do.....	4.5	5.3	2.9	3.4
	Copper and copper-base alloy:					
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	6.3	4.1	2.5	1.0
335123	Plate, sheet, and strip (including military cups and discs)..	...do.....	(NA)	2.2	1.8	1.1
335127	Pipe and tube.....	...do.....	25.2	14.5	13.4	8.6
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	...do.....	14.0	5.8	16.8	6.8
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, etc.).....	...do.....	4.5	2.1	1.5	0.6
331051	Pig iron.....	1,000 short tons.	40.8	2.5	61.2	3.8
999811	Iron and steel scrap (excluding home scrap).....	...do.....	117.7	4.4	101.6	3.7
	Casting (rough and semifinished): <sup>5</sup>					
332011	Iron (gray and malleable).....	...do.....	33.5	16.2	31.2	10.7
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	3.9	3.2	3.9	2.9
336200	Copper and copper-base alloy.....	...do.....	3.3	2.5	1.7	1.2
	Electric motors and generators: <sup>5</sup>					
	Fractional horsepower electric motors (under 1 hp.)					
362110	Timing motors, synchronous and subsynchronous.....	1,000.....	1,505.5	15.9	718.7	8.1
362115	Other fractional horsepower electric motors.....	...do.....	1,201.1	15.8	1,566.7	17.9
362120	Integral horsepower motors and generators (1 hp. and over).....	...do.....	42.5	3.0	24.3	1.7
	Bearings:					
356218	Ball.....	.....	(X)	( <sup>1</sup> )	}	(X)
356201	Roller.....	.....	(X)	-		
970099	All other materials and components, parts, containers, and supplies.....	.....	(X)	223.4	(X)	264.3
976000	Materials, components, parts, containers, and supplies consumed, n.s.k. <sup>3</sup> .....	.....	(X)	83.5	(X)	57.3

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. <sup>6</sup>From 10 to 30 percent of this figure was estimated. (Z) Less than half the unit of measure specified.

<sup>1</sup>Included with material code 970099, "All other materials and components..." to avoid disclosing figures for individual companies.

<sup>2</sup>Data are not available for castings or forgings produced and consumed in the same establishment except for iron castings which totaled 182.0 thousand short tons in 1967 and 187.5 thousand short tons in 1963.

<sup>3</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967 this includes estimates for companies that were not mailed report forms.

<sup>4</sup>No data are available for castings or forgings produced and consumed in the same establishment.

<sup>5</sup>No data are available for castings or electric motors and generators produced and consumed in the same establishment.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See appendix, "Explanation of Terms")

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 3441.--FABRICATED STRUCTURAL STEEL						
	Materials, containers, parts, and supplies, total.....		(X)	1,330.8	(X)	947.2
	Mill shapes and forms (except castings):					
	Carbon steel:					
331009	Concrete reinforcing bars.....	1,000 short tons.	353.2	43.6	248.8	27.9
331010	Bars and bar shapes (except concrete reinforcing bars).....	..do.....	376.4	59.9	362.0	53.2
331012	Sheet and strip.....	..do.....	377.3	64.6	311.5	48.4
331013	Plates.....	..do.....	1,047.2	162.2	969.6	143.0
331015	Structural shapes.....	..do.....	2,959.6	475.5	2,432.4	354.6
331017	Wire and wire products.....	..do.....	50.5	9.6	37.1	6.1
331019	All other carbon steel mill shapes and forms.....	..do.....	1164.7	130.3	157.4	30.7
	Alloy steel (except stainless):					
331021	Bar and bar shapes.....	..do.....	23.9	5.0	9.9	1.7
331029	All other alloy steel mill shapes and forms.....	..do.....	10.1	3.0	30.8	7.4
331031	Stainless steel.....	..do.....	4.9	5.7	3.2	4.0
	Copper and copper-base alloy:					
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	(NA)	1.3	0.1	0.1
335123	Plate, sheet, and strip, (including military cups and discs)...	..do.....			0.3	0.3
335127	Pipe and tube.....	..do.....			2.3	0.4
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	..do.....	22.3	11.6	11.6	6.0
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	..do.....	28.0	13.9	10.2	4.7
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	..do.....			3.4	1.8
	Primary metals (ingot, pig, etc.):					
333401	Aluminum and aluminum-base alloy refinery shapes (ingot, slugs, billet, etc.).....	1,000 short tons.	(2)	(2)	(2)	(2)
333348	Zinc and zinc-base alloy refinery shapes.....	..do.....	(NA)	0.9	(2)	(2)
	Scrap (excluding home scrap):					
999811	Iron and steel.....	..do.....	(NA)	1.2	10.7	0.5
999808	Aluminum and aluminum-base alloy.....	..do.....	(NA)	0.1	(NA)	(Z)
	Castings (rough and semifinished): <sup>3</sup>					
332011	Iron (gray and malleable).....	..do.....	4.4	1.7	3.7	1.0
332300	Steel.....	..do.....	64.9	18.1	20.8	8.5
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	(2)	(2)	2.5	2.1
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	196.4	(X)	144.7
976000	Materials, etc., n.s.k. <sup>4</sup> .....		(X)	226.2	(X)	99.9
INDUSTRY 3442.--METAL DOORS, SASH, AND TRIM						
	Materials, containers, parts, and supplies, total.....		(X)	704.2	(X)	628.2
	Mill shapes and forms (except castings):					
	Carbon steel:					
331009	Concrete reinforcing bars.....	1,000 short tons.	9.1	1.8	30.5	4.6
331010	Bars and bar shapes (except concrete reinforcing bars).....	..do.....			269.7	42.9
331012	Sheet and strip.....	..do.....			2.9	0.5
331013	Plates.....	..do.....			21.7	3.5
331015	Structural shapes.....	..do.....			2.2	0.7
331017	Wire and wire products.....	..do.....			29.7	5.3
331019	All other carbon steel mill shapes and forms.....	..do.....				
	Alloy steel (except stainless):					
331021	Bar and bar shapes.....	..do.....	22.0	14.1	4.5	1.1
331029	All other alloy steel mill shapes and forms.....	..do.....				
331031	Stainless steel.....	..do.....			7.6	7.8
	Copper and copper-base alloy:					
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	0.5	0.3	0.3	0.2
335127	Pipe and tube.....	..do.....	(2)	(2)		
335123	Plate, sheet, and strip, including military cups and discs...	..do.....	1.3	0.8	1.4	0.6
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	..do.....	164.0	62.8	68.5	26.0
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	..do.....	289.1	116.0	334.5	128.0
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	..do.....	14.4	7.1	52.3	19.6

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 3442.--METAL DOORS, SASH, AND TRIM--Continued						
Primary metals (ingot, pig, etc.):						
333401	Aluminum and aluminum-base alloy refinery shapes (ingot, slugs, billet, etc.).....	1,000 short tons.	108.4	55.7	87.1	38.8
333348	Zinc and zinc-base alloy refinery shapes.....	...do.....	0.1	0.1	0.5	0.3
Scrap (excluding home scrap):						
999811	Iron and steel.....	...do.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
999808	Aluminum and aluminum-base alloy.....	...do.....	( <sup>2</sup> )	( <sup>2</sup> )	7.0	2.7
Castings (rough and semifinished): <sup>3</sup>						
332011	Iron (gray and malleable).....	...do.....	2.6	1.4	1.2	0.6
332300	Steel.....	...do.....	34.7	5.6	2.1	0.5
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	23.8	10.7	7.3	3.4
321101	Flat glass.....	.....	(X)	40.7	}	(X)
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	124.0		
976000	Materials, etc., n.s.k. <sup>4</sup> .....	.....	(X)	214.6		
INDUSTRY 3443.--FABRICATED PLATEWORK (BOILER SHOPS)						
Materials, containers, parts, and supplies, total.....			(X)	1,163.7	(X)	755.3
Mill shapes and forms (except castings):						
Carbon steel:						
331009	Concrete reinforcing bars.....	1,000 short tons..	19.7	3.4	6.0	0.8
331010	Bars and bar shapes (except concrete reinforcing bars).....	...do.....	89.6	15.1	67.2	11.4
331012	Sheet and strip.....	...do.....	449.7	69.6	377.3	56.6
331013	Plates.....	...do.....	1,652.8	248.7	1,500.8	215.8
331015	Structural shapes.....	...do.....	176.7	28.9	165.3	24.8
331017	Wire and wire products.....	...do.....	9.7	2.9	11.8	2.3
331019	All other carbon steel mill shapes and forms.....	...do.....	<sup>1</sup> 292.5	<sup>1</sup> 85.0	149.8	43.1
Alloy steel (except stainless):						
331021	Bars and bar shapes.....	...do.....	26.8	10.0	4.7	1.7
331029	All other alloy steel mill shapes and forms.....	...do.....	127.1	59.0	105.7	38.1
331031	Stainless steel.....	...do.....	38.9	46.6	22.8	33.0
Copper and copper-base alloy:						
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	2.9	3.3	0.5	0.3
335123	Plate, sheet, and strip, including military cups and discs..	...do.....	6.9	5.6	4.9	3.9
335127	Pipe and tube.....	...do.....	( <sup>2</sup> )	( <sup>2</sup> )	16.0	8.7
Aluminum and aluminum-base alloy:						
335202	Sheet, plate, and foil.....	...do.....	26.1	12.2	18.7	10.4
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	...do.....	4.2	2.3	2.0	1.1
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	...do.....	(NA)	0.5	2.6	1.1
Scrap (excluding home scrap):						
999811	Iron and steel.....	...do.....	92.8	3.4	32.3	1.3
Castings (rough and semifinished): <sup>3</sup>						
332011	Iron (gray and malleable).....	...do.....	( <sup>2</sup> )	( <sup>2</sup> )	7.4	2.7
332300	Steel.....	...do.....	(NA)	23.6	8.9	5.8
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	3.5	2.1	(NA)	0.3
321101	Flat glass.....	.....	(X)	1.6	(NA)	(NA)
970099	All other materials and components, parts, containers, and supplies consumed .....	.....	(X)	303.9	(X)	217.0
976000	Materials, etc., n.s.k. <sup>4</sup> .....	.....	(X)	236.0	(X)	75.6
INDUSTRY 3444.--SHEET METALWORK						
Materials, containers, parts, and supplies, total.....			(X)	794.9	(X)	562.4
Mill shapes and forms (except casting):						
Carbon steel:						
331009	Concrete reinforcing bars.....	1,000 short tons.	}	78.3	11.4	{
331010	Bars and bar shapes (except concrete reinforcing bars).....	...do.....				
331012	Sheet and strip.....	...do.....				
331013	Plates.....	...do.....	1,398.8	245.1	1,077.9	185.0
331015	Structural shapes.....	...do.....	53.0	8.4	84.0	11.9
331017	Wire and wire products.....	...do.....	40.4	6.5	35.0	5.9
331019	All other carbon steel mill shapes and forms.....	...do.....	}	<sup>5</sup> 54.2	<sup>5</sup> 10.6	{

See footnotes at end of table.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 3444.--SHEET METALWORK--Continued						
331021	Alloy steel (except stainless):					
331029	Bars and bar shapes.....	1,000 short tons.	28.6	20.7	1.0	0.3
	All other alloy steel mill shapes and forms.....	..do.....			28.5	6.1
331031	Stainless steel.....	..do.....			14.4	18.6
Copper and copper-base alloy:						
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	(NA)	1.0	0.3	0.1
335123	Plate, sheet, and strip, including military cups and discs...	..do.....	(NA)	4.0	13.2	6.8
335127	Pipe and tube.....	..do.....	(2)	(2)	1.9	0.8
Aluminum and aluminum base-alloy:						
335202	Sheet, plate, and foil.....	..do.....	199.8	74.2	119.0	58.5
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	..do.....	33.0	14.7	19.2	8.5
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	..do.....			40.8	16.8
Primary metals:						
333401	Aluminum and aluminum-base alloy refinery shapes (ingot, slugs, billet, etc.).....	1,000 s. tons....	(2)	(2)	1.2	0.6
333348	Zinc and zinc-base alloy refinery shapes.....	..do.....	(2)	(2)	2.9	0.7
Scrap (excluding home scrap):						
999811	Iron and steel.....	..do.....	(2)	(2)	(2)	(2)
999808	Aluminum and aluminum-base alloy.....	..do.....	(2)	(2)	(2)	(2)
Castings (rough and semifinished): <sup>3</sup>						
332011	Iron (gray and malleable).....	..do.....	(NA)	0.8	1.1	0.9
332300	Steel.....	..do.....	(NA)	11.5	0.7	0.2
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	(NA)	4.1	0.5	0.4
321101	Flat glass.....	Million sq. feet.	(NA)	0.7	(NA)	(NA)
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	163.5	(X)	106.2
976000	Materials, etc., n.s.k. <sup>4</sup> .....	.....	(X)	217.6	(X)	122.7
INDUSTRY 3446---ARCHITECTURAL METALWORK						
Materials, containers, parts, and supplies, total.....						
			(X)	222.1	(X)	99.9
Mill shapes and forms (except castings):						
Carbon steel:						
331009	Concrete reinforcing bars.....	1,000 short tons.	(6)	(6)	1.8	0.2
331010	Bars and bar shapes (except concrete reinforcing bars).....	..do.....	66.8	11.9	44.4	7.8
331012	Sheet and strip.....	..do.....	512.9	68.0	79.2	12.6
331013	Plates.....	..do.....	(6)	(6)	19.1	3.0
331015	Structural shapes.....	..do.....	63.1	10.6	36.6	6.1
331017	Wire and wire products.....	..do.....	(6)	(6)	3.7	0.8
331019	All other carbon steel mill shapes and forms.....	..do.....	696.5	615.8	15.6	3.1
Alloy steel (except stainless):						
331021	Bars and bar shapes.....	..do.....	15.2	3.3	1.3	0.3
331029	All other alloy steel mill shapes and forms.....	..do.....			0.6	0.4
331031	Stainless steel.....	..do.....			0.7	0.8
Copper and copper-base alloy:						
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	(NA)	4.5	0.7	1.7
335127	Pipe and tube.....	..do.....			0.4	0.3
335123	Plate, sheet, and strip, including military cups and discs...	..do.....				
Aluminum and aluminum-base alloy:						
335202	Sheet, plate, and foil.....	..do.....	(7)	(7)	5.2	2.6
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	..do.....	37.0	16.2	17.5	7.7
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	..do.....	719.7	79.7	2.0	1.3
Primary metals:						
333401	Aluminum and aluminum-base alloy refinery shapes (ingot, slugs, billet, etc.).....	1,000 short tons.	(2)	(2)	1.7	0.8
333348	Zinc and zinc-base alloy refinery shapes.....	..do.....	(2)	(2)	(2)	(2)
Scrap (excluding home scrap):						
999811	Iron and steel.....	..do.....	(2)	(2)	(2)	(2)
999808	Aluminum and aluminum-base alloy.....	..do.....	(2)	(2)	(2)	(2)

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963-Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 3446.--ARCHITECTURAL METALWORK--Continued						
Castings (rough and semifinished): <sup>3</sup>						
332011	Iron (gray and malleable).....	1,000 short tons.	( <sup>2</sup> )	( <sup>2</sup> )	2.1	0.7
332300	Steel.....	.....do.....	( <sup>2</sup> )	( <sup>2</sup> )	(NA)	0.4
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	( <sup>2</sup> )	( <sup>2</sup> )	1.7	0.8
321101	Flat glass.....	Million sq. feet.	( <sup>2</sup> )	( <sup>2</sup> )	(NA)	(NA)
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	39.3	(X)	27.0
976000	Materials, etc., n.s.k. <sup>4</sup> .....	.....	(X)	42.8	(X)	21.3
INDUSTRY 3449.--MISCELLANEOUS METALWORK						
Materials, containers, parts, and supplies, total.....						
			(X)	551.4	(X)	360.4
Mill shapes and forms (except castings):						
Carbon steel:						
331009	Concrete reinforcing bars.....	1,000 short tons.	1,009.4	114.4	972.9	102.4
331010	Bars and bar shapes (except concrete reinforcing bars).....	.....do.....	323.3	45.5	222.6	32.1
331012	Sheet and strip.....	.....do.....	645.3	115.6	430.7	72.7
331013	Plates.....	.....do.....	105.0	18.5	63.1	9.4
331015	Structural shapes.....	.....do.....	176.0	25.9	79.6	12.8
331017	Wire and wire products.....	.....do.....	58.3	10.3	60.8	9.3
331019	All other carbon steel mill shapes and forms.....	.....do.....			24.9	4.2
Alloy steel (except stainless):						
331021	Bars and bar shapes.....	.....do.....	6.6	2.8	3.3	0.7
331029	All other alloy steel mill shapes and forms.....	.....do.....			10.1	2.0
331031	Stainless steel.....	.....do.....			0.9	1.3
Copper and copper-base alloy:						
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	0.5	0.3	(NA)	0.4
335127	Pipe and tube.....	.....do.....	(NA)	0.3		
335123	Plate, sheet, and strip, including military cups and discs...	.....do.....	(NA)	1.6		
Aluminum and aluminum-base alloy:						
335202	Sheet, plate, and foil.....	.....do.....	30.8	12.5	27.3	11.0
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	.....do.....	21.2	10.2	18.2	8.0
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	.....do.....			0.6	0.3
Primary metals:						
333401	Aluminum and aluminum-base alloy refinery shapes (ingot, slugs, billet, etc.).....	1,000 short tons.	(2)	(2)	(2)	(2)
333348	Zinc and zinc-base alloy refinery shapes.....	.....do.....			(2)	(2)
999811	Scrap (excluding home scrap): Iron and steel.....	.....do.....	393.5	6.6	(2)	(2)
Castings (rough and semifinished): <sup>3</sup>						
332011	Iron (gray and malleable).....	.....do.....	1.1	0.5	1.8	0.6
332300	Steel.....	.....do.....	(2)	(2)	(2)	(2)
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	(NA)	0.6	0.5	0.5
321101	Flat glass.....	.....	(X)	1.2	(NA)	(NA)
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	100.9	(X)	49.4
976000	Materials, etc., n.s.k. <sup>4</sup> .....	.....	(X)	83.7	(X)	43.3

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. <sup>5</sup>From 10 to 30 percent of this figure was estimated. (Z) Less than \$50 thousand.

<sup>1</sup>These figures are understated by \$5 to \$10 million because of apparent undercoverage of carbon steel pipe and tube.

<sup>2</sup>Included with material code 970099, "All other materials and components, etc.,"

<sup>3</sup>No data are available for the quantities of castings produced and consumed in the same establishment. For 1967, this includes estimates

<sup>4</sup>This item represents the total cost of materials for establishments that did not report detailed materials data.

<sup>5</sup>These items are understated by \$5 million or less because of apparent undercoverage of carbon steel pipe and tube.

<sup>6</sup>Data for material codes 331009, 331013, and 331017 are included with material code 331019, All other carbon steel mill shapes and forms

<sup>7</sup>Data for material code 335202 is included with material code 335209, All other aluminum mill shapes and forms.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3451.--SCREW MACHINE PRODUCTS					
	Materials, parts, containers, and supplies, total.....		(X)	316.1	(X)	183.7
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	328.2	85.0	225.6	55.7
331012	Sheet and strip.....	..do.....	11.1	2.3	2.9	0.6
331017	Wire and wire products.....	..do.....	12.0	2.8	4.8	1.1
331013	Plates.....	..do.....	0.6	0.2	0.4	0.1
331019	All other carbon steel mill shapes and forms.....	..do.....	7.7	1.6	3.3	1.0
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	..do.....	28.3	9.3	17.3	6.1
331029	All other alloy steel mill shapes and forms.....	..do.....	(NA)	1.4	1.0	0.9
331031	Stainless steel mill shapes and forms.....	..do.....	11.5	17.0	6.3	8.4
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction).....	Million lbs.....	13.4	8.0	2.9	1.3
334102	Rod, bar, and mechanical wire.....	..do.....	84.4	41.6	79.8	30.1
335123	Plate, sheet, and strip.....	..do.....	0.3	0.7	(Z)	0.1
335127	Pipe and tube.....	..do.....	4.5	2.3	1.6	0.7
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	..do.....	5.9	3.9	0.3	0.2
335205	Extruded shapes.....	..do.....	18.0	12.0	7.3	4.7
335209	All other aluminum mill shapes and forms.....	..do.....	7.4	5.2	3.8	2.6
	Castings (rough and semifinished): <sup>1</sup>					
332300	Steel castings.....	1,000 short tons.	3.7	2.8	3.1	1.5
307902	Plastic rods, tubes, and other shapes.....		(NA)	0.6	(NA)	0.6
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	65.2	(X)	37.7
976000	Materials, parts, containers, and supplies, n.s.k. <sup>2</sup> .....		(X)	54.2	(X)	30.3
	INDUSTRY 3452.--BOLTS, NUTS, RIVETS, AND WASHERS					
	Materials, parts, containers, and supplies, total.....		(X)	556.3	(X)	433.6
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons..	329.5	57.4	304.0	51.1
331012	Sheet and strip.....	..do.....	184.9	35.3	131.1	23.3
331013	Plates.....	..do.....	34.0	4.3	21.9	2.4
331017	Wire and wire products.....	..do.....	666.6	136.6	653.9	128.0
331019	All other carbon steel mill shapes and forms.....	..do.....	41.8	7.9	48.7	10.9
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	..do.....	58.2	17.3	51.8	14.1
331029	All other alloy steel mill shapes and forms.....	..do.....	51.2	17.5	48.9	15.3
331031	Stainless steel mill shapes and forms.....	..do.....	15.0	21.2	15.3	20.5
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction).....	Millions of lbs...	3.9	2.9	<sup>3</sup> 0.5	<sup>3</sup> 0.6
335102	Rod, bar, and mechanical wire.....	..do.....	52.3	36.6	33.6	18.1
335127	Pipe and tube.....	..do.....			13.7	7.0
335123	Sheet, plate, and strip.....	..do.....				
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	..do.....	32.8	16.1	2.4	1.1
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	..do.....			2.2	1.0
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	..do.....			11.5	7.1
332300	Steel castings (rough and semifinished) <sup>4</sup> .....	1,000 short tons..	4.6	3.6	6.9	4.3
307902	Plastic rods, tubes, and other shapes.....		(X)	132.8	(X)	0.7
970099	All other materials and components, parts, containers, and supplies consumed.....				(X)	100.6
976000	Materials, parts, containers, and supplies, n.s.k. <sup>2</sup> .....					

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3461.--METAL STAMPINGS					
	Materials, parts, containers, and supplies, total.....	.....	(X)	2,625.8	(X)	\$2,076.8
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons	145.8	33.9	111.7	19.0
331012	Sheet and strip.....	..do.....	8,191.3	1,300.1	\$7,323.2	\$1,079.4
331013	Plates.....	..do.....	133.8	19.9	106.3	15.0
331015	Structural shapes.....	..do.....	9.6	3.0	14.5	2.9
331017	Wire and wire products.....	..do.....	73.2	15.3	\$51.2	\$9.9
331018	Tinplate, terne plate, and black plate.....	..do.....	498.3	99.9	457.2	89.2
331019	All other carbon steel mill shapes and forms.....	..do.....	\$37.9	\$8.4	35.2	7.4
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	..do.....	11.5	4.6	4.6	3.0
331029	All other alloy steel mill shapes and forms.....	..do.....	143.1	35.4	95.2	24.0
331031	Stainless steel.....	..do.....	85.3	96.6	67.0	74.0
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction).....	Million lbs....	4.0	3.7	2.1	1.2
335102	Rod, bar, and mechanical wire.....	..do.....	8.4	3.9	19.0	7.7
335123	Plate, sheet, and strip.....	..do.....	35.5	28.2	62.6	33.9
335127	Pipe and tube.....	..do.....	(7)	(7)	3.5	2.9
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	..do.....	248.1	115.3	212.4	92.3
335205	Extruded shapes.....	..do.....	37.1	19.4	24.4	12.1
335209	All other aluminum mill shapes and forms.....	..do.....	5.7	2.9	9.8	4.6
333348	Zinc and zinc-base alloy refinery shapes.....	1,000 short tons	10.3	3.3	12.1	3.5
	Castings (rough and semifinished): <sup>8</sup>					
332011	Iron (gray and malleable).....	..do.....	(9)	(9)	\$32.4	\$9.7
336100	Aluminum and aluminum-base alloy.....	Million lbs....	10.7	6.2	1.4	1.1
336200	Copper and copper-base alloy.....	..do.....	22.8	16.9	1.8	0.9
282140	Thermosetting resins.....	Million lbs. dry basis.....	9.9	2.9	43.2	7.7
282130	Thermoplastic resins.....	..do.....	55.4	13.6	47.4	9.5
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	556.0	(X)	\$455.9
976000	Materials, parts, containers, and supplies, n.s.k. <sup>2</sup> .....	.....	(X)	236.4	(X)	109.1

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. <sup>6</sup>From 10 to 30 percent of this figure was estimated.

<sup>1</sup>In 1967 there were, in addition 5.5 thousand short tons of steel castings produced and consumed in the same establishment. The comparable figure for 1963 was 1.9 thousand.

<sup>2</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967 this includes estimates for companies that were not mailed report forms.

<sup>3</sup>These figures include "Insulated wire and cable."

<sup>4</sup>In 1967, there were in addition 3.2 thousand short tons of steel castings produced and consumed in the same establishments. Data for 1963 are not available.

<sup>5</sup>Data for these materials have been revised to include the consumption of materials by automotive stampings plants operated by automobile producing companies. Most of these plants had previously been classified in the automotive industry.

<sup>6</sup>These figures are understated by \$5 million or less because of apparent undercoverage of carbon steel pipe and tube.

<sup>7</sup>Included with material code 970099 "All other materials and components, etc."

<sup>8</sup>No data are available for the quantities of castings produced and consumed in the same establishment.

<sup>9</sup>Data are included with material code 970099 "All other materials and components, etc., to avoid disclosing the operations of individual companies.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 3481.--MISCELLANEOUS FABRICATED WIRE PRODUCTS, N.E.C.						
	Materials, parts, containers, and supplies, total.....		(X)	487.1	(X)	433.7
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	36.8	6.9	30.5	5.4
331012	Sheet and strip.....	..do.....	98.5	22.6	137.1	24.8
331015	Structural shapes.....	..do.....	15.5	4.5	2.5	0.6
331017	Wire and wire products.....	..do.....	963.0	224.4	908.4	201.8
331019	All other carbon steel mill shapes and forms.....	..do.....	144.3	19.3	29.8	7.1
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	..do.....	15.9	4.5	14.1	3.3
331029	All other alloy steel mill shapes and forms.....	..do.....	6.4	4.3	7.2	4.2
331031	Stainless steel mill shapes and forms.....	..do.....	5.6	11.6	5.2	10.3
	Copper and copper-base alloy mill shapes and forms:					
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	10.4	6.8	7.0	4.5
335123	Plate, sheet, and strip (including military cups and discs)..	..do.....	1.5	1.7	2.0	1.5
335127	Pipe and tube.....	..do.....	( <sup>2</sup> )	( <sup>2</sup> )	1.3	1.0
	Aluminum and aluminum-base alloy mill shapes and forms:					
335202	Sheet, plate and foil.....	..do.....	2.3	1.0	6.2	1.9
335205	Extruded shapes (including extruded rod, bar, pipe, tube etc.).....	..do.....	1.2	0.5	6.9	2.1
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing etc.).....	..do.....	9.0	3.8	7.4	3.3
332300	Steel castings (rough and semifinished): <sup>3</sup> .....	1,000 short tons.	( <sup>2</sup> )	( <sup>2</sup> )	5.0	2.3
970095	All other materials and components, parts, containers, and supplies consumed.....		(X)	95.4	(X)	84.0
976000	Materials, parts, containers, etc., n.s.k. <sup>4</sup> .....		(X)	89.8	(X)	74.7
INDUSTRY 3491.--METAL BARRELS, DRUMS, AND PAILS						
	Materials, parts, containers, and supplies, total.....		(X)	211.9	(X)	176.0
	Mill shapes and forms (except castings):					
	Carbon steel:					
331012	Sheet and strip.....	1,000 short tons.	844.6	125.9	727.1	106.3
331018	Tin plate, terneplate and black plate.....	..do.....	59.5	9.7	38.2	5.6
331017	Wire and wire products.....	..do.....			10.8	1.8
331011	Bar and bar shapes.....	..do.....			3.5	0.5
331019	All other carbon steel mill shapes and forms.....	..do.....	49.5	8.5	27.8	4.3
331020	Alloy steel (except stainless).....	..do.....			4.2	3.0
331031	Stainless steel mill shapes and forms.....	..do.....				
	Aluminum and aluminum-base alloy:					
335202	Sheet plate and foil.....	Million pounds...	4.3	2.4	(NA)	(NA)
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, extruded shapes, etc.).....	..do.....				
285101	Paints, varnishes, lacquers, japans and enamels, etc.....	1,000 gallons...	3,440.3	11.0	(NA)	(NA)
260091	Paper and paperboard containers, including corrugated boxes...	.....	(X)	1.1	(NA)	(NA)
970000	All other materials and components, parts, containers, and supplies consumed.....		(X)	45.4	(X)	45.7
976000	Materials, components, parts, containers, etc., n.s.k. <sup>4</sup> .....		(X)	7.9	(X)	8.7
Material			1967		1963	
			Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)
INDUSTRY 3492.--SAFES AND VAULTS						
	Materials, containers, parts, and supplies, total.....		(X)	25.8	(X)	20.2
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....		38.3	9.7	(D)	(D)
331012	Sheet and strip.....					
331017	Wire and wire products.....					
331019	All other carbon steel mill shapes and forms.....					
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....					
331029	All other alloy steel mill shapes and forms.....					
331031	Stainless steel mill shapes and forms.....					
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	15.3	(D)	(D)
976000	Materials, parts, containers, etc., n.s.k. <sup>4</sup> .....		(X)	0.8		

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 3493.--STEEL SPRINGS						
	Materials, containers, parts, and supplies, total.....		(X)	90.5	(X)	82.3
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	90.7	15.3	65.5	11.0
331012	Sheet and strip.....	..do.....	24.4	6.5	49.6	8.9
331017	Wire and wire products.....	..do.....	11.0	5.1	11.7	5.4
331019	All other carbon steel mill shapes and forms.....	..do.....	1.2	0.2	2.3	0.6
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	..do.....	155.8	28.0	206.5	35.4
331029	All other alloy steel mill shapes and forms.....	..do.....	8.6	2.0		
331031	Stainless steel mill shapes and forms.....	..do.....	0.2	0.4	0.2	0.5
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	13.1	(X)	18.0
976000	Materials, parts, containers, etc., n.s.k. <sup>4</sup> .....		(X)	19.9	(X)	2.6
INDUSTRY 3494.--VALVES AND PIPE FITTINGS						
	Materials, parts, containers, and supplies, total.....		(X)	799.0	(X)	569.8
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	107.3	23.7	61.8	11.7
331012	Sheet and strip.....	..do.....	18.3	3.8	39.6	6.6
331013	Plates.....	..do.....	32.3	7.3	26.8	4.5
331019	All other carbon steel mill shapes and forms.....	..do.....	53.8	14.1	54.6	13.1
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	..do.....	12.9	4.1	15.1	4.3
331029	All other alloy steel mill shapes and forms.....	..do.....	11.6	4.7	9.0	3.6
331031	Stainless steel mill shapes and forms.....	..do.....	17.0	22.9	12.4	16.5
	Copper and copper base alloy:					
335790	Insulated wire and cable.....	Million lbs. copper content..	3.6	3.0	0.8	0.8
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	115.2	60.0	109.4	37.8
335123	Plate, sheet, and strip, including military cups and discs..	..do.....	(NA)	3.1	4.0	2.0
335127	Pipe and tube.....	..do.....	26.4	14.1	33.0	16.5
	Aluminum and aluminum-base alloy:					
335205	Extruded shapes (rod, bar, pipe, etc.).....	..do.....	8.0	4.2	2.0	1.4
335209	All other aluminum mill shapes and forms (wire, rod, etc.)..	..do.....	3.7	1.7	11.0	5.6
	Primary metals:					
331051	Pig iron.....	1,000 short tons.	70.1	4.1	91.4	5.5
333401	Aluminum and aluminum-base alloy refinery shapes, (ingot, slugs, etc.).....	..do.....	1.6	0.8	1.6	0.9
333122	Copper and copper-base alloy refinery shapes.....	..do.....	41.2	37.1	63.6	38.9
	Scrap (exclude home scrap):					
999811	Iron and steel.....	..do.....	233.1	8.6	222.0	8.2
999808	Aluminum and aluminum-base alloy.....	..do.....	( <sup>2</sup> )	( <sup>2</sup> )	6.3	3.6
999812	Copper and copper-base alloy.....	..do.....	19.0	12.3	9.5	4.8
	Castings (rough and semifinished): <sup>5</sup>					
332011	Iron (gray and malleable).....	..do.....	165.1	60.4	113.6	39.5
332300	Steel.....	..do.....	56.8	60.3	40.2	37.9
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	7.3	7.8	6.1	5.2
336200	Copper and copper-base alloy.....	..do.....	37.5	35.1	47.9	30.8
339100	Iron and steel forgings <sup>6</sup> .....	1,000 short tons.	55.8	38.3	26.1	14.7
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	282.1	(X)	215.7
976000	Materials, parts, containers, etc., n.s.k. <sup>4</sup> .....		(X)	85.4	(X)	39.6
INDUSTRY 3496.--COLLAPSIBLE TUBES						
	Materials, parts, and supplies, total.....		(X)	24.8	(X)	19.3
333401	Aluminum and aluminum-base alloy refinery shapes (ingots, slugs, etc.).....	1,000 short tons.	10.4	7.4	7.5	5.0
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	14.3	(X)	13.3
976000	Materials, parts, containers, etc., n.s.k. <sup>4</sup> .....		(X)	3.0	(X)	1.0

See footnotes at end of table.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963-Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3497.--METAL FOIL AND LEAF					
	Materials, parts, and supplies, total.....		(X)	152.6	(X)	114.8
	Aluminum and aluminum-base alloy mill shapes and forms:					
335231	Plain foil.....	Million lbs.....	35.0	20.4	68.8	38.8
335203	Sheet and plate.....	do.....	40.2	13.8	36.6	9.7
335209	All other aluminum mill shapes and forms (wire) rolled rod and bar, powder, welded tubing, extruded shapes, etc.....	do.....				
349702	Aluminum foil, laminated <sup>7</sup> .....	do.....	(X)	114.4	{	1.2
970099	All other materials and components, parts, containers, and supplies consumed.....					(X)
976000	Materials, parts, and supplies, n.s.k. <sup>4</sup> .....		(X)	4.0	(X)	2.4
	INDUSTRY 3498.--FABRICATED PIPE AND FITTINGS					
	Materials, parts, and supplies, total.....		(X)	239.1	(X)	141.7
	Mill shapes and forms, except castings:					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	9.9	2.2	14.4	3.3
331012	Sheet and strip.....	do.....	17.4	2.9	21.2	3.2
331013	Plates.....	do.....	19.3	3.6	3.5	0.7
331015	Structural shapes.....	do.....	( <sup>8</sup> )	( <sup>8</sup> )	0.9	0.3
331017	Wire and wire products.....	do.....	1.0	0.5	} 200.2	40.2
331019	All other carbon steel mill shapes and forms.....	do.....	<sup>9</sup> 137.2	<sup>9</sup> 29.1		
	Alloy steel, except stainless:					
331021	Bars and bar shapes.....	do.....	5.2	3.0	1.5	0.8
331029	All other alloy steel mill shapes and forms.....	do.....	9.6	6.8	10.0	6.9
331031	Stainless steel.....	do.....	3.4	6.3	2.8	5.4
	Copper and copper-base alloy:					
335790	Insulated wire and cable.....	Million lbs. (copper content)	0.2	0.2	(NA)	(NA)
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	} 1.5	1.1	0.8	0.5
335123	Plate, sheet, and strip, including military cups and discs...	do.....				
335127	Pipe and tube.....	do.....	( <sup>2</sup> )	( <sup>2</sup> )	12.4	7.0
	Aluminum and aluminum-base alloys:					
335202	Sheet, plate, and foil.....	do.....	} 7.0	4.4	{	0.2
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	do.....				4.9
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	do.....				0.8
	Castings (rough and semifinished): <sup>3</sup>					
332011	Iron (gray and malleable).....	1,000 short tons.	9.0	3.8	4.6	1.9
332300	Steel.....	do.....	(NA)	5.0	1.3	1.2
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	( <sup>2</sup> )	( <sup>2</sup> )	1.2	0.7
336200	Copper and copper-base alloy.....	do.....	( <sup>2</sup> )	( <sup>2</sup> )	0.7	0.4
339100	Iron and steel forgings <sup>3</sup> .....	1,000 short tons.	6.2	3.6	2.1	1.4
339200	Aluminum and aluminum-base alloy forgings.....	Million lbs.....	0.1	0.1	(NA)	(NA)
349401	Valves and pipe fittings, except plumbers' brass goods and fittings.....		(X)	22.9	(X)	9.9
333010	Nonferrous plating metals (chromium, nickel, zinc, etc.).....		(X)	0.5	(X)	0.8
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	93.6	(X)	30.9
976000	Materials, parts, and supplies, n.s.k. <sup>4</sup> .....		(X)	49.5	(X)	22.4

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963-Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3499.--FABRICATED METAL PRODUCTS, N.E.C.					
	Materials, parts, supplies, etc., total.....		(X)	404.6	(X)	236.0
	Mill shapes and forms, except castings:					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	95.3	16.6	41.4	6.5
331012	Sheet and strip.....	...do.....	576.2	88.2	303.1	47.8
331013	Plates.....	...do.....	52.5	7.8	23.5	3.5
331015	Structural shapes.....	...do.....	18.1	2.8	15.6	2.3
331017	Wire and wire products.....	...do.....	11.3	3.2	8.4	2.3
331019	All other carbon steel mill shapes and forms.....	...do.....	<sup>10</sup> 34.6	<sup>10</sup> 6.4	36.1	7.7
	Alloy steel, except stainless:					
331021	Bars and bar shapes.....	...do.....	2.8	1.4	2.4	1.1
331029	All other alloy steel mill shapes and forms.....	...do.....	4.3	2.6	26.5	4.4
331031	Stainless steel.....	...do.....	5.3	7.9	2.8	3.5
	Copper and copper-base alloy:					
335790	Insulated wire and cable.....	Million lbs. (copper content)	1.9	1.4	(NA)	(NA)
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	1.3	0.9	1.6	0.7
335123	Plate, sheet, and strip, including military cups and discs...	...do.....	4.1	3.0	2.2	1.2
335127	Pipe and tube.....	...do.....	( <sup>2</sup> )	( <sup>2</sup> )	2.4	1.4
	Aluminum and aluminum-base alloys:					
335202	Sheet, plate and foil.....	...do.....	57.6	26.9	6.9	3.6
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	...do.....	17.6	10.5	10.9	5.7
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	...do.....	2.2	1.1	3.1	1.4
	Castings (rough and semifinished): <sup>3</sup>					
332011	Iron (gray and malleable).....	1,000 short tons.	10.8	4.8	4.8	1.9
332300	Steel.....	...do.....	16.5	11.2	5.0	3.2
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	3.2	3.0	1.5	1.3
336200	Copper and copper-base alloy.....	...do.....	1.8	1.3	1.8	1.1
339100	Iron and steel forgings <sup>3</sup> .....	1,000 short tons.	1.9	1.3	0.7	0.4
339200	Aluminum and aluminum-base alloy forgings <sup>3</sup> .....	Million lbs.....	1.3	1.4	(NA)	(NA)
349401	Valves and pipe fittings, except plumbers' brass goods and fittings.....	.....	(X)	0.7	(X)	0.2
333010	Nonferrous plating metals (chromium, nickel, zinc, etc.).....	.....	(X)	3.1	(X)	2.3
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	143.0	(X)	81.8
976000	Materials, containers, supplies, n.s.k. <sup>4</sup> .....	.....	(X)	54.1	(X)	50.8

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>These figures are understated by \$5 million or less because of apparent undercoverage of carbon steel pipe and tube.

<sup>2</sup>Included with material code 970099 "All other materials, components, etc."

<sup>3</sup>No data are available on the quantities of castings or forgings produced and consumed in the same establishment.

<sup>4</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967 this includes estimates for companies that were not mailed report forms.

<sup>5</sup>The figures for castings produced and consumed in the same establishment are: iron castings, 229.7 thousand short tons in 1967 and 258.4 thousand short tons in 1963; steel castings, 9.9 thousand short tons in 1967 and 6.0 thousand short tons in 1963; copper and copper-base alloy castings, 119.6 million pounds in 1967, and 122.9 million pounds in 1963. Data for aluminum and aluminum-base alloy castings are not available.

<sup>6</sup>In 1967, the figure for iron and steel forgings produced and consumed by the same establishment was 20.5 thousand short tons. No comparable data for 1963 are available.

<sup>7</sup>Data on total consumption of aluminum foil are available, by end-use in Current Industrial Reports Series MA-34P, "Aluminum Foil Converted." The data in the Current Industrial Report include consumption by all establishments such as foil mills, foil converters, and others including food processing and other establishments converting foil for purposes of packaging a product. Data in this report are limited to establishments classified in the metal foil and leaf industry.

<sup>8</sup>Included with material code 331019 "All other carbon steel mill shapes and forms." The value for this item is less than \$2.5 million.

<sup>9</sup>These figures are understated by \$15.0 million or less because of apparent undercoverage of carbon steel pipe and tube.

<sup>10</sup>These figures are understated by \$10 million or less because of apparent undercoverage of carbon steel pipe and tube.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963-Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 3511.--STEAM ENGINES AND TURBINES						
	Materials, parts, containers, and supplies, total.....		(X)	432.2	(X)	219.1
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	158.2	60.4	10.0	1.8
331012	Sheet and strip.....	...do.....			18.6	3.7
331013	Plates.....	...do.....			70.9	9.6
331015	Structural shapes.....	...do.....			4.4	0.7
331019	All other carbon steel mill shapes and forms.....	...do.....			4.7	2.0
	Alloy steel (except stainless):					
331021	Bar and bar shapes.....	...do.....	158.2	60.4	3.7	2.4
331029	All other alloy steel mill shapes and forms.....	...do.....			4.0	4.1
331031	Stainless steel mill shapes and forms.....	...do.....			7.2	9.7
	Copper and copper-base alloy mill shapes and forms:					
335728	Bare wire (for electrical conduction).....	Million lbs.....	(D)	(D)	8.6	4.0
335790	Insulated wire and cable.....	Million lbs (copper content)	(D)	(D)		
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	(D)	(D)	11.7	6.8
335123	Plate, sheet, and strip, including military cups and discs..	...do.....			1.7	0.9
335127	Pipe and tube.....	...do.....			2.6	1.9
335208	Aluminum and aluminum-base alloy mill shapes and forms.....	...do.....	(D)	(D)	0.6	0.3
333401	Aluminum and aluminum-base alloy refinery shapes.....	1,000 short tons.	(D)	(D)	(D)	(D)
	Castings (rough and semifinished): <sup>1</sup>					
332011	Iron (gray and malleable).....	...do.....	13.1	8.4	10.2	5.7
332300	Steel.....	...do.....	(D)	(D)	19.7	25.0
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	(D)	(D)	0.4	0.4
336200	Copper and copper-base alloy.....	...do.....	2.5	2.7	2.8	3.0
339100	Iron and steel forgings <sup>1</sup> .....	1,000 short tons.	(D)	(D)	16.6	31.5
362120	Integral horsepower motors and generators (1 hp. and over) <sup>1</sup> .....	1,000.....	(D)	(D)	1.9	9.6
	Bearings:					
356218	Ball.....	...do.....	(X)	0.9	(X)	0.3
356201	Roller.....	...do.....	(X)	1.9	(X)	0.1
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	337.1	(X)	94.9
976000	Materials, parts, containers, and supplies, n.s.k. <sup>2</sup> .....		(X)	20.8	(X)	0.6
INDUSTRY 3519.--INTERNAL COMBUSTION ENGINES, N.E.C.						
	Materials, parts, containers, and supplies, total.....		(X)	1,042.6	(X)	694.1
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons..	47.6	11.5	32.6	6.8
331012	Sheet and strip.....	...do.....	98.2	20.0	42.3	9.2
331013	Plates.....	...do.....	11.0	2.1	15.0	2.2
331015	Structural shapes.....	...do.....	1.8	0.4	3.3	0.6
331019	All other carbon steel mill shapes and forms.....	...do.....	5.1	1.6	4.1	1.4
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	...do.....	9.0	3.8	9.7	2.9
331029	All other alloy steel mill shapes and forms.....	...do.....			1.9	0.8
331031	Stainless steel mill shapes and forms.....	...do.....	2.8	3.6	1.6	1.7
	Copper and copper-base alloy mill shapes and forms:					
335728	Bare wire (for electrical conduction only).....	Million lbs.....	(D)	(D)	1.3	1.3
335790	Insulated wire and cable.....	Million lbs..... copper content..	2.5	2.9		
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	(NA)	6.8	0.5	0.3
335123	Plate, sheet, and strip, including military cups and discs..	...do.....			13.1	5.6
335127	Pipe and tube.....	...do.....			1.6	1.3
335208	Aluminum and aluminum-base alloy mill shapes and forms.....	...do.....	(D)	(D)	(D)	(D)
333401	Aluminum and aluminum-base alloy refinery shapes.....	1,000 short tons..	(D)	(D)	(D)	(D)
999808	Aluminum and aluminum-base alloy scrap (excluding home scrap)...	...do.....	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3519.--INTERNAL COMBUSTION ENGINES, N.E.C.--Continued					
	Materials, parts, containers, and supplies.--Continued					
	Castings (rough and semifinished): <sup>3</sup>					
332011	Iron (gray and malleable).....	...do.....	295.3	128.8	161.3	62.3
332300	Steel.....	...do.....	5.8	2.8	2.0	2.0
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	71.0	48.1	34.3	24.4
336200	Copper and copper-base alloy.....	...do.....	(D)	(D)	1.1	0.8
339100	Iron and steel forgings <sup>3</sup> .....	1,000 short tons.	65.7	31.3	52.9	25.2
362120	Integral horsepower motors and generators (1 h.p. and over <sup>3</sup> )....	1,000.....	98.6	16.0	78.2	15.1
	Bearings:					
356218	Ball.....	.....	(X)	5.6	(X)	3.3
356201	Roller.....	.....	(X)	3.1	(X)	2.1
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	671.1	(X)	489.4
976000	Materials, parts, containers, and supplies, n.s.k. <sup>2</sup> .....	.....	(X)	81.5	(X)	35.4
	INDUSTRY 3522.--FARM MACHINERY					
	Materials, parts, containers, and supplies, total.....	.....	(X)	2,173.4	(X)	1,426.1
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	584.4	100.3	551.8	87.4
331012	Sheet and strip.....	...do.....	921.7	143.9	705.4	104.1
331013	Plates.....	...do.....	156.8	23.4	112.0	16.8
331015	Structural shapes.....	...do.....	106.5	17.1	81.1	12.2
331017	Wire and wire products.....	...do.....	32.1	8.0	23.2	4.8
331019	All other carbon steel mill shapes and forms.....	...do.....	<sup>4</sup> 149.7	<sup>4</sup> 35.2	137.0	28.3
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	...do.....	52.4	10.7	48.7	10.9
331029	All other alloy steel mill shapes and forms.....	...do.....	24.2	7.1	12.7	4.1
331031	Stainless steel mill shapes and forms.....	...do.....	6.1	6.7	2.8	4.2
	Copper and copper-base alloy:					
335102	Rod, bar and mechanical wire, including extruded and /or drawn shapes.....	Million lbs.....	2.3	1.6	2.6	1.0
335123	Plate, sheet and strip, including military cups and discs....	...do.....	(NA)	3.6	0.5	0.3
335127	Pipe and tube.....	...do.....	( <sup>5</sup> )	( <sup>5</sup> )	13.7	4.1
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate and foil.....	...do.....	7.1	2.7	6.9	3.0
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	...do.....	(NA)	2.9	(NA)	2.6
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	...do.....	(NA)	1.7	4.0	1.8
339915	Metal powders.....	...do.....	(D)	(D)	(NA)	(NA)
331051	Pig iron, excluding silvery iron.....	1,000 short tons.	112.3	7.0	134.3	7.8
999811	Iron and steel scrap.....	...do.....	335.0	13.0	320.8	13.4
	Castings (rough and semifinished): <sup>6</sup>					
332011	Iron (gray and malleable).....	...do.....	557.8	195.3	212.5	64.7
332300	Steel.....	...do.....	(NA)	15.9	11.7	7.3
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	15.8	9.3	9.8	5.7
339100	Iron and steel forgings <sup>6</sup> .....	1,000 short tons.	117.4	44.3	89.6	35.4
	Engines: <sup>6</sup>					
351920	Diesel and semidiesel.....	1,000.....	109.2	76.9	58.2	28.1
351901	Gasoline and other carburetor.....	...do.....	3,796.0	160.7	3,243.7	108.9

See footnotes at end of table.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3522.--FARM MACHINERY--Continued					
	Materials, parts, containers, and supplies--Continued					
	Electric motors and generators:					
362115	Fractional horsepower electric motors (under 1 hp.) (excluding timing motors).....	...do.....	(NA)	9.4	117.6	2.4
362120	Integral horsepower motors and generators (1 hp. and over)....	...do.....	133.7	9.2	68.0	4.5
	Bearings:					
356218	Ball.....	.....	(X)	35.7	(X)	22.1
356201	Roller.....	.....	(X)	19.7	(X)	16.3
301131	Pneumatic tires.....	1,000.....	3,757.4	74.0	2,511.8	47.9
301141	Inner tubes.....	...do.....	(NA)	19.6	4,125.0	9.0
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	916.6	(X)	645.7
976000	Materials, parts, containers, and supplies, n.s.k. <sup>2</sup> .....	.....	(X)	201.9	(X)	121.3

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Under \$50 thousand.

<sup>1</sup>No data are available on the quantities of castings, iron and steel forgings, or integral horsepower electric motors or generators produced and consumed in the same establishment except for 1963 for copper and copper base alloy castings (0.6 million pounds) and iron and steel forgings (0.4 thousand short tons).

<sup>2</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967 this includes estimates for companies that were not mailed report forms.

<sup>3</sup>No data are available on the quantities of castings, iron and steel forgings, or integral horsepower motors and generators produced and consumed in the same establishment except for 1963 for iron castings which totaled 38.2 thousand short tons.

<sup>4</sup>These figures are understated by \$20 million or less because of apparent undercoverage of carbon steel pipe and tube.

<sup>5</sup>Included with material code 970099, "All other materials and components, etc."

<sup>6</sup>In addition, the following quantities were produced and consumed into products at the same establishment: For 1967, Iron castings, 301.4 thousand short tons; Aluminum and aluminum-base alloy castings, 6.0 million pounds; and Gasoline and other carburetor engines, 25.7 thousand units. Comparable data for 1963 are: Iron castings, 301.3 thousand short tons; Aluminum and aluminum-base alloy castings, 2.4 million pounds; Iron and steel forgings, 5.1 thousand short tons; Gasoline and other carburetor engines, 75.7 thousand units; and Fractional horsepower electric motors, 2.0 thousand units.

For industry 3522 no data are available for either 1967 or 1963 for the quantities of steel castings, diesel and semidiesel engines or integral horsepower motors and generators nor in 1967 for iron and steel forgings or fractional horsepower electric motors produced and consumed in the same establishments.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963-Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3531.--CONSTRUCTION MACHINERY					
	Materials, parts, containers, and supplies, total.....		(X)	1,929.9	(X)	1,284.3
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bar and bar shapes.....	1,000 short tons.	412.4	70.5	271.9	43.9
331012	Sheet and strip.....	..do.....	141.8	22.3	104.0	16.1
331013	Plates.....	..do.....	591.0	93.4	506.2	74.1
331015	Structural shapes.....	..do.....	108.9	17.6	115.4	18.0
331017	Wire and wire products.....	..do.....	8.6	3.6	5.3	2.9
331019	All other carbon steel mill shapes and forms.....	..do.....	194.8	23.4	94.7	21.3
	Alloy steel except stainless:					
331021	Bars and bar shapes.....	..do.....	65.7	15.9	48.6	11.8
331029	All other alloy steel mill shapes and forms.....	..do.....	68.0	18.6	55.1	13.4
331031	Stainless steel.....	..do.....	0.7	1.0	0.4	0.6
	Copper and copper-base alloy:					
335790	Insulated wire and cable.....	Million lbs. (copper content)	0.9	0.9	1.3	1.2
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	(NA)	0.8	0.5	0.3
335123	Plate, sheet and strip (including military cups and discs)..	..do.....	(NA)	0.5	8.4	4.3
335127	Pipe and tube.....	..do.....	(2)	(2)	3.2	1.6
	Aluminum and aluminum-base alloy:					
335202	Sheet plate and foil.....	..do.....	1.6	0.8	2.5	1.2
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	..do.....	1.0	0.7	1.6	0.8
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	..do.....	1.4	1.5	0.2	0.1
331051	Pig iron (excluding silvery iron).....	1,000 short tons.	43.5	2.5	34.7	2.1
999811	Iron and steel scrap (purchased scrap only).....	..do.....	96.9	3.1	65.0	2.1
	Castings (rough and semifinished): <sup>3</sup>					
332011	Iron (gray and malleable).....	..do.....	246.9	103.4	154.8	54.2
332300	Steel.....	..do.....	177.6	124.1	160.4	95.0
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	13.3	12.2	10.1	7.9
336200	Copper and copper-base alloy.....	..do.....	3.6	3.4	5.3	4.3
339100	Iron and steel forgings <sup>3</sup> .....	1,000 short tons.	313.6	145.9	230.3	97.5
	Engines: <sup>3</sup>					
351920	Diesel and semidiesel.....	Thousands.....	34.9	80.9	42.1	87.6
351901	Gasoline and other carburetor.....	..do.....	28.5	15.9	43.2	14.6
362120	Integral horsepower motors and generators (1 hp. and over) <sup>3</sup> .....	..do.....	(NA)	22.3	26.5	16.9
	Bearings:					
356218	Ball.....	.....	(X)	18.6	(X)	9.8
356201	Roller.....	.....	(X)	36.5	(X)	15.2
301131	Pneumatic tires.....	Thousands.....	465.9	63.3	367.0	40.9
356601	Mechanical power transmission equipment, (except motor vehicle), including gears, clutches, etc.....	.....	(X)	60.7	(X)	72.2
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	774.2	(X)	492.3
976000	Materials, parts, containers, and supplies. n.s.k. <sup>4</sup> .....	.....	(X)	191.4	(X)	60.3

See footnotes at end of table.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 3532.--MINING MACHINERY AND EQUIPMENT						
	Materials, parts, containers and supplies, total.....		(X)	259.9	(X)	166.5
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bar and bar shapes.....	1,000 short tons.	54.3	10.9	21.9	4.5
331012	Sheet and strip.....	..do.....	12.0	1.7	5.7	1.0
331013	Plates.....	..do.....	84.9	14.0	46.2	6.8
331015	Structural shapes.....	..do.....	25.2	4.0	15.5	2.4
331017	Wire and wire products.....	..do.....	\$6.8	\$2.3	0.3	0.1
331019	All other carbon steel mill shapes and forms.....	..do.....			8.4	1.2
	Alloy steel except stainless:					
331021	Bars and bar shapes.....	..do.....	33.7	11.0	8.7	2.5
331029	All other alloy steel mill shapes and forms.....	..do.....			8.2	1.9
331031	Stainless steel.....	..do.....	1.0	1.4	0.7	1.0
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction).....	Million pounds...	(6)	(6)	0.3	0.6
335790	Insulated wire and cable.....	Million pounds (copper content)	(6)	(6)		
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million pounds...	1.1	0.6	0.4	0.3
335123	Plate, sheet and strip (including military cups and discs)...	..do.....			0.1	0.1
335127	Pipe and tube.....	..do.....	(2)	(2)	0.1	0.1
	Aluminum and aluminum-base alloy:					
335202	Sheet plate and foil.....	..do.....	0.3	0.2	0.1	0.1
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	..do.....			(NA)	0.2
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	..do.....				
331051	Pig iron (excluding silvery iron).....	1,000 short tons.	4.1	0.3	5.5	0.3
999811	Iron and steel scrap (purchased scrap only).....	..do.....	14.2	0.6	14.5	0.5
	Castings (rough and semifinished): <sup>3</sup>					
332011	Iron (gray and malleable).....	..do.....	13.7	7.4	10.7	4.3
332300	Steel.....	..do.....	42.3	30.5	24.5	14.8
336100	Aluminum and aluminum-base alloy.....	Million pounds...	0.2	0.3	0.1	0.2
336200	Copper and copper-base alloy <sup>1</sup> .....	..do.....	1.2	1.2	0.6	0.7
339100	Iron and steel forgings <sup>3</sup> .....	1,000 short tons.	12.3	9.0	17.9	8.1
	Engines: <sup>3</sup>					
351920	Diesel and semidiesel.....	1,000.....	0.3	0.6	0.5	1.5
351901	Gasoline and other carburetor.....	..do.....	(6)	(6)	0.6	0.3
362120	Integral horsepower motors and generators (1 hp. and over) <sup>3</sup> .....	..do.....	8.5	5.9	9.9	8.8
	Bearings:					
356218	Ball.....	.....	(X)	1.4	(X)	1.2
356201	Roller.....	.....	(X)	3.4	(X)	1.6
301131	Pneumatic tires.....	1,000.....	(6)	(6)	9.6	1.0
356601	Mechanical power transmission equipment, (except motor vehicle), including gears, clutches, etc.....	.....	(X)	10.2	(X)	4.5
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	92.6	(X)	83.9
976000	Materials, parts, containers and supplies, n.s.k. <sup>4</sup> .....	.....	(X)	50.4	(X)	11.6
INDUSTRY 3533.--OILFIELD MACHINERY						
	Materials, parts, containers, and supplies, total.....		(X)	261.9	(X)	216.4
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	65.8	12.2	50.0	9.2
331013	Plates.....	..do.....	52.2	8.4	44.8	6.8
331015	Structural shapes.....	..do.....	26.5	4.4	32.1	5.1
331019	All other carbon steel mill shapes and forms.....	..do.....	22.7	7.0	27.5	7.1
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	..do.....	96.4	25.7	75.0	19.5
331029	All other alloy steel mill shapes and forms.....	..do.....	20.5	6.4	26.2	7.3
331031	Stainless steel mill shapes and forms.....	..do.....	2.9	4.0	1.8	2.6
335121	Copper and copper-base alloy.....	Million lbs.....	1.6	1.3	2.4	1.5
335208	Aluminum and aluminum-base alloy.....	..do.....	1.3	1.1	0.9	0.7

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 3533.--OILFIELD MACHINERY--Con.						
Castings (rough and semifinished): <sup>3</sup>						
332011	Iron (gray and malleable).....	1,000 short tons.	13.9	5.5	46.0	12.8
332300	Steel.....	.....do.....	36.3	19.4	17.0	11.5
336200	Copper and copper-base alloy.....	Million lbs.....	1.2	1.4	2.0	1.4
339100	Iron and steel forgings <sup>3</sup> .....	1,000 short tons.	23.5	12.0	17.1	7.8
351920	Engines, diesel and semidiesel <sup>3</sup> .....	1,000.....	0.8	4.9	0.8	3.3
Bearings:						
356218	Ball.....	.....	(X)	2.6	(X)	1.7
356201	Roller.....	.....	(X)	2.5	(X)	2.7
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	99.1	(X)	91.1
976000	Materials, parts, containers, and supplies, n.s.k. <sup>4</sup> .....	.....	(X)	44.0	(X)	24.3
INDUSTRY 3534.--ELEVATORS AND MOVING STAIRWAYS						
Materials, parts, containers, and supplies, total.....						
			(X)	122.3	(X)	108.2
Mill shapes and forms (except castings):						
Carbon steel:						
331011	Bars and bar shapes.....	1,000 short tons.	13.8	2.5	18.5	3.3
331012	Sheet and strip.....	.....do.....	14.2	2.5	20.2	3.5
331013	Plates.....	.....do.....	8.9	1.5	8.9	1.4
331015	Structural shapes.....	.....do.....	18.1	3.2	17.4	2.7
331017	Wire and wire products.....	.....do.....	15.6	3.2	1.4	1.0
331019	All other carbon steel mill shapes and forms.....	.....do.....			21.0	4.7
331020	Alloy steel (except stainless).....	.....do.....	0.1	(Z)	0.9	0.3
331031	Stainless steel.....	.....do.....	1.3	1.6	0.6	0.7
Copper and copper-base alloy:						
335790	Insulated wire and cable.....	Million lbs. (copper content)	( <sup>6</sup> )	( <sup>6</sup> )	2.8	2.0
335102	Rod, bar, and mechanical wire including extruded and/or drawn shapes.....	Million lbs.....	0.3	0.3	0.3	0.1
335123	Plate, sheet, and strip, including military cups and discs..	.....do.....			0.5	0.4
335127	Pipe and tube.....	.....do.....	(NA)	0.8	0.8	0.5
Aluminum and aluminum-base alloy:						
335202	Sheet, plate, and foil.....	.....do.....	1.4	0.8	0.1	(Z)
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	.....do.....			0.4	0.2
335209	All other aluminum mill shapes and forms (wire, rolled, rod, and bar, powder, welded tubing, etc.).....	.....do.....	}	}	0.1	(Z)
Castings (rough and semifinished): <sup>3</sup>						
332011	Iron (gray and malleable).....	1,000 short tons.	11.4	4.6	8.5	3.2
332300	Steel.....	.....do.....	3.8	3.5	1.3	1.2
339100	Iron and steel forgings <sup>3</sup> .....	.....do.....	( <sup>6</sup> )	( <sup>6</sup> )	0.8	0.6
351901	Gasoline and other carburetor engines <sup>3</sup> .....	Thousands.....	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
Electric motors and generators: <sup>3</sup>						
362115	Fractional horsepower electric motors (under 1 hp.) (excluding timing motors).....	.....do.....	12.3	0.7	12.8	0.8
362120	Integral horsepower motors and generators (1 hp. and over)....	.....do.....	7.7	3.6	9.5	4.1
Bearings:						
356218	Ball.....	.....	(X)	1.0	(X)	1.2
356201	Roller.....	.....	(X)	0.4	(X)	0.4
970099	All other materials, and components, parts, containers, and supplies consumed.....	.....	(X)	53.6	(X)	60.2
976000	Materials, parts, containers, and supplies, n. s. k. <sup>4</sup> .....	.....	(X)	38.5	(X)	15.7

See footnotes at end of table.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 3535.—CONVEYORS AND CONVEYING EQUIPMENT						
	Materials, parts, containers, and supplies, total.....		(X)	272.0	(X)	174.0
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	54.0	9.6	42.9	7.6
331012	Sheet and strip.....	do.	82.7	13.5	57.5	8.8
331013	Plates.....	do.	50.4	8.0	37.9	5.6
331015	Structural shapes.....	do.	69.2	10.9	46.7	8.0
331017	Wire and wire products.....	do.	3.1	1.9	1.7	0.9
331019	All other carbon steel mill shapes and forms.....	do.	<sup>5</sup> 17.4	<sup>5</sup> 4.7	28.0	5.4
331020	Alloy steel (except stainless).....	do.	2.6	1.2	4.4	1.4
331031	Stainless steel.....	do.	2.8	3.9	2.2	2.7
	Copper and copper base alloy:					
335790	Insulated wire and cable.....	Million lbs. (copper content)	0.4	0.4	0.3	0.2
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	(NA)	0.5	0.4	0.2
335123	Plate sheet, and strip, including military cups and discs...	do.	0.3	0.3	0.2	0.1
335127	Pipe and tube.....	do.	( <sup>2</sup> )	( <sup>2</sup> )	2.4	1.6
	Aluminum and aluminum base alloy:					
335202	Sheet, plate, and foil.....	do.	2.9	1.8	1.4	0.7
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	do.	2.2	1.1	1.7	1.0
335209	All other aluminum mill shapes and forms (wire, rolled rod, and bar, powder, welded tubing, etc.).....	do.	(NA)	0.2	0.2	0.2
	Castings (rough and semifinished): <sup>3</sup>					
332011	Iron (gray and malleable).....	1,000 short tons.	11.2	4.6	12.3	5.2
332300	Steel.....	do.	(NA)	2.4	2.1	1.3
339100	Iron and steel forgings <sup>3</sup> .....	do.	( <sup>6</sup> )	( <sup>6</sup> )	3.7	2.7
351901	Gasoline and other carburetor engines <sup>3</sup> .....	1,000.....	(NA)	0.2	0.9	0.2
	Electric motors and generators: <sup>3</sup>					
362115	Fractional horsepower electric motors (under 1 hp.) (excluding timing motors).....	do.	42.4	3.1	36.5	2.6
362120	Integral horsepower motors and generators (1 hp. and over)....	do.	25.1	4.1	19.5	3.4
	Bearings:					
356218	Ball.....		(X)	4.6	(X)	2.9
356201	Roller.....		(X)	3.8	(X)	1.8
369101	Storage batteries.....	1,000.....	( <sup>6</sup> )	( <sup>6</sup> )	0.5	(Z)
970099	All other material and components, parts, containers, and supplies consumed.....		(X)	122.9	(X)	81.7
976000	Materials, parts, containers, and supplies, n.s.k. <sup>4</sup> .....		(X)	68.3	(X)	27.4
INDUSTRY 3536.—HOISTS, CRANES, AND MONORAILS						
	Materials, parts, containers, and supplies, total.....		(X)	178.7	(X)	101.4
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bar and bar shapes.....	1,000 short tons.	22.6	4.4	15.8	3.1
331012	Sheet and strip.....	do.	13.2	2.1	7.2	1.0
331013	Plates.....	do.	79.1	12.4	6.6	10.4
331015	Structural shapes.....	do.	32.6	5.6	47.4	7.2
331017	Wire and wire products.....	do.	0.8	0.5	1.1	0.6
331019	All other carbon steel mill shapes and forms.....	do.	9.6	2.5	12.2	3.0
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	do.	13.8	3.9	1.5	0.6
331029	All other alloy steel mill shapes and forms.....	do.			0.7	0.5
331031	Stainless steel.....	do.			0.1	0.1
	Copper and copper-base alloy:					
335790	Insulated wire and cable.....	Million lbs.....	2.4	2.3	1.7	1.3
335102	Rod, bar, and mechanical wire including extruded and/or drawn shapes.....	do.	(NA)	1.8	0.2	0.1
335123	Plate, sheet strip, including military cups and discs.....	do.			1.1	0.5
335127	Pipe and tube.....	do.				
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	do.	0.7	0.4	0.5	0.3
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	do.			0.3	0.2
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	do.			(Z)	(Z)

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3536.--HOISTS, CRANES, AND MONORAILS--Con.					
	Materials, parts, containers, and supplies--Con.					
331051	Pig iron, excluding silvery iron.....	1,000 short tons.	(X)	(Z)	( <sup>6</sup> )	( <sup>6</sup> )
999811	Iron and steel scrap, excluding home scrap.....	...do.....	-	-	( <sup>6</sup> )	( <sup>6</sup> )
	Castings (rough and semifinished): <sup>3</sup>					
332011	Iron (gray and malleable).....	...do.....	11.8	6.4	7.9	3.4
332300	Steel.....	...do.....	7.6	5.8	6.2	4.3
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	1.9	1.6	1.1	1.2
336200	Copper and copper-base alloy.....	...do.....	1.3	1.0	1.0	0.7
339100	Iron and steel forgings <sup>3</sup> .....	1,000 short tons.	4.9	2.9	14.0	3.1
	Engines: <sup>3</sup>					
351920	Diesel and semidiesel.....	1,000.....	( <sup>6</sup> )	( <sup>6</sup> )	(Z)	0.3
351901	Gasoline and other carburetor.....	...do.....	1.4	0.3	1.7	0.3
362120	Integral horsepower electric motors and generators (1 hp. and over) <sup>3</sup> .....	...do.....	33.5	6.9	21.0	7.2
	Bearings:					
356218	Ball.....	.....	(X)	1.8	(X)	1.0
356201	Roller.....	.....	(X)	3.1	(X)	1.8
301131	Pneumatic tires.....	1,000.....	( <sup>6</sup> )	( <sup>6</sup> )	3.4	0.2
356601	Mechanical power transmission equipment, (except motor vehicle) including gears, clutches, etc.....	.....	(X)	3.7	(X)	4.8
970099	All other materials and components, parts, containers and supplies consumed.....	.....	(X)	61.2	(X)	38.9
976000	Materials, parts, containers, and supplies, n.s.k. <sup>4</sup> .....	.....	(X)	48.1	(X)	5.4
	INDUSTRY 3537.--INDUSTRIAL TRUCKS AND TRACTORS					
	Materials, parts, containers, and supplies, total.....		(X)	333.4	(X)	192.5
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 s. tons.....	64.6	11.1	42.5	7.2
331012	Sheet and strip.....	...do.....	57.8	9.0	43.4	6.4
331013	Plates.....	...do.....	66.7	11.5	54.1	7.7
331015	Structural shapes.....	...do.....	25.4	5.0	19.3	3.6
331017	Wire and wire products.....	...do.....	15.6	3.4	0.4	0.1
331019	All other carbon steel mill shapes and forms.....	...do.....			15.0	3.3
331020	Alloy steel (except stainless).....	...do.....	11.8	4.1	2.6	0.9
331031	Stainless steel.....	...do.....			0.4	0.6
335790	Copper and copper-base alloy: Insulated wire and cable.....	Mil. lbs. (copper content).....	0.7	0.6	0.5	0.4
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Mil. lbs.....	(NA)	0.2	(Z)	(Z)
335123	Plate, sheet, and strip, including military cups and discs...	...do.....	(NA)	0.1	(Z)	(Z)
335127	Pipe and tube.....	...do.....	( <sup>2</sup> )	( <sup>2</sup> )	0.2	0.2
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	...do.....	4.6	2.7	1.4	0.7
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	...do.....			0.5	0.3
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	...do.....			(Z)	(Z)

See footnotes at end of table.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

Code	Material	Unit of measure	1967		1963	
			Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)
332011	Castings (rough and semifinished):					
332300	Iron (gray and malleable).....	1,000 s. tons.....	51.2	14.4	33.7	8.4
	Steel.....	.....do.....	9.1	6.7	5.8	4.1
339100	Iron and steel forgings.....	1,000 tons.....	4.6	4.1	2.7	2.8
351901	Gasoline and other carburetor engines.....	1,000.....	43.4	17.3	29.5	11.2
362115	Electric motors and generators:					
	Fractional horsepower electric motors (under 1 hp.) (excluding timing motors).....	.....do.....	(NA)	1.7	9.4	0.6
362120	Integral horsepower motors and generators (1 hp. and over)....	.....do.....	(NA)	2.4	21.7	2.3
	Bearings:					
356218	Ball.....	.....	(X)	1.6	(X)	1.9
356201	Roller.....	.....	(X)	1.6	(X)	1.8
369101	Storage batteries.....	1,000.....	67.1	4.2	33.6	2.8
970099	All other materials and components, parts, containers and supplies consumed.....	.....	(X)	180.6	(X)	110.9
976000	Materials, parts, containers, and supplies, n.s.k. <sup>4</sup> .....	.....	(X)	51.1	(X)	14.4

Footnotes for Table 7A--35B

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. <sup>c</sup>From 10 to 30 percent of this figure was estimated. (Z) Under 50 thousand.

<sup>1</sup>The figures are understated by \$10 million or less because of apparent undercoverage of carbon steel pipe and tube.

<sup>2</sup>Included with material code 970099, "All other materials and components, etc."

<sup>3</sup>For 1967, the following materials were produced and consumed in the same establishment for industry 3531: iron and steel forgings (code 339100), 36.0 thousand short tons; and gasoline and other carburetor engines (code 351901), 9.3 thousand units. No other data are available for 1967 on the quantities of castings, forgings, engines, and integral horsepower motors and generators produced and consumed in the same establishment. For 1963, the following data are available: industry 3531--iron and steel forgings (code 339100), 34.0 thousand short tons; gasoline and other carburetor engines (code 351901), 9.4 thousand units; fractional horsepower electric motors (code 362115), 0.7 thousand units; integral horsepower motors and generators (1 hp. and over) (code 362120), 9.1 thousand units; industry 3532--iron castings (code 332011), 12.2 thousand short tons; steel castings (code 332300), 1.3 thousand short tons; copper castings (code 336200), 1.7 million pounds; industry 3533--iron castings (code 332011), 3.9 thousand short tons; steel castings (code 332300), 1.6 thousand short tons; industry 3535--iron castings (code 332011), 9.8 thousand short tons; fractional horsepower electric motors (code 362115), 0.3 thousand units; and industry 3537--integral horsepower motors and generators (1 hp. and over) (code 362120), 6.8 thousand units.

<sup>4</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967 this includes estimates for companies that were not mailed report forms.

<sup>5</sup>These figures are understated by \$5 million or less because of apparent undercoverage of carbon steel pipe and tube.

<sup>6</sup>Included with material code 970099. "All other materials and components, etc." to avoid disclosing figures for individual companies.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 3541.--MACHINE TOOLS, METAL-CUTTING TYPES						
	Materials, parts, containers, and supplies, total.....		(X)	657.3	(X)	334.0
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	58.7	19.0	37.4	10.5
331012	Sheet and strip.....	do.	14.1	3.2	7.7	1.4
331013	Plates.....	do.	36.9	7.2	20.0	3.5
331015	Structural shapes.....	do.	9.0	2.7	3.6	1.1
331017	Wire and wire products.....	do.	(NA)	13.7	(NA)	0.1
331019	All other carbon steel mill shapes and forms.....	do.			4.8	1.7
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	do.	26.7	13.7	17.6	6.9
331029	All other alloy steel mill shapes and forms.....	do.	3.1	3.3	3.5	2.2
331031	Stainless steel.....	do.	2.3	2.0	0.5	0.8
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction).....	Million lbs.....	(2)	(2)	0.1	0.1
335790	Insulated wire and cable.....	Million lbs. (copper content)	2.0	2.5	1.0	0.8
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	(NA)	0.9	0.4	0.4
335123	Plate, sheet, and strip, including military cups and discs..	do.	(NA)	0.4	0.4	0.3
335127	Pipe and tube.....	do.	(3)	(3)	0.4	0.3
	Aluminum and aluminum base alloy:					
335202	Sheet, plate and foil.....	do.	1.3	1.1	1.1	0.8
335205	Extruded shapes, including extruded rod, bar, tube, etc....	do.	0.4	0.4	0.2	0.1
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder welded tubing, etc.).....	do.	0.2	0.2	0.1	0.1
331051	Pig iron, excluding silvery iron.....	1,000 short tons.	13.9	0.9	16.9	1.1
999811	Iron and steel scrap (excluding home scrap).....	do.	32.2	1.4	21.6	1.0
	Castings (rough and semifinished): <sup>4</sup>					
332011	Iron (gray and malleable).....	do.	160.2	76.6	98.5	39.8
332300	Steel.....	do.	13.1	10.3	6.6	4.5
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	(NA)	8.3	2.5	2.6
336200	Copper and copper-base alloy.....	do.	1.6	1.8	2.1	1.9
339100	Iron and steel forgings <sup>4</sup> .....	1,000 short tons.	8.4	6.7	4.6	3.6
	Electric motors and generators: <sup>4</sup>					
	Fractional horsepower electric motors (under 1 hp.):					
362110	Timing motors, synchronous and subsynchronous.....	1,000.....	174.4	7.7	12.2	1.2
362115	Other fractional horsepower electric motors.....	do.			93.2	3.5
362120	Integral horsepower motors and generators (1 hp. and over)....	do.	110.8	21.2	67.2	11.3
	Bearings:					
356218	Ball.....		(X)	12.1	(X)	6.5
356201	Roller.....		(X)	5.1	(X)	3.9
970099	All other materials and components, parts, containers, and sup- plies consumed.....		(X)	347.2	(X)	187.5
976000	Materials, parts, containers, and supplies, n.s.k. <sup>5</sup> .....		(X)	97.7	(X)	34.6
INDUSTRY 3542.--MACHINE TOOLS, METAL-FORMING TYPES						
	Materials, parts, containers, and supplies, total.....		(X)	256.6	(X)	144.1
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	39.6	10.8	23.3	6.2
331012	Sheet and strip.....	do.	(NA)	0.9	3.6	1.1
331013	Plates.....	do.	137.9	20.9	86.5	13.0
331015	Structural shapes.....	do.	6.4	1.2	2.0	0.4
331017	Wire and wire products.....	do.	(NA)	0.2	(NA)	0.1
331019	All other carbon steel mill shapes and forms.....	do.	10.6	10.3	0.6	0.3
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	do.	11.6	5.6	4.0	2.8
331029	All other alloy steel mill shapes and forms.....	do.	3.5	1.5	1.8	0.9
331031	Stainless steel.....	do.	0.6	0.6	0.6	0.7
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction).....	million lbs.....	0.1	0.1	0.3	0.2
335790	Insulated wire and cable.....	million lbs copper content..	0.2	0.2		

See footnotes at end of table.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3542--MACHINE TOOLS, METAL-FORMING TYPES--Con.					
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	million lbs.....	0.6	0.6	0.2	0.2
335123	Plate, sheet, and strip, including military cups and discs..	...do.....	(NA)	0.1	0.1	0.1
335127	Pipe and tube.....	...do.....	( <sup>3</sup> )	( <sup>3</sup> )	0.1	0.1
	Aluminum and aluminum base alloy:					
335202	Sheet, plate and foil.....	...do.....	0.4	0.4	0.4	0.3
335205	Extruded shapes, including extruded rod, bar, tube, etc.....	...do.....	(NA)	0.8	0.1	0.1
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder welded tubing, etc.).....	...do.....	(NA)	0.1	(NA)	0.1
331051	Pig iron, excluding silvery iron.....	1,000 short tons.	6.3	0.5	4.0	0.3
999811	Iron and steel scrap (excluding home scrap).....	...do.....	20.5	0.9	18.8	0.7
	Castings (rough and semifinished): <sup>4</sup>					
332011	Iron (gray and malleable).....	...do.....	43.5	18.7	23.5	9.7
332300	Steel.....	...do.....	23.9	12.9	9.7	4.9
336100	Aluminum and aluminum-base alloy.....	million lbs.....	1.0	1.1	0.9	0.6
336200	Copper and copper-base alloy.....	...do.....	2.1	2.2	1.7	1.6
339100	Iron and steel forgings <sup>4</sup> .....	1,000 short tons.	10.1	6.9	7.8	4.8
	Electric motors and generators <sup>4</sup>					
	Fractional horsepower electric motors (under 1 hp.):					
362110	Timing motors, synchronous and subsynchronous.....	1,000.....	(NA)	0.4	(NA)	0.2
362115	Other fractional horsepower electric motors.....	...do.....	(NA)	1.4	7.3	0.4
362120	Integral horsepower motors and generators (1 hp. and over)....	...do.....	26.2	11.1	17.4	5.8
	Bearings:					
356218	Ball.....	.....	(X)	1.5	(X)	0.6
356201	Roller.....	.....	(X)	1.6	(X)	1.3
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	117.9	(X)	71.3
976000	Materials, parts, containers, and supplies, n.s.k. <sup>5</sup> .....	.....	(X)	35.2	(X)	15.6
	INDUSTRY 3544.-SPECIAL DIES, TOOLS, JIGS, AND FIXTURES					
	Materials, parts, containers, and supplies, total.....	.....	(X)	433.4	(X)	281.5
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	62.5	30.4	64.3	21.9
331012	Sheet and strip.....	...do.....	42.2	10.5	45.0	7.9
331013	Plates.....	...do.....	89.7	19.7	66.2	14.3
331015	Structural shapes.....	...do.....	10.3	2.9	6.1	1.7
331017	Wire and wire products.....	...do.....	(NA)	0.8	0.4	0.3
331019	All other carbon steel mill shapes and forms.....	...do.....	5.6	3.6	8.7	3.5
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	...do.....	(NA)	24.1	16.0	19.4
331029	All other alloy steel mill shapes and forms.....	...do.....	5.2	4.6	7.8	5.3
331031	Stainless steel.....	...do.....	2.4	3.4	1.8	2.3
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction).....	Million lbs.....	0.6	0.5	}	(NA)
335790	Insulated wire and cable.....	Million lbs. (copper content)	(NA)	0.2		
335102	Rod, bar, and mechanical wire.....	Million lbs.....	1.2	1.1	1.0	1.1
335123	Plate, sheet, and strip, including cups and discs.....	...do.....	1.6	1.5	0.7	0.7
335127	Pipe and tube.....	...do.....	(NA)	0.8	0.2	0.2
	Aluminum and aluminum base alloy:					
335202	Sheet, plate, and foil.....	...do.....	5.8	4.3	2.3	1.7
335205	Extruded shapes, including rod, bar, pipe, tube, etc.....	...do.....	3.5	2.3	1.5	1.0
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, tubing, etc.).....	...do.....	1.9	0.7	1.0	0.5
339915	Metal powders.....	...do.....	0.2	0.7	( <sup>3</sup> )	( <sup>3</sup> )
331051	Pig iron, excluding silvery iron.....	1,000 short tons.	1.7	0.1	1.3	0.1
999811	Iron and steel scrap (excluding home scrap).....	...do.....	( <sup>2</sup> )	( <sup>2</sup> )	16.3	0.5
	Castings (rough and semifinished): <sup>4</sup>					
332011	Iron (gray and malleable).....	...do.....	39.5	13.7	40.3	12.9
332300	Steel.....	...do.....	18.7	11.3	7.7	4.8
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	3.9	3.3	3.2	1.9
336200	Copper and copper-base alloy.....	...do.....	3.4	4.1	0.8	0.7
339100	Iron and steel forgings <sup>4</sup> .....	1,000 short tons.	4.2	3.8	1.1	1.2

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 3544.--SPECIAL DYES, TOOLS, JIGS, AND FIXTURES--CON.						
Electric motors and generators: <sup>4</sup>						
Fractional horsepower electric motors (under 1 hp.):						
362110	Timing motors, synchronous and subsynchronous.....	1,000.....	5.8	0.3	3.3	0.1
362115	Other fractional horsepower electric motors.....	..do.....	4.2	0.3	2.3	0.1
362120	Integral horsepower motors and generators (1 hp. and over)....	..do.....	2.4	0.6	1.5	0.5
Bearings:						
356218	Ball.....	.....	(X)	0.6	(X)	0.4
356201	Roller.....	.....	(X)	0.3	(X)	0.6
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	120.6	(X)	85.9
976000	Materials, parts, containers, and supplies, n.s.k. <sup>5</sup> .....	.....	(X)	162.3	(X)	89.7
INDUSTRY 3545.--MACHINE TOOL ACCESSORIES						
Materials, parts, containers, and supplies, total.....						
			(X)	333.0	(X)	188.6
Mill shapes and forms (except castings):						
Carbon steel:						
331011	Bars and bar shapes.....	1,000 short tons..	31.0	10.8	32.9	9.0
331012	Sheet and strip.....	..do.....	8.5	2.0	1.8	0.6
331013	Plates.....	..do.....	5.1	1.5	2.1	0.7
331015	Structural shapes.....	..do.....	3.0	1.0	0.9	0.3
331017	Wire and wire products.....	..do.....	0.9	0.5	0.5	0.2
331019	All other carbon steel mill shapes and forms.....	..do.....	3.4	1.8	3.0	1.3
Alloy steel (except stainless):						
331021	Bars and bar shapes.....	..do.....	23.5	44.5	15.0	28.7
331029	All other alloy steel mill shapes and forms.....	..do.....	3.4	5.0	5.2	8.0
331031	Stainless steel.....	..do.....	0.8	1.4	0.1	0.2
Copper and copper-base alloy:						
335728	Bare wire (for electrical conduction).....	Million lbs.....	(NA)	0.1	(Z)	0.1
335790	Insulated wire and cable.....	Million lbs.....	(NA)	0.2		
335102	Rod, bar, and mechanical wire.....	(copper content). Million lbs.....	0.6	0.9		
335123	Plate, sheet, and strip, including cups and discs.....	..do.....	(NA)	0.2		
335127	Pipe and tube.....	..do.....	(NA)	0.3	0.3	0.3
Aluminum and aluminum-base alloy:						
335202	Sheet, plate, and foil.....	..do.....	0.3	0.2	0.3	0.1
335205	Extruded shapes, including rod, bar, pipe, tube, etc.....	..do.....	0.2	0.2	1.4	1.1
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, tubing, etc.).....	..do.....	0.1	0.1		
339915	Metal powders.....	..do.....	(2)	(2)	(NA)	(NA)
331051	Pig iron, excluding silvery iron.....	1,000 short tons..	(Z)	(Z)	(NA)	(NA)
999811	Iron and steel scrap (excluding home scrap).....	..do.....	(Z)	(Z)	(NA)	(NA)
Castings (rough and semifinished): <sup>4</sup>						
332011	Iron (gray and malleable).....	..do.....	13.2	5.9	12.9	5.6
332300	Steel.....	..do.....	4.0	4.2	0.6	0.6
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	0.6	0.7	0.8	0.8
336200	Copper and copper-base alloy.....	..do.....	0.1	0.2	0.1	0.1
339100	Iron and steel forgings <sup>4</sup> .....	1,000 short tons..	4.7	3.8	1.3	1.3
Electric motors and generators: <sup>4</sup>						
Fractional horsepower electric motors (under 1 hp.):						
362110	Timing motors, synchronous and subsynchronous.....	1,000.....	(2)	(2)	(2)	(2)
362115	Other fractional horsepower electric motors.....	..do.....	6.1	0.3	13.0	0.4
362120	Integral horsepower motors and generators (1 hp. and over)....	..do.....	(NA)	1.4	4.4	1.1
Bearings:						
356218	Ball.....	.....	(X)	0.6	(X)	0.8
356201	Roller.....	.....	(X)	0.2	(X)	0.2
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	170.8	(X)	98.3
976000	Materials, parts, containers, and supplies, n.s.k. <sup>5</sup> .....	.....	(X)	74.2	(X)	28.8

See footnotes at end of table.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3548.--METALWORKING MACHINERY, N.E.C.					
	Materials, parts, containers, and supplies, total.....		(X)	401.3	(X)	279.5
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	31.0	8.2	27.2	5.7
331012	Sheet and strip.....	...do.....	24.8	5.7	20.2	3.5
331013	Plates.....	...do.....	66.1	12.0	54.3	8.5
331015	Structural shapes.....	...do.....	15.8	2.8	11.5	2.1
331017	Wire and wire products.....	...do.....	0.8	0.9	2.3	0.9
331019	All other carbon steel mill shapes and forms.....	...do.....	16.0	12.1	6.5	1.2
	Alloy steel (except stainless)					
331021	Bars and bar shapes.....	...do.....	11.9	5.6	12.3	4.6
331029	All other alloy steel mill shapes and forms.....	...do.....	5.3	2.4	5.6	2.2
331031	Stainless steel.....	...do.....	(NA)	0.7	0.2	0.6
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction).....	Million lbs.....	3.3	2.6	0.7	0.6
335790	Insulated wire and cable.....	Million lbs. (copper content)	(NA)	3.5	2.2	2.9
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	7.4	5.0	4.4	2.7
335123	Plate, sheet, and strip, including military cups and discs...	...do.....	0.2	0.1	0.1	0.1
335127	Pipe and tube.....	...do.....	( <sup>3</sup> )	( <sup>3</sup> )	0.6	0.4
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	...do.....	(NA)	0.7	0.7	0.6
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	...do.....	(NA)	1.4	0.1	0.1
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	...do.....	(NA)		2.2	1.1
339915	Metal powders.....	...do.....	( <sup>2</sup> )	( <sup>2</sup> )	(NA)	(NA)
331051	Pig iron, excluding silvery iron.....	1,000 short tons.	( <sup>2</sup> )	( <sup>2</sup> )	14.6	0.9
999811	Iron and steel scrap (excluding home scrap).....	...do.....	( <sup>2</sup> )	( <sup>2</sup> )	36.5	1.5
	Castings (rough and semifinished): <sup>4</sup>					
332011	Iron (gray and malleable).....	...do.....	18.6	8.8	26.3	9.1
332300	Steel.....	...do.....	21.8	12.2	20.6	12.0
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	18.4	15.6	12.4	11.1
336200	Copper and copper-base alloy.....	...do.....	1.8	1.5	3.0	2.0
339100	Iron and steel forgings <sup>4</sup> .....	1,000 short tons.	(NA)	8.8	6.1	4.5
	Electric motors and generators: <sup>4</sup>					
	Fractional horsepower electric motors (under 1 hp.):					
362110	Timing motors, synchronous and subsynchronous.....	1,000.....	( <sup>6</sup> )	( <sup>6</sup> )	188.7	2.0
362115	Other fractional horsepower electric motors.....	...do.....	(NA)	5.9	363.6	4.8
362120	Integral horsepower motors and generators (1 hp. and over).....	...do.....	(NA)	3.5	7.3	3.7
	Bearings:					
356218	Ball.....	...do.....	(X)	8.8	(X)	6.1
356201	Roller.....	...do.....	(X)	8.7	(X)	4.1
970099	All other materials and components, parts, containers, and supplies consumed.....	...do.....	(X)	219.1	(X)	152.0
976000	Materials, parts, containers and supplies, n.s.k. <sup>5</sup> .....	...do.....	(X)	54.7	(X)	28.1

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. From 10 to 30 percent of this figure was estimated. (Z) Under 50 thousand.

<sup>1</sup>The figures are understated by \$5 million or less because of apparent undercoverage of carbon steel pipe and tubes.

<sup>2</sup>Included with material code 970099, "All other materials and components" to avoid disclosing figures for individual companies.

<sup>3</sup>Included with material code 970099, "All other materials and components, etc."

<sup>4</sup>For industry 3541, 35.1 thousand short tons of iron castings (code 332011) were produced and consumed in the same establishment in 1967. No other data are available for 1967 on the quantities of castings, iron and steel forgings, or electric motors and generators produced and consumed in the same establishment. For 1963, the following data are available: industry 3541--iron castings (code 332011), 33.8 thousand short tons; and industry 3548--other fractional horsepower electric motors (code 362115), 2,007.2 thousand units.

<sup>5</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967 this includes estimates for companies that were not mailed report forms.

<sup>6</sup>Included with material code 970099, "All other materials and components, etc." The value of these individual materials is less than \$2.5 million.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 3551.--FOOD PRODUCTS MACHINERY						
	Materials, parts, containers, and supplies, total.....		(X)	272.1	(X)	204.8
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	33.4	7.6	26.5	6.7
331012	Sheet and strip.....	..do.....	35.7	6.4	35.3	5.9
331013	Plates.....	..do.....	28.6	5.6	18.4	2.9
331015	Structural shapes.....	..do.....	16.2	2.9	12.2	2.2
331019	All other carbon steel mill shapes and forms.....	..do.....	8.2	2.5	6.4	2.0
331020	Alloy steel (except stainless).....	..do.....	5.7	2.7	4.1	1.6
331031	Stainless steel.....	..do.....	13.5	17.4	10.4	13.2
335121	Copper and copper-base alloy mill shapes and forms.....	Million lbs.....	1.6	1.1	1.3	1.0
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	..do.....	1.6	1.2	2.2	1.2
335209	All other aluminum mill shapes and forms (extruded shapes, wire, rod, bar, powder, tubing, etc.).....	..do.....	0.9	0.8	1.5	0.8
	Castings (rough and semifinished): <sup>1</sup>					
332011	Iron (gray and malleable).....	1,000 short tons.	20.1	10.7	23.6	9.6
332300	Steel.....	..do.....	4.3	3.6	5.3	3.8
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	3.0	3.6	4.0	3.4
336200	Copper and copper-base alloy.....	..do.....	2.0	1.9	2.1	1.6
	Electrical motors and generators: <sup>1</sup>					
362115	Fractional horsepower electric motors (under 1 hp.) (excluding timing motors).....	1,000.....	127.9	5.0	85.7	3.0
362120	Integral horsepower motors and generators (1 hp. and over).....	..do.....	53.2	7.1	51.3	8.7
	Bearings:					
356218	Ball.....		(X)	3.2	(X)	2.3
356201	Roller.....		(X)	1.6	(X)	1.8
970099	All other materials and components, parts, containers, and supplies consumed..... <sup>2</sup>		(X)	141.7	(X)	90.4
976000	Materials, etc., n.s.k. <sup>2</sup> .....		(X)	45.5	(X)	42.6
INDUSTRY 3552.--TEXTILE MACHINERY						
	Materials, parts, containers, and supplies, total.....		(X)	277.9	(X)	209.8
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	49.4	13.5	41.5	10.1
331012	Sheet and strip.....	..do.....	28.3	7.4	24.4	5.4
331015	Structural shapes.....	..do.....	10.3	2.1	9.5	1.9
331017	Wire and wire products.....	..do.....	7.0	5.9	6.0	5.0
331019	All other carbon steel mill shapes and forms.....	..do.....	4.1	1.4	3.2	1.3
331020	Alloy steel (except stainless).....	..do.....	4.4	2.3	2.1	1.1
331031	Stainless steel.....	..do.....	4.8	7.3	2.7	4.8
335121	Copper and copper-base alloy mill shapes and forms.....	Million lbs.....	( <sup>3</sup> )	( <sup>3</sup> )	3.3	2.0
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	..do.....	2.3	1.7	1.2	0.8
335205	Extruded shapes (including extruded rod, bar, pipe, tube, etc.).....	..do.....	(NA)	2.9	1.4	1.1
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	..do.....	1.3	0.9	1.6	0.9
	Primary metal and scrap:					
331051	Pig iron excluding silvery iron.....	1,000 short tons.	( <sup>3</sup> )	( <sup>3</sup> )	21.4	1.4
999811	Iron and steel scrap (excluding home scrap).....	..do.....	( <sup>3</sup> )	( <sup>3</sup> )	17.6	1.1
	Castings (rough and semifinished): <sup>1</sup>					
332011	Iron (gray and malleable).....	..do.....	55.0	20.9	57.5	22.0
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	( <sup>3</sup> )	( <sup>3</sup> )	2.1	1.9
362120	Integral horsepower electric motors and generators (1 hp. and over) <sup>1</sup> .....	1,000.....	(NA)	7.0	25.0	4.4
	Bearings:					
356218	Ball.....		(X)	5.8	(X)	5.5
356201	Roller.....		(X)	1.3	(X)	0.9
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	154.6	(X)	116.7
972000	Materials, etc., n.s.k. <sup>2</sup> .....		(X)	42.9	(X)	21.4

See footnotes at end of table.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 3553.-- WOODWORKING MACHINERY						
	Materials, parts, containers, and supplies, total.....		(X)	108.2	(X)	94.4
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	29.7	8.7	19.3	4.4
331012	Sheet and strip.....	..do.....			17.7	4.7
331013	Plates.....	..do.....			10.3	1.9
331019	All other carbon steel mill shapes and forms.....	..do.....			4.7	1.5
331020	Alloy steel (except stainleas).....	..do.....			3.1	2.7
331031	Stainless steel.....	..do.....			0.2	0.6
	Castings (rough and semifinished): <sup>1</sup>					
332011	Iron (gray and malleable).....	1,000 short tons.	20.0	7.2	12.0	4.4
332300	Steel.....	..do.....	(X)	2.8	1.8	1.5
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	(X)	4.1	2.8	3.3
339100	Iron and steel forgings.....	1,000 short tons.	( <sup>3</sup> )	( <sup>3</sup> )	1.3	1.4
362120	Integral horsepower motors and generators (1 hp. and over) <sup>1</sup> .....	1,000.....	73.2	5.7	38.9	2.9
	Bearings:					
356218	Ball.....		(X)	2.6	(X)	1.7
356201	Roller.....				(X)	0.8
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	49.0	(X)	47.0
972000	Materials, etc., n.s.k. <sup>2</sup> .....		(X)	28.1	(X)	15.7
INDUSTRY 3554.--PAPER INDUSTRIES MACHINERY						
	Materials, parts, containers, and supplies, total.....		(X)	223.1	(X)	165.6
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and shapes.....	1,000 short tons..	22.8	6.0	19.8	4.8
331013	Plates.....	..do.....	41.3	7.2	21.9	3.7
331019	All other carbon steel mill shapes and forms.....	..do.....	10.5	2.9	7.2	2.0
331020	Alloy steel (except stainless).....	..do.....	3.4	1.5	2.4	1.1
331031	Stainless steel.....	..do.....	4.4	10.1	5.2	9.6
	Copper and copper-base alloy:					
335102	Rod, bar, and mechanical wire including extruded and/or drawn shapes.....	Million lbs.....	(NA)	9.1	2.3	3.2
335123	Plate, sheet, and strip (including military cups and discs).....	..do.....			1.2	2.2
335127	Pipe and tube.....	..do.....			0.6	0.3
	Primary metals and scrap:					
331051	Pig iron, excluding silvery iron.....	1,000 short tons..	(D)	(D)	50.4	2.9
999811	Iron and steel scrap (excluding home scrap).....	..do.....	(D)	(D)	13.9	1.0
	Castings (rough and semifinished): <sup>1</sup>					
332011	Iron (gray malleable).....	..do.....	29.4	11.6	15.6	6.2
332300	Steel.....	..do.....	4.5	3.8	2.9	2.6
362120	Integral horsepower electric motors and generators (1 hp. and over) <sup>1</sup> .....	1,000.....	20.6	13.4	8.3	5.4
	Bearings:					
356218	Ball.....		(X)	5.4	(X)	3.2
356201	Roller.....		(X)	1.8	(X)	0.9
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	120.4	(X)	104.8
972000	Materials, etc., n.s.k. <sup>2</sup> .....		(X)	29.9	(X)	11.4
INDUSTRY 3555.-- PRINTING TRADES MACHINERY						
	Materials, parts, containers, and supplies, total.....		(X)	234.2	(X)	123.2
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons..	23.2	7.4	18.2	5.1
331012	Sheet and strip.....	..do.....	3.8	1.0	2.4	0.5
331013	Plates.....	..do.....	4.6	1.7	2.5	0.6
331019	All other carbon steel mill shapes and forms.....	..do.....	<sup>4</sup> 4.2	<sup>4</sup> 1.4	3.644	1.3

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963-Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3555.--PRINTING TRADES MACHINERY--Continued					
331021	Alloy steel (except stainless):					
331029	Bars and bar shapes.....	...do.....	(NA)	1.4	1.8	0.8
	All other alloy steel mill shapes and forms.....	...do.....			0.4	0.2
331031	Stainless steel.....	...do.....	0.5	0.6	0.4	0.9
335790	Copper and copper-base alloy:					
	Insulated wire and cable.....	Million lbs. (copper content)	(D)	(D)	0.1	(Z)
335102	Rod, bar, and mechanical wire, including extruded and/or					
	drawn shapes.....	Million lbs.....	(NA)	1.6	0.4	0.2
335123	Plate, sheet, and strip (including military cups and discs).	...do.....			2.6	1.2
335127	Pipe and tube.....	...do.....			( <sup>3</sup> )	( <sup>3</sup> )
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	...do.....	5.7	3.6	3.2	1.6
335209	All other aluminum mill shapes and forms.....	...do.....			0.8	0.6
	Castings (rough and semifinished): <sup>1</sup>					
332011	Iron (gray and malleable).....	1,000 short tons.	66.6	28.8	33.2	13.5
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	2.6	2.9	1.9	2.1
	Electrical motors and generators: <sup>1</sup>					
362115	Fractional horsepower electric motors (under 1 hp.) excluding					
	timing motors.....	1,000.....	61.6	2.5	29.6	1.1
362120	Integral horsepower motors and generators (1hp. and over)....	...do.....	13.1	6.6	9.0	4.5
	Bearings:					
356218	Ball.....	.....	(X)	5.0	(X)	1.9
356201	Roller.....	.....			(X)	1.1
970099	All other materials and components, parts, containers, and		(X)	116.6	(X)	58.9
973000	supplies consumed.....		(X)	53.1	(X)	26.9
	Materials, containers, supplies, n.s.k. <sup>2</sup> .....					
	INDUSTRY 3559.--SPECIAL INDUSTRY MACHINERY, N.E.C.					
	Materials, parts, containers, and supplies, total.....		(X)	670.4	(X)	355.9
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	69.2	15.6	52.8	11.4
331012	Sheet and strip.....	...do.....	44.1	7.8	34.4	6.3
331013	Plates.....	...do.....	120.0	21.1	73.9	12.7
331015	Structural shapes.....	...do.....	38.5	6.9	23.4	4.3
331017	Wire and wire products.....	...do.....	(NA)	2.5	3.8	1.6
331019	All other carbon steel mill shapes and forms.....	...do.....	421.9	45.7	16.4	3.6
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	...do.....	12.0	6.4	8.7	4.1
331029	All other alloy steel mill shapes and forms.....	...do.....	(NA)	5.8	4.5	1.7
331031	Stainless steel.....	...do.....	21.5	29.3	8.2	12.0
	Copper and copper-base alloy:					
335102	Rod, bar, and mechanical wire, including extruded and/or					
	drawn shapes.....	Million lbs.....	2.8	2.6	1.5	1.0
335123	Plate, sheet, and strip, (including military cups and discs)	...do.....	(NA)	3.0	1.2	0.9
335127	Pipe and tube.....	...do.....	( <sup>3</sup> )	( <sup>3</sup> )	2.0	1.5
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	...do.....	3.4	2.3	1.9	1.0
335205	Extruded shapes (including extruded rod, bar, pipe, tube,					
	etc.).....	...do.....	1.1	0.8	1.3	1.0
335209	All other aluminum mill shapes and forms (wire, rolled rod					
	and bar, powder, welded tubing, etc.).....	...do.....	1.7	1.3	2.3	0.9
	Primary metals and scrap:					
331051	Pig iron, excluding silvery iron.....	1,000 short tons.	(D)	(D)	21.3	1.7
999811	Iron and steel scrap (excluding home scrap).....	...do.....	(D)	(D)	69.5	2.0
	Castings (rough and semifinished): <sup>1</sup>					
332011	Iron (gray and malleable).....	...do.....	44.4	21.3	33.4	14.2
332300	Steel.....	...do.....	36.6	23.9	19.8	11.8
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	(NA)	5.3	3.9	3.3
336200	Copper and copper-base alloy.....	...do.....	3.8	4.1	2.0	2.0
	Electrical motors and generators: <sup>1</sup>					
362115	Fractional horsepower electric motors (under 1 hp.) (excluding					
	timing motors).....	1,000.....	(NA)	9.6	53.5	2.1
362120	Integral horsepower motors and generators (1 hp. and over)....	...do.....	95.8	21.9	51.1	11.2

See footnotes at end of table.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 3561.--PUMPS AND COMPRESSORS						
	Materials, parts, containers, and supplies, total.....		(X)	873.7	(X)	570.4
Mill shapes and forms (except castings):						
Carbon steel:						
331011	Bars and bar shapes.....	1,000 short tons.	40.0	10.4	38.9	8.7
331012	Sheet and strip.....	..do.....	32.8	5.6	33.1	5.7
331013	Plates.....	..do.....	44.7	7.0	34.2	5.6
331015	Structural shapes.....	..do.....	33.9	5.7	12.1	2.1
331019	All other carbon steel mill shapes and forms.....	..do.....	24.3	7.4	26.9	7.4
Alloy steel (except stainless):						
331021	Bars and bar shapes.....	..do.....	18.4	6.0	12.9	4.0
331029	All other alloy steel.....	..do.....	2.3	1.7	3.4	1.6
331031	Stainless steel.....	..do.....	10.7	12.4	5.8	7.3
Copper and copper-base alloy:						
335790	Insulated wire and cable.....	Million lbs. (copper content)	2.1	1.6	2.2	1.7
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	5.1	3.2	4.4	2.5
335123	Plate, sheet, and strip, including military cups and discs...	..do.....	0.2	0.1	0.7	0.4
335127	Pipe and tube.....	..do.....	9.4	7.3	4.7	3.1
Aluminum and aluminum-base alloy:						
335205	Extruded shapes (including extruded rod, bar, pipe, tube, etc.).....	..do.....	1.1	0.9	1.2	0.6
335209	All other aluminum mill shapes and forms (sheet, plate, foil, wire, rolled rod and bar, powder, welded tubing, etc.).....	..do.....	0.4	0.3	1.4	1.0
Primary metals:						
331051	Pig iron excluding silvery iron.....	1,000 short tons.	37.9	2.5	26.2	1.8
333122	Copper and copper-base alloy refinery shapes.....	..do.....	5.7	5.2	5.4	3.1
999811	Iron and steel scrap (excluding home scrap).....	..do.....	61.8	2.6	33.2	1.3
Castings (rough and semifinished): <sup>1</sup>						
332011	Iron (gray and malleable).....	..do.....	143.7	63.7	115.4	43.1
332300	Steel.....	..do.....	27.2	26.9	11.0	14.5
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	9.2	7.1	5.5	4.5
336200	Copper and copper-base alloy.....	..do.....	14.5	15.4	17.1	13.4
339100	Iron and steel forgings <sup>1</sup> .....	1,000 short tons.	19.5	20.7	8.8	8.8
Engines: <sup>1</sup>						
351920	Diesel and semidiesel.....	1,000.....	3.7	7.3	2.0	6.5
351901	Gasoline and other carburetor.....	..do.....	(NA)	21.8	104.6	7.9
Electric motors and generators: <sup>1</sup>						
362115	Fractional horsepower electric motors (under 1 hp.) (excluding timing motors).....	..do.....	1,617.0	28.7	1,421.8	24.6
362120	Integral horsepower motors and generators (1 hp. and over)....	..do.....	366.6	40.1	231.7	26.9
Bearings:						
356218	Ball.....	..do.....	(X)	7.1	(X)	4.2
356201	Roller.....	..do.....	(X)	5.4	(X)	11.9
970099	All other materials and components, parts, containers, and supplies consumed.....	..do.....	(X)	426.5	(X)	305.0
976000	Materials, parts, containers, and supplies, n.s.k. <sup>2</sup> .....	..do.....	(X)	123.1	(X)	41.3
INDUSTRY 3562.--BALL AND ROLLER BEARINGS						
	Materials, parts, containers, and supplies, total.....		(X)	462.9	(X)	343.7
Mill shapes and forms (except castings):						
Carbon steel:						
331011	Bars and bar shapes.....	1,000 short tons.	34.1	10.8	13.2	4.5
331012	Sheet and strip.....	..do.....	71.9	16.3	68.4	13.1
331017	Wire and wire products.....	..do.....	56.4	20.3	22.3	8.6
331013	Plates.....	..do.....			3.8	0.5
331015	Structural shapes.....	..do.....	11.5	4.2		
331019	All other carbon steel mill shapes and forms.....	..do.....			4.7	1.7
Alloy steel (except stainless):						
331021	Bars and bar shapes.....	..do.....	114.3	44.3	138.3	52.3
331029	All other alloy mill shapes and forms.....	..do.....	216.2	110.9	180.2	84.0

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 3562.--BALL AND ROLLER BEARINGS--Con.						
Materials, parts, containers, and supplies--Con.						
Mill shapes and forms (except castings):--Continued						
331031	Stainless steel.....	...do.....	2.7	4.1	1.2	1.8
335102	Copper and copper-base alloy: Rod, bar, and mechanical wire, including extruded an/or drawn shapes.....	Million lbs.....	3.1	2.5	2.2	1.2
335123	Plate, sheet, and strip, including military cups and discs....	...do.....				
335127	Pipe and tube.....	...do.....				
333122	Copper and copper-base alloy refinery shapes.....	1,000 short tons.	(3)	(3)	(3)	(3)
Scrap (excluding home scrap):						
999811	Iron and steel.....	...do.....	(3)	(3)	(3)	(3)
999812	Copper and copper-base alloy.....	...do.....	(3)	(3)	(NA)	(NA)
Castings (rough and semifinished): <sup>1</sup>						
332011	Iron (gray and malleable).....	...do.....	23.7	10.0	21.7	8.3
332300	Steel.....	...do.....	9.3	6.7	2.4	1.6
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	(3)	(3)	(3)	(3)
336200	Copper and copper-base alloy.....	...do.....	4.0	4.7	2.9	3.1
339915	Metal powders.....	...do.....	(3)	(3)	(NA)	(NA)
339100	Iron and steel forgings <sup>1</sup> .....	1,000 short tons.	31.3	22.1	16.6	11.5
Bearings:						
356218	Ball.....	.....	(X)	15.6	(X)	10.8
356201	Roller.....	.....	(X)	7.7	(X)	3.7
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	176.3	(X)	120.3
976000	Materials, parts, containers, and supplies, n.s.k. <sup>2</sup> .....	.....	(X)	5.8	(X)	16.7
INDUSTRY 3564.--BLOWERS AND FANS						
Materials, parts, containers, and supplies, total.....						
			(X)	187.6	(X)	114.8
Mill shapes and forms (except castings):						
Carbon steel:						
331011	Bars and bar shapes.....	1,000 short tons.	14.8	2.9	10.1	1.9
331012	Sheet and strip.....	...do.....	91.0	15.2	72.3	11.4
331013	Plates.....	...do.....	24.3	4.2	19.5	2.9
331015	Structural shapes.....	...do.....	5.4	1.1	4.5	0.7
331017	Wire and wire products.....	...do.....	1.2	0.8	0.8	0.4
331019	All other carbon steel mill shapes and forms.....	...do.....	7.0	1.5	6.5	1.8
331020	Alloy steel, except stainless.....	...do.....	8.1	2.3	3.5	1.1
331031	Stainless steel.....	...do.....	1.5	2.3	0.9	1.3
335102	Copper and copper-base alloy: Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	(NA)	3.8	0.1 0.6 1.1	(2) 0.4 0.7
335123	Plate, sheet, and strip.....	...do.....				
335127	Pipe and tube.....	...do.....				
Aluminum and aluminum-base alloy:						
335202	Sheet, plate, and foil.....	...do.....	18.8	7.2	10.7	4.3
335205	Extruded shapes (including extruded rod, bar, pipe, tube, etc.).....	...do.....	-	-	0.3	0.2
335209	All other aluminum mill shapes and forms.....	...do.....	2.6	1.1	0.3	0.2
331051	Pig iron.....	1,000 short tons.	(3)	(3)	1.4	0.1
999811	Iron and steel scrap (excluding home scrap).....	...do.....	(3)	(3)	(3)	(3)
Castings (rough and semifinished): <sup>1</sup>						
332011	Iron (gray and malleable).....	...do.....	7.5	3.6	9.6	4.0
332300	Steel.....	...do.....	(3)	(3)	0.5	0.4
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	(NA)	3.8	1.5	1.1
336200	Copper and copper-base alloy.....	...do.....	(3)	(3)	0.2	0.2
Electric motors and generators:						
362110	Timing motors, synchronous and subsynchronous.....	1,000.....	677.4	12.1	85.3 218.1 89.6	1.1 4.8 7.3
362115	Other fractional horsepower electric motors.....	...do.....				
362120	Integral horsepower motors and generators.....	...do.....				
Bearings:						
356218	Ball.....	.....	(X)	3.1	(X)	3.2
356201	Roller.....	.....	(X)	0.4	(X)	0.6
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	79.1	(X)	50.3
976000	Materials, parts, containers, and supplies, n.s.k. <sup>2</sup> .....	.....	(X)	32.3	(X)	14.4

See footnotes at end of table.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3565.--INDUSTRIAL PATTERNS					
	Materials, components, parts, containers, and supplies, total.....	.....	(X)	29.9	(X)	23.5
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	(NA)	0.2	0.6	0.2
331012	Sheet and strip.....	...do.....	(NA)	0.2	0.1	(Z)
331013	Plates.....	...do.....	}	(NA)	1.4	0.3
331015	Structural shapes.....	...do.....				
331017	Wire and wire products.....	...do.....				
331019	All other carbon steel mill shapes and forms.....	...do.....				
	Alloy Steel (except stainless):					
331021	Bars and bar shapes.....	...do.....	}	(NA)	0.4	0.2
331029	All other alloy steel mill shapes and forms.....	...do.....				
331031	Stainless steel.....	...do.....				
	Copper and copper-base alloy:					
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	}	(NA)	(NA)	(Z)
335123	Plate, sheet and strip (including military cups and discs)..	...do.....				
335127	Pipe and tube.....	...do.....				
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate and foil.....	...do.....	(NA)	0.4	}	0.3
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	...do.....	(NA)	(Z)		
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	...do.....	(NA)	0.1		
	Castings (rough and semifinished): <sup>1</sup>					
332011	Iron (gray and malleable).....	1,000 short tons.	2.1	1.5	1.9	0.7
332300	Steel.....	...do.....	(NA)	0.2	0.2	0.1
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	(NA)	2.1	1.8	1.5
336200	Copper and copper-base alloy.....	...do.....	(NA)	0.1	0.1	0.1
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	10.9	(X)	7.7
972000	Materials, parts, containers, and supplies, n.s.k. <sup>2</sup> .....	.....	(X)	13.6	(X)	12.4
	INDUSTRY 3566.--POWER TRANSMISSION EQUIPMENT					
	Materials, components, parts, containers, and supplies, total.....	.....	(X)	399.7	(X)	290.2
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	89.4	21.3	78.8	16.5
331012	Sheet and strip.....	...do.....	80.9	19.6	85.0	18.1
331013	Plates.....	...do.....	42.7	8.2	29.9	4.7
331015	Structural shapes.....	...do.....	2.3	0.6	3.7	0.8
331017	Wire and wire products.....	...do.....	4.1	2.4	3.3	1.6
331019	All other carbon steel mill shapes and forms.....	...do.....	10.0	3.1	7.8	2.3
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	...do.....	31.4	10.1	35.6	9.9
331029	All other alloy steel mill shapes and forms.....	...do.....	23.2	10.6	16.9	8.2
331031	Stainless steel.....	...do.....	2.2	3.1	1.6	2.0
	Copper and copper-base alloy:					
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	million lbs.....	2.8	1.7	}	2.0
335127	Pipe and tube.....	...do.....	4.7	2.5		
335123	Plate, sheet, and strip, including military cups and discs...	...do.....	0.7	0.7		
333122	Copper and copper-base alloy refinery shapes.....	1,000 short tons.	7.3	5.5	9.2	6.1
	Scrap (excluding home scrap):					
999811	Iron and steel.....	...do.....	29.7	1.4	39.7	1.6
999812	Copper and copper-base alloy.....	...do.....	15.3	9.3	13.0	6.1
	Castings (rough and semifinished): <sup>1</sup>					
332011	Iron (gray and malleable).....	...do.....	105.8	37.7	84.5	25.6
332300	Steel.....	...do.....	9.8	6.9	18.0	8.4
336100	Aluminum and aluminum-base alloy.....	million lbs.....	6.4	5.3	2.5	2.3
336200	Copper and copper-base alloy.....	...do.....	10.9	9.4	9.2	5.8

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 3566.--POWER TRANSMISSION EQUIPMENT--Con.						
Materials, components, parts, containers, and supplies--Con.						
339915	Metal powders.....	Million lbs.....	7.6	2.6	(NA)	(NA)
339100	Iron and steel forgings <sup>1</sup> .....	1,000 short tons.	56.1	25.6	36.2	15.8
Bearings:						
356218	Ball.....	.....	(X)	10.8	(X)	9.6
356201	Roller.....	.....	(X)	8.3	(X)	6.6
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	111.9	(X)	102.3
976000	Materials, parts, containers, and supplies, n.s.k. <sup>2</sup> .....	.....	(X)	81.1	(X)	33.6
INDUSTRY 3567.--INDUSTRIAL FURNACES AND OVENS						
Materials, components, parts, containers, and supplies, total .....						
			(X)	198.3	(X)	113.0
Mill shapes and forms (except castings):						
Carbon steel:						
331012	Sheet and strip.....	1,000 short tons.	27.0	4.6	38.5	5.9
331013	Plates.....	.....do.....	52.7	9.2	38.5	3.0
331015	Structural shapes.....	.....do.....	27.8	4.9	8.8	1.5
331019	All other carbon steel mill shapes and forms.....	.....do.....	9.6	2.1	6.2	1.6
331020	Alloy steel (except stainless).....	.....do.....	12.3	20.2	1.1	0.9
331031	Stainless steel.....	.....do.....			3.7	7.2
Copper and copper-base alloy:						
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	5.7	4.5	0.4	0.3
335123	Plate, sheet, and strip, including military cups and discs...	.....do.....			0.4	0.3
335127	Pipe and tube.....	.....do.....			3.9	3.1
Aluminum and aluminum-base alloy:						
335202	Sheet, plate, and foil.....	.....do.....	(NA)	4.4	3.7	1.9
335205	Extruded shapes (including extruded rod, bar, pipe, tube, etc.).....	.....do.....			0.4	0.4
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	.....do.....			0.1	(Z)
332300	Steel castings (rough and semifinished) <sup>3</sup> .....	1,000 short tons.	4.5	2.6	5.8	3.3
970099	All other materials and components, parts, components, parts, containers, and supplies consumed.....	.....	(X)	101.7	(X)	63.5
976000	Materials, parts, containers, and supplies, n.s.k. <sup>2</sup> .....	.....	(X)	44.1	(X)	20.0
INDUSTRY 3569.--GENERAL INDUSTRIAL MACHINERY, N.E.C.						
Materials, components, parts, containers, and supplies, total .....						
			(X)	328.0	(X)	222.5
Mill shapes and forms (except castings):						
Carbon steel:						
331011	Bars and bar shapes.....	1,000 short tons.	40.4	9.2	40.6	7.4
331012	Sheet and strip.....	.....do.....	34.7	6.4	30.9	5.3
331013	Plates.....	.....do.....	42.2	7.8	22.0	3.7
331015	Structural shapes.....	.....do.....	25.2	5.4	13.3	2.5
331017	Wire and wire products.....	.....do.....	(NA)	0.9	1.5	0.8
331019	All other carbon steel mill shapes and forms.....	.....do.....	47.6	42.2	14.2	3.3
Alloy steel (except stainless):						
331021	Bar and bar shapes.....	.....do.....	5.7	2.5	3.4	1.4
331029	All other alloy steel mill shapes and forms.....	.....do.....	5.2	2.8	3.3	1.6
331031	Stainless steel.....	.....do.....	5.8	10.2	4.5	7.0
Copper and copper-base alloy:						
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	1.2	1.0	1.0	0.7
335123	Plate, sheet, and strip, including military cups and discs...	.....do.....	(NA)	1.0	0.9	0.9
335127	Pipe and tube.....	.....do.....	( <sup>5</sup> )	( <sup>5</sup> )	1.3	0.7
Aluminum and aluminum-base alloy:						
335202	Sheet, plate, and foil.....	.....do.....	3.9	2.4	4.7	2.6
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.	.....do.....	(NA)	1.2	1.6	1.9
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	.....do.....	(NA)	1.6	1.5	1.3
331051	Pig iron excluding silvery iron.....	1,000 short tons.	( <sup>3</sup> )	( <sup>3</sup> )	0.5	(Z)
999811	Iron and steel scrap (excluding home scrap).....	.....do.....	( <sup>3</sup> )	( <sup>3</sup> )	2.4	0.1

See footnotes at end of table.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3569.--GENERAL INDUSTRIAL MACHINERY, N.E.C.--Con.  Materials, components, parts, containers, and supplies--Con.  Castings (rough and semifinished): <sup>1</sup>					
332011	Iron (gray and malleable).....	...do.....	21.6	10.5	13.7	6.3
332300	Steel.....	...do.....	5.1	5.1	2.5	2.2
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	(NA)	3.3	1.4	1.0
336200	Copper and copper-base alloy.....	...do.....	4.3	4.4	2.4	2.0
	Electric motors and generators: <sup>1</sup>					
362115	Fractional horsepower electric motors (under 1 hp.) (excluding timing motors).....	Thousands.....	124.0	4.8	51.2	1.9
362120	Integral horsepower motors and generators (1 hp. and over).....	...do.....	23.9	3.0	18.6	2.1
	Bearings:					
356218	Ball.....	.....	(X)	1.0	(X)	0.9
356201	Roller.....	.....	(X)	0.7	(X)	0.3
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	155.2	(X)	115.5
976000	Materials, parts, containers, and supplies, n.s.k. <sup>2</sup> .....	.....	(X)	85.4	(X)	49.0

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. <sup>3</sup>From 10 to 30 percent of this figure was estimated. (Z) Less than \$50 thousand.

<sup>1</sup>For 1967, 77.1 thousand short tons of iron castings (code 332011) were produced and consumed in the same establishment for industry 3561. No other data are available for 1967 on the quantities of castings, forgings, engines, or electric motors and generators produced and consumed in the same establishment. For 1963, the following data are available: industry 3561-- iron castings (code 332011), 54.9 thousand short tons; fractional horsepower electric motors (code 362115), 420.4 thousand units; and integral horsepower motors and generators (code 362120), 13.4 thousand units; industry 3564-- iron castings (code 332011), 1.7 thousand short tons; and aluminum and aluminum-base alloy castings (code 336100), 0.5 thousand short tons; industry 3566-- iron castings (code 332011), 34.7 thousand short tons; and steel castings (code 332300), 0.1 thousand short tons; industry 3569-- iron castings (code 332011), 1.8 thousand short tons; and integral horsepower motors and generators (code 362120), 0.3 thousand units.

<sup>2</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967 this includes estimates for companies that were not mailed report forms.

<sup>3</sup>Included with material code 970099 "All other materials and components, etc." to avoid disclosing figures for individual companies.

<sup>4</sup>These figures are understated by \$5 million or less because of apparent undercoverage of carbon steel pipe and tube.

<sup>5</sup>Included with material code 970099 "All other materials and components, etc."

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3572.--TYPEWRITERS					
	Materials, parts, containers, and supplies, total.....		(X)	146.6	(X)	73.9
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	30.0	8.7	0.8	5.9
331012	Sheet and strip.....	..do.....				20.2
331017	Wire and wire products.....	..do.....				1.7
331015	Structural shapes.....	..do.....				
331019	All other carbon steel mill shapes and forms.....	..do.....				0.4
331020	Alloy steel (except stainless).....	..do.....				0.3
331031	Stainless steel.....	..do.....				0.2
	Copper and copper-base alloy:					
335728	Bare wire (For electrical conduction only).....	million lbs.....	(1)	(1)	(NA)	(NA)
335790	Insulated wire and cable.....	million lbs. copper content..	(1)	(1)	(1)	(1)
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	million lbs.....	(1)	(1)	(1)	(1)
335123	Plate, sheet, and strip (including military cups and discs).. Pipe and tube.....	..do.....				
335127		..do.....				
	Aluminum and aluminum-base alloy:					
335205	Extruded shapes (including extruded rod, bar, pipe, tube, etc.).....	..do.....	2.2	1.9	0.6	0.8
335202	Sheet, plate, and foil.....	..do.....				
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar powder, welded tubing).....	..do.....				0.3
	Castings (rough and semifinished): <sup>2</sup>					
332300	Steel.....	1,000 short tons.	1.2	0.7	3.0	1.5
336100	Aluminum and aluminum-base alloy.....	million lbs.....	1.8	1.9	4.5	3.7
	Electric motors and generators: <sup>2</sup>					
	Fractional horsepower electric motors (under 1 hp.):					
362110	Timing motors, synchronous and subsynchronous.....	1,000.....	1,359.9	5.8	688.3	(1)
362115	Fractional horsepower electric motors (excluding timing motors).....	..do.....				(1)
362120	Integral horsepower motors and generators (1 h.p. and over)....	..do.....	-	-	(NA)	(NA)
	Bearings:					
356218	Ball.....		(X)	(1)	(X)	0.5
356201	Roller.....					
367010	Electron tubes, except X-ray <sup>2</sup> .....	million.....	(1)	(1)	(1)	(1)
367408	Solid state semiconductors <sup>2</sup> .....	..do.....	(1)	(1)	(1)	(1)
367901	Resistors, capacitors, transformers, sockets, and other electronic components and accessories, except solid state semi- conductors.....		(X)	(1)	(X)	(NA)
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	100.3	(X)	53.7
976000	Materials and components, n.s.k. <sup>3</sup> .....		(X)	27.3	(X)	1.5

Material	Unit of measure	1967				1963	
		Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
		INDUSTRY 3573. --ELEC- TRONIC COMPUTING EQUIPMENT		INDUSTRY 3574. --CALCU- LATING AND ACCOUNTING MACHINES		INDUSTRIES 3573 AND 3574. --COMPUTING AND RELATED MACHINES	
Materials, parts, containers, and supplies, total.....	.....	(X)	<sup>4</sup> 1,768.1	(X)	141.3	(X)	<sup>4</sup> 1,388.7
Mill shapes and forms (except castings):							
Carbon steel:							
331011 Bars and bar shapes.....	1,000 short tons.	1.8	0.8	( <sup>5</sup> )	( <sup>5</sup> )	11.0	3.2
331012 Sheet and strip.....	...do.....	(NA)	5.8	30.1	7.6	22.9	5.6
331015 Structural shapes.....	...do.....	( <sup>6</sup> )	( <sup>6</sup> )			1.4	0.4
331017 Wire and wire products.....	...do.....	2.9	3.6			0.2	0.3
331019 All other carbon steel mill shapes and forms..	...do.....	<sup>6</sup> 6.7	<sup>6</sup> 2.1			<sup>5</sup> 13.6	<sup>5</sup> 4.4
331020 Alloy steel (except stainless).....	...do.....	2.1	3.1	{	{	2.5	2.0
331031 Stainless steel.....	...do.....					0.8	1.2

See footnotes at end of table.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967				1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
			INDUSTRY 3573.--ELEC- TRONIC COMPUTING EQUIPMENT--Con.		INDUSTRY 3574.--CALCU- LATING AND ACCOUNTING MACHINES--Con.		INDUSTRIES 3573 AND 3574.--COMPUTING AND RELATED MACHINES--Con.	
	Materials, parts, containers, and supplies,-- Continued							
	Mill shapes and forms (except castings)--Continued							
	Copper and copper-base alloy:							
335728	Bare wire for electrical conduction.....	Million lbs.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.7	4.4
335790	Insulated wire and cable.....	Million lbs. (copper content)	(NA)	39.0	( <sup>1</sup> )	( <sup>1</sup> )		
335102	Rod, bar, and mechanical wire, including extruded an/or drawn shapes.....	Million lbs.....	0.5	0.6	( <sup>1</sup> )	( <sup>1</sup> )	0.8	0.5
335123	Plate, sheet, and strip (including military cups and discs).....	..do.....			( <sup>1</sup> )	( <sup>1</sup> )	2.4	2.9
335127	Pipe and tube.....	..do.....			( <sup>1</sup> )	( <sup>1</sup> )	0.3	0.3
	Aluminum and aluminum-base alloy:							
335202	Sheet, plate and foil.....	..do.....	8.9	8.4	3.6	2.0	1.9	1.4
335205	Extruded shapes (including extruded rod, bar, pipe tube, etc.).....	..do.....					1.6	1.1
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	..do.....					0.7	0.4
332300	Castings (rough and semifinished): <sup>2</sup>							
	Steel.....	1,000 short tons.	(NA)	2.8	( <sup>1</sup> )	( <sup>1</sup> )	0.6	0.6
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	3.2	4.1	( <sup>1</sup> )	( <sup>1</sup> )	2.7	3.2
	Electric motors and generators: <sup>2</sup>							
	Fractional horsepower electric motors (under 1 hp.):							
362110	Timing motors, synchronous and subsynchronous.	1,000.....	(NA)	4.7	214.3	0.5	(NA)	1.6
362115	Other fractional horsepower electric motors...	..do.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	353.2	7.9
362120	Integral horsepower motors and generators (1 hp. and over).....	..do.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	13.0	4.1
	Bearings:							
356218	Ball.....		(X)	4.1	(X)	( <sup>1</sup> )	(X)	3.1
356201	Roller.....				(X)	( <sup>1</sup> )	(X)	0.2
367010	Electron tubes, except X-ray <sup>2</sup> .....	Millions.....	0.5	1.0	( <sup>1</sup> )	( <sup>1</sup> )	1.1	2.5
367408	Solid state semiconductors <sup>2</sup> .....	..do.....	348.4	141.4	92.2	13.4	257.2	100.8
367901	Resistors, capacitors, transformers, sockets, and other electronic components and accessories, except solid state semiconductors.....		(X)	205.7	(X)	12.2	(X)	1,215.8
357330	Parts and attachments specially designed for electronic computing equipment.....		(X)	688.7	(X)	( <sup>1</sup> )	(X)	
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	622.6	(X)	89.4	(X)	
976000	Materials and components, n.s.k. <sup>3</sup> .....		(X)	29.5	(X)	11.8	(X)	24.3

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3576.--SCALES AND BALANCES					
	Materials, parts, containers, and supplies, total.....		(X)	46.9	(X)	32.0
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 Short tons.	2.0	0.5	2.1	0.5
331012	Sheet and strip.....	..do.....	17.5	3.1	22.5	3.5
331015	Structural shapes.....	..do.....	5.8	1.0	4.7	0.9
331017	Wire and wire products.....	..do.....	1.7	0.4	0.1	(Z)
331019	All other carbon steel mill shapes and forms.....	..do.....			2.1	0.5
331020	Alloy steel (except stainless).....	..do.....	0.6	0.9	0.1	0.1
331031	Stainless steel.....	..do.....			0.4	0.6
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction only).....	Million lbs.....	(Z)	(Z)	(NA)	(NA)
335790	Insulated wire and cable.....	Million lbs copper content..	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
335123	Plate, sheet, and strip (including military cups and discs)...	..do.....				
335127	Pipe and tube.....	..do.....				

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3576.--SCALES AND BALANCES--Continued					
	Materials, parts, containers, and supplies--Continued					
	Mill shapes and forms (except castings)--Continued					
	Aluminum and aluminum base alloy:					
335202	Sheet, plate, and foil.....	...do.....	}	(1)	{	0.4
335205	Extruded shapes (including extruded rod, bar, pipe tube, etc.)	...do.....				(Z)
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	...do.....				(Z)
	Castings (rough and semifinished): <sup>2</sup>					
332300	Steel.....	Short tons.....	0.3	0.2	0.2	0.2
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	(NA)	1.8	2.4	1.6
	Electric motors and generators: <sup>2</sup>					
	Fractional horsepower electric motors (under 1 hp.)					
362110	Timing motors, synchronous and subsynchronous.....	1,000.....	4.1	0.4	2.6	0.1
362115	Other fractional horsepower electric motors (excluding timing motors).....	...do.....	11.3	0.5	10.9	0.3
362120	Integral horsepower motors and generators (1 hp. and over).....	...do.....	(NA)	0.3	(NA)	0.1
	Bearings:					
356218	Ball.....	.....	}	(X)	(X)	0.1
356201	Roller.....	.....				
367010	Electron tubes, except X-ray <sup>2</sup> .....	Million.....	(1)	(1)	(1)	(1)
367408	Solid state semiconductors <sup>2</sup> .....	...do.....	(1)	(1)	(1)	(1)
367901	Resistors, capacitors, transformers, sockets, and other electronic components and accessories, except state semiconductors.....	.....	(X)	(1)	(X)	(NA)
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	19.6	(X)	16.3
976000	Materials and components, n.s.k. <sup>3</sup> .....	.....	(X)	18.0	(X)	7.0
	INDUSTRY 3579.--OFFICE MACHINES, N.E.C.					
	Materials, parts, containers, and supplies, total.....		(X)	106.2	(X)	77.8
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons..	2.6	0.8	4.4	1.4
331012	Sheet and strip.....	...do.....	17.3	5.2	15.3	3.8
331017	Wire and wire products.....	...do.....	}	3.9	{	2.5
331015	Structural shapes.....	...do.....				1.3
331019	All other carbon steel mill shapes and forms.....	...do.....				1.3
331020	Alloy steel (except stainless).....	...do.....	0.2	0.2	0.7	0.5
331031	Stainless steel.....	...do.....	0.4	0.5	0.4	0.5
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction).....	Million lbs.....	(1)	(1)	}	0.3
335790	Insulated wire and cable.....	Million lbs copper content....	(NA)	0.3		
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	}	(NA)	{	0.1
335123	Plate, sheet, and strip (including military cups and discs)...	...do.....				0.5
335127	Pipe and tube.....	...do.....				(Z)
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate and foil.....	...do.....	(7)	(7)	0.9	0.6
335205	Extruded shapes (including extruded rod, bar, pipe, tube, etc.).....	...do.....	0.3	0.2	0.8	0.6
335209	All other aluminum mill shapes and forms.....	...do.....	7 0.9	7 1.6	0.9	0.9
	Castings (rough and semifinished): <sup>2</sup>					
332300	Steel.....	1,000 short tons.	1.7	0.8	0.6	0.3
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	(1)	(1)	1.6	1.5
	Electric motors and generators: <sup>2</sup>					
	Fractional horsepower electric motors (under 1 hp.):					
362110	Timing motors, synchronous and subsynchronous.....	1,000 short tons.	313.8	2.1	50.3	0.2
362115	Fractional horsepower electric motors.....	...do.....	208.1	2.6	150.5	1.9
362120	Integral horsepower motors and generators (1 hp. and over).....	...do.....	-	-	(1)	(1)
	Bearings:					
356218	Ball.....	.....	}	(X)	(X)	0.5
356201	Roller.....	.....				

See footnotes at end of table.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3579.--OFFICE MACHINES, N.E.C.--Continued					
367010	Electron tubes except X-ray <sup>2</sup> .....	Million lbs.....	0.1	(Z)	0.1	0.1
367408	Solid state semiconductors <sup>2</sup> .....	....do.....	1.4	0.3	1.1	0.2
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	65.1	(X)	43.3
976000	Materials and components, n.s.k. <sup>3</sup> .....		(X)	20.9	(X)	16.6

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. <sup>a</sup>From 10 to 30 percent of this figure was estimated. (Z) Under 50 thousand (or under 50 employees).

<sup>1</sup>Included with material code 970099, "All other materials, etc." to avoid disclosing figures of individual companies.

<sup>2</sup>No data are available for the quantities of castings, electric motors and generators, electron tubes or solid state semiconductors produced and consumed in the same establishment.

<sup>3</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967 this includes estimates for companies that were not mailed report forms.

<sup>4</sup>Includes extensive duplication because the products of some establishments are consumed as materials by other establishments in the same industry.

<sup>5</sup>Data for material code 331011, carbon steel bars and bar shapes, have been included with material codes 331015 through 331031 for industry 3574, calculating and accounting machines.

<sup>6</sup>Data for material code 331015, carbon steel structural shapes, have been included with material code 331019, all other carbon steel mill shapes and forms, for industry 3573, Electronic Computing Equipment.

<sup>7</sup>Aluminum sheet, plate, and foil, code 335202, is included with code 335209 "All other aluminum mill shapes and forms."

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3581.—AUTOMATIC MERCHANDISING MACHINES					
	Materials, parts, containers, and supplies, total.....		(X)	112.7	(X)	108.8
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons..	(NA)	0.2	1.4	0.3
331012	Sheet and strip.....	..do.....	70.0	12.8	58.0	10.1
331013	Plates.....	..do.....	}	(NA)	0.2	0.1
331015	Structural shapes.....	..do.....			0.2	0.1
331019	All other carbon steel mill shapes and forms.....	..do.....			0.6	0.2
331020	Alloy steel (except stainless).....	..do.....	0.9	0.6	0.3	0.2
331031	Stainless steel mill shapes and forms.....	..do.....	0.8	0.9	2.7	3.1
335121	Copper and copper-base alloy mill shapes and forms.....	Million lbs.....	( <sup>1</sup> )	( <sup>1</sup> )	1.6	1.0
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	..do.....	}	2.7	0.7	0.4
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	..do.....			0.5	0.5
	Castings (rough and semifinished): <sup>2</sup>					
332011	Iron (gray and malleable).....	1,000 short tons..	(NA)	0.9	( <sup>1</sup> )	( <sup>1</sup> )
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	( <sup>1</sup> )	( <sup>1</sup> )	0.7	0.4
336200	Copper and copper-base alloy.....	..do.....	(Z)	(Z)	0.1	0.1
	Electric motors and generators: <sup>2</sup>					
362110	Fractional horsepower electric motors (under 1 hp.) timing motors, synchronous and subsynchronous.....	1,000.....	921.8	4.7	957.5	3.4
362115	Other fractional horsepower electric motors (excluding timing motors).....	..do.....	(NA)	1.6	174.4	1.7
362120	Integral horsepower motors and generators (1 hp. and over).....	..do.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	78.4	(X)	67.5
976000	Materials, containers, supplies, n.s.k. <sup>3</sup> .....		(X)	10.6	(X)	19.7
	INDUSTRY 3582.—COMMERCIAL LAUNDRY EQUIPMENT					
	Materials, parts, containers, and supplies, total.....		(X)	75.9	(X)	57.6
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	5.8	1.2	5.2	1.1
331012	Sheet and strip.....	..do.....	17.6	3.0	14.3	2.3
331013	Plates.....	..do.....	8.9	1.6	4.7	0.9
331015	Structural shapes.....	..do.....	(NA)	0.3	1.7	0.5
331019	All other carbon steel mill shapes and forms.....	..do.....	3.0	0.8	2.2	0.7
331020	Alloy steel (except stainless).....	..do.....	0.8	0.3	}	2.4
331031	Stainless steel mill shapes and forms.....	..do.....	3.2	4.0		
335121	Copper and copper-base alloy mill shapes and forms.....	1,000 pounds.....	(NA)	0.3	0.7	0.4
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	..do.....	(NA)	0.4	0.5	0.4
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	..do.....	(NA)	0.2	0.2	0.1
	Castings (rough and semifinished): <sup>2</sup>					
332011	Iron (gray and malleable).....	1,000 short tons.....	12.2	5.7	11.8	3.3
336100	Aluminum and aluminum-base alloy.....	Millions lbs.....	( <sup>1</sup> )	( <sup>1</sup> )	0.6	0.6
336200	Copper and copper-base alloy.....	..do.....	0.4	0.3	0.6	0.4
	Electric motors and generators: <sup>2</sup>					
362110	Fractional horsepower electric motors (under 1 hp.) timing motors, synchronous and subsynchronous.....	1,000.....	(NA)	0.9	58.8	0.7
362115	Other fractional horsepower electric motors (excluding timing motors).....	..do.....	79.1	2.1	68.4	1.4
362120	Integral horsepower motors and generators (1hp. and over).....	..do.....	25.2	3.5	19.1	2.9
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	45.0	(X)	33.4
976000	Materials, containers, supplies, n.s.k. <sup>3</sup> .....		(X)	6.3	(X)	5.4

See footnotes at end of table.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 3585.--REFRIGERATION MACHINERY						
	Materials, parts, containers, and supplies, total.....		(X)	<sup>4</sup> 1,532.5	(X)	<sup>4</sup> 958.0
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	80.3	18.4	27.1	5.1
331012	Sheet and strip.....	...do.....	457.5	81.1	347.6	61.0
331013	Plates.....	...do.....	39.9	6.4	44.3	7.0
331015	Structural shapes.....	...do.....	26.8	4.9	8.4	1.6
331017	Wire and wire products.....	...do.....	7.5	1.8	2.4	1.0
331019	All other carbon steel mill shapes and forms.....	...do.....	26.0	7.0	14.1	3.5
331020	Alloy steel except stainless.....	...do.....	8.3	1.8	6.2	2.1
331031	Stainless steel.....	...do.....	15.7	18.4	1.4	16.1
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction).....	Million lbs.....	4.3	3.2	1.4	1.1
335790	Insulated wire and cable.....	Million lbs. (copper content).	4.2	3.2		
335102	Rod, bar, and mechanical wire including extruded and/or drawn shapes.....	Million lbs.....	45.2	24.7	2.4	1.3
335123	Plate, sheet, and strip (including military cups and discs)...	...do.....			11.3	6.3
335127	Pipe and tube.....	...do.....			80.5	49.5
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	...do.....	127.6	48.1	65.5	24.8
335205	Extruded shapes (including extruded rod, bar, pipe, tube, etc.).....	...do.....	10.0	6.7	3.9	2.2
335209	All other aluminum mill shapes and forms, (wire, rolled rod and bar powder welded tubing, etc.).....	...do.....	14.5	6.9	2.5	1.0
	Castings (rough and semifinished): <sup>2</sup>					
332011	Iron (gray and malleable).....	1,000 short tons.	132.2	50.0	91.9	31.1
332300	Steel.....	...do.....	12.6	7.4	17.1	7.7
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	24.8	12.0	8.5	5.2
336200	Copper and copper-base alloy.....	...do.....	2.4	2.0	6.8	3.9
339100	Iron and steel forgings <sup>2</sup> .....	1,000 short tons.	13.5	5.6	5.5	2.9
	Electric motors and generators: <sup>2</sup>					
	Fractional horsepower electric motors (under 1 hp.):					
362110	Timing motors, synchronous and subsynchronous.....	1,000.....	(NA)	27.9	(NA)	5.3
362115	Fractional horsepower electric motors (including timing motors).....	...do.....	9,979.0	104.2	8,435.1	61.9
362120	Integral horsepower motors and generators (1 hp. and over).....	...do.....	4,240.0	107.9	3,366.8	68.7
	Bearings:					
356218	Ball.....		(X)	5.7	(X)	2.7
356201	Roller.....		(X)	0.2	(X)	0.4
260091	Paper and paperboard containers.....		(X)	17.8	(X)	7.9
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	723.9	(X)	504.1
976000	Materials, containers, supplies, n.s.k. <sup>3</sup> .....		(X)	130.3	(X)	72.8
INDUSTRY 3586.--MEASURING AND DISPENSING PUMPS						
	Materials, parts, containers, and supplies, total.....		(X)	66.9	(X)	59.8
	Mill shapes and forms (except castings):					
	Carbon steel:					
331012	Sheet and strip.....	1,000 short tons..	21.7	3.6	13.5	2.2
331011	Bars and bar shapes.....	...do.....	18.6	4.9	8.2	2.2
331013	Plates.....	...do.....			1.1	0.1
331015	Structural shapes.....	...do.....			1.4	0.2
331019	All other carbon steel mill shapes and forms.....	...do.....			1.6	0.5
	Alloy steel (except stainless):					
331021	Bar and bar shapes.....	...do.....	1.3	1.7	0.1	(Z)
331029	All other alloy steel.....	...do.....			(Z)	(Z)
331031	Stainless steel.....	...do.....			0.7	1.1

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3586.--MEASURING AND DISPENSING PUMPS--Continued					
335790	Copper and copper-base alloy: Insulated wire and cable.....	Million lbs. (copper content).	( <sup>1</sup> )	( <sup>1</sup> )	0.1	0.1
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	1.8	1.1	1.0	0.5
335123	Plate, sheet, and strip (including military cups and discs)...	...do.....			0.2	0.2
335127	Pipe and tube.....	...do.....			0.3	0.1
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	...do.....	(Z)	(Z)	0.2	0.2
335205	Extruded shapes (including extruded rod, bar, pipe, tube, etc.).....	...do.....	(NA)	0.4	0.4	0.4
335209	All other aluminum mill shapes and forms (wire, rolled rod... and bar, powder, welded tubing, etc.).....	...do.....			0.1	(Z)
999811	Iron and steel scrap (excluding home scrap).....	1,000 short tons..	(Z)	(Z)	( <sup>1</sup> )	( <sup>1</sup> )
	Castings (rough and semifinished): <sup>2</sup>					
332011	Iron (gray and malleable).....	...do.....	12.0	3.7	8.8	2.9
332300	Steel.....	...do.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	(NA)	1.3	2.7	2.0
336200	Copper and copper-base alloy.....	...do.....	( <sup>1</sup> )	( <sup>1</sup> )	0.5	0.5
339100	Iron and steel forgings <sup>2</sup> .....	.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
351901	Gasoline and other carburetor engines <sup>2</sup> .....	1,000.....	( <sup>1</sup> )	( <sup>1</sup> )	1.0	0.2
	Electric motors and generators: <sup>2</sup>					
362115	Fractional horsepower electric motor (under 1 hp.) (excluding timing motors).....	...do.....	148.5	3.5	121.1	3.1
362120	Integral horsepower motors and generators (1 hp. and over)....	...do.....	(D)	( <sup>1</sup> )	2.6	0.2
	Bearings:					
356218	Ball.....	.....	(X)	( <sup>1</sup> )	(X)	0.2
356201	Roller.....	.....			(X)	0.1
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	41.3	(X)	40.2
972000	Materials, containers, supplies, n.s.k. <sup>3</sup> .....	.....	(X)	5.4	(X)	2.5
	INDUSTRY 3589.-SERVICE INDUSTRY MACHINES, N.E.C.					
	Materials, parts, containers and supplies, total.....	.....	(X)	243.4	(X)	150.8
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	10.0	2.9	4.1	1.3
331012	Sheet and strip.....	...do.....	35.6	7.3	27.4	4.3
331013	Plates.....	...do.....	31.0	7.0	2.4	0.6
331015	Structural shapes.....	...do.....	18.5	4.6	1.5	0.3
331019	All other carbon steel mill shapes and forms.....	...do.....			3.0	0.6
331020	Alloy steel (except stainless).....	...do.....	14.8	14.8	1.9	1.4
331031	Stainless steel mill shapes and forms.....	...do.....			8.8	9.9
335121	Copper and copper-base alloy mill shapes and forms.....	Million lbs.....	1.6	1.3	1.6	1.1
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate and foil.....	...do.....	(NA)	2.8	1.0	0.6
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, extruded shapes, etc.)....	...do.....	(NA)	0.8	0.4	0.4
	Castings (rough and semifinished): <sup>5</sup>					
332011	Iron (gray and malleable).....	1,000 short tons.	11.0	5.8	10.1	4.3
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	6.3	4.7	5.7	4.2
336200	Copper and copper-base alloy.....	...do.....	1.9	1.7	1.3	1.0
	Electric motors and generators: <sup>5</sup>					
362110	Fractional horsepower electric motors (under 1 hp.) timing motors, synchronous and subsynchronous.....	1,000 short tons.	108.2	2.7	68.2	1.1
362115	Other fractional horsepower electric motors (excluding timing motors).....	...do.....	336.2	5.0	244.3	3.4
362120	Integral horsepower motors and generators (1 hp. and over)....	...do.....	52.7	4.7	35.1	2.3
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	128.5	(X)	87.0
976000	Materials, containers, and supplies, n.s.k. <sup>3</sup> .....	.....	(X)	48.8	(X)	27.0

See footnotes at end of table.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3599.--MISCELLANEOUS MACHINERY, EXCEPT ELECTRICAL					
	Materials, parts, containers, and supplies, total.....		(X)	921.7	(X)	528.7
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	163.3	44.8	103.3	22.3
331012	Sheet and strip.....	...do.....	86.1	17.0	61.3	10.7
331013	Plates.....	...do.....	58.3	11.6	37.0	6.3
331015	Structural shapes.....	...do.....	42.5	7.6	23.4	4.2
331017	Wire and wire products.....	...do.....	13.1	4.7	5.2	2.7
331019	All other carbon steel mill shapes and forms.....	...do.....	<sup>6</sup> 22.7	<sup>6</sup> 8.8	31.0	7.2
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	...do.....	29.2	18.5	23.8	6.4
331029	All other alloy steel mill shapes and forms.....	...do.....	10.1	5.7	10.1	6.1
331031	Stainless steel.....	...do.....	21.4	32.3	12.0	17.8
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction).....	Million lbs.....	( <sup>1</sup> )	( <sup>1</sup> )	0.1	0.1
335790	Insulated wire and cable.....	Million lbs. (copper content)	( <sup>1</sup> )	( <sup>1</sup> )	0.2	0.3
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	13.4	9.4	6.1	3.2
335123	Plate, sheet, and strip (including military cups and discs).	...do.....	6.0	4.5	3.2	2.1
335127	Pipe and tube.....	...do.....	( <sup>7</sup> )	( <sup>7</sup> )	6.0	3.5
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	...do.....	12.4	11.5	5.5	3.5
335205	Extruded shapes, including rod, bar, pipe, tube, etc.....	...do.....	14.1	9.3	6.7	5.1
335209	All other aluminum mill shapes and forms (wire, rolled rod, and bar, powder, welded tubing, etc.).....	...do.....	20.5	8.5	11.9	6.0
	Castings (rough and semifinished): <sup>5</sup>					
332011	Iron (gray and malleable).....	1,000 short tons.	75.2	35.8	55.0	22.1
332300	Steel.....	...do.....	24.5	19.9	16.3	9.6
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	44.7	29.3	23.0	15.3
336200	Copper and copper-base alloy.....	...do.....	(NA)	6.2	2.8	2.4
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	300.2	(X)	181.3
976000	Materials, containers, supplies, n.s.k. <sup>3</sup> .....	.....	(X)	336.1	(X)	190.6

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Under \$50 thousand.

<sup>1</sup>Included with material code 970099, "All other materials and components..." to avoid disclosing figures for individual companies.

<sup>2</sup>Excludes materials produced and consumed into products at the same establishment.

<sup>3</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

<sup>4</sup>Includes extensive duplication because the products of some establishments are consumed as materials by other establishments in the same industry.

<sup>5</sup>No data are available for 1967 on the quantities of castings and electric motors and generators produced and consumed in the same establishment. For 1963, the following data are available: industry 3589--iron castings (code 332011), 1.0 thousand short tons; and other fractional horsepower electric motors (code 362115), 8.7 thousand units; industry 3599--iron castings (code 332011), 7.7 thousand short tons; steel casting (code 332200), 0.9 thousand short tons; aluminum castings (code 336100) 2.9 million pounds; and copper castings (code 336200), 3.2 million pounds.

<sup>6</sup>These figures are understated by \$10 million or less because of apparent undercoverage of carbon steel pipe and tube.

<sup>7</sup>Included with material code 970099, "All other materials and components, etc."

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963-Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 3611.--ELECTRIC MEASURING INSTRUMENTS						
	Materials, parts, containers, and supplies, total.....		(X)	352.3	(X)	217.1
	Mill shapes (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons..	1.1	0.5	0.9	0.5
331012	Sheet and strip.....	..do.....	11.8	2.8	8.8	1.6
331013	Plates.....	..do.....	(1)	(1)	0.1	(2)
331015	Structural shapes.....	..do.....	0.5	0.1		
331017	Wire and wire products.....	..do.....	0.8	0.8	0.2	0.3
331019	All other carbon steel mill shapes and forms.....	..do.....	10.9	10.5		
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	..do.....	2.7	1.0	(2)	(2)
331029	All other alloy steel mill shapes and forms.....	..do.....			3.7	1.7
331031	Stainless steel.....	..do.....	0.5	0.9	0.6	0.8
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction only).....	Million lbs.....	2.6	2.3	1.3	1.1
335790	Insulated wire and cable.....	Million lbs (copper content).	17.6	8.7	6.4	3.2
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	2.6	1.6	1.3	0.9
335123	Plate, sheet, and strip (including military cups and discs).....	..do.....	2.2	1.6	1.5	1.3
335127	Pipe and tube.....	..do.....	0.2	0.2		
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	..do.....	5.5	3.2	4.4	2.4
335205	Extruded shapes (including extruded rod, bar, pipe tube, etc.).....	..do.....	1.6	1.3	0.9	0.8
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	..do.....	1.2	0.5	2.1	0.8
	Castings (rough and semifinished): <sup>2</sup>					
332300	Steel.....	1,000 short tons..	0.2	0.7	0.2	0.7
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	2.1	1.6	1.8	1.2
336200	Copper and copper-base alloy.....	..do.....	0.1	0.1	0.1	0.1
	Fractional horsepower electric motors and generators (under 1 hp.): <sup>2</sup>					
362110	Timing motors, synchronous and subsynchronous.....	Millions.....	-	-	0.3	1.8
362115	Other fractional horsepower electric motors and generators (excluding timing motors).....	..do.....	0.2	1.3	0.1	0.8
	Bearings:					
356218	Ball.....	..do.....	(X)	0.6	(X)	0.9
356228	Roller.....	..do.....	-	-	(X)	
367010	Electron tubes, except X-ray <sup>2</sup> .....	Million units.....	5.1	8.1	8.8	10.2
367408	Solid state semiconductors <sup>2</sup> .....	..do.....	36.0	19.9	12.8	9.4
970099	All other materials and components, parts, containers, and supplies consumed.....	..do.....	(X)	217.5	(X)	140.7
976000	Materials, containers, supplies, n.s.k. <sup>3</sup> .....	..do.....	(X)	76.5	(X)	35.9
INDUSTRY 3612.--TRANSFORMERS						
	Materials, components, parts, containers, and supplies con- sumed, total.....		(X)	517.0	(X)	324.5
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	18.2	3.0	8.0	1.4
331012	Sheet and strip.....	..do.....	138.6	43.4	164.0	39.3
331013	Plates.....	..do.....	57.0	7.6	48.3	6.5
331015	Structural shapes.....	..do.....	9.3	1.6	11.6	1.7
331019	All other carbon steel mill shapes and forms.....	..do.....	21.0	10.6	9.9	4.1
331020	Alloy steel (except stainless).....	..do.....	164.0	71.0	107.6	42.7
331031	Stainless steel mill shapes and forms.....	..do.....	1.1	1.0	0.9	0.8
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction only).....	million lbs.....	64.1	44.6	62.3	32.1
335790	Insulated wire and cable.....	million lbs..... (copper content)	93.6	58.2	81.9	34.9
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	million lbs.....	26.3	12.0	15.9	6.0
335123	Plate, sheet, and strip (including military cups and discs).....	..do.....	(NA)	4.8	30.1	2.0
335127	Pipe and tube.....	..do.....	1.5	0.8	1.0	0.6

See footnotes at end of table.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 3612.--TRANSFORMERS--Continued						
335205	Aluminum and aluminum-base alloy: Extruded shapes, (including extruded rod, bar, pipe tube, etc.).....	Million lbs.....	17.8	9.0	5.2	2.4
335202	Sheet plate and foil.....	..do.....				
335209	All other aluminum mill shapes and forms.....	..do.....				
970099	All other materials and components, parts, containers and supplies consumed.....		(X)	226.0	(X)	143.7
976000	Materials, components, parts, containers and supplies consumed, n.s.k. <sup>3</sup> .....		(X)	23.4	(X)	5.4
INDUSTRY 3613.--SWITCHGEAR AND SWITCHBOARD APPARATUS						
	Materials, parts, containers and supplies, total.....		(X)	603.6	(X)	400.4
Mill shapes and forms (except castings): Carbon steel:						
331011	Bars and bar shapes.....	1,000 short tons.	39.8	6.5	20.8	3.5
331012	Sheet and strip.....	..do.....	198.3	31.4	200.5	33.8
331013	Plates.....	..do.....	17.8	2.8	17.0	2.1
331015	Structural shapes.....	..do.....	14.8	2.6	10.4	2.2
331019	All other carbon steel mill shapes and forms.....	..do.....	(NA)	4.5	6.4	1.8
331020	Alloy steel (except stainless).....	..do.....	5.1	2.2	2.7	1.4
331031	Stainless steel.....	..do.....	2.3	2.5	0.6	0.7
Copper and copper-base alloy:						
335728	Bare wire (for electrical conduction only).....	Million lbs.....	7.9	6.9	3.0	2.0
335790	Insulated wire and cable.....	Million lbs. (copper content)	10.6	10.0	5.2	3.7
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	41.9	31.8	35.6	18.8
335123	Plate, sheet and strip (including military cups and discs)...	..do.....	13.5	9.4	11.5	6.7
335127	Pipe and tube.....	..do.....	2.4	2.1	2.4	1.3
Aluminum and aluminum-base alloy:						
335202	Sheet, plate, and foil.....	..do.....	6.2	3.2	2.7	1.3
335205	Extruded shapes (including extruded rod, bar, pipe tube, etc.)	..do.....	13.8	6.0	5.6	3.0
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing).....	..do.....	2.6	1.5	2.0	1.0
Castings (rough and semifinished): <sup>2</sup>						
332300	Steel.....	1,000 short tons.	3.4	2.4	1.3	1.3
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	6.9	5.7	3.2	2.7
336200	Copper and copper-base alloy.....	..do.....	14.1	13.2	10.3	6.9
Industrial electrical control equipment (received for incorpora- tion only into other industrial electrical control equipment shipped, as such, by this plant):						
362200	Purchased from other companies.....		(X)	<sup>4</sup> 73.8	(X)	<sup>4</sup> 40.0
362209	Received from other plants of your company.....		(X)	<sup>4</sup> 75.8	(X)	<sup>4</sup> 47.3
282130	Thermoplastic resins, including modified resins.....	Million lbs.....	(NA)	2.3	3.7	1.1
282140	Thermosetting resins.....	..do.....	16.6	6.2	12.3	4.5
970099	All other materials and components, parts, containers and supplies consumed.....		(X)	236.6	(X)	177.3
976000	Materials, containers, supplies, n.s.k. <sup>3</sup> .....		(X)	64.2	(X)	35.8
INDUSTRY 3621.--MOTORS AND GENERATORS						
	Materials, parts, supplies, and containers, total.....		(X)	919.5	(X)	662.1
Mill shapes and forms (except castings): Carbon steel:						
331011	Bars and bar shapes.....	1,000 short tons.	83.8	17.5	99.6	21.6
331012	Sheet and strip.....	..do.....	590.1	103.9	546.8	95.6
331013	Plates.....	..do.....	60.3	9.8	55.4	8.5
331017	Wire and wire products.....	..do.....	(NA)	2.3	13.9	3.5
331019	All other carbon steel mill shapes and forms.....	..do.....	24.2	6.3	22.2	5.5
331020	Alloy steel (except stainless).....	..do.....	51.6	14.9	12.9	6.7
331031	Stainless steel.....	..do.....	2.1	3.0	4.2	4.5

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3621.--MOTORS AND GENERATORS--Continued					
335728	Copper and copper-base alloy:					
	Bare wire (for electrical conduction only).....	Million lbs.....	68.3	48.7	25.3	15.5
335790	Insulated wire and cable.....	Million lbs. (copper content)	86.3	69.6	113.6	65.6
335102	Rod, bar, and mechanical wire (including extruded and or/ drawn shapes).....	Million lbs.....	36.0	20.7	70.3	28.2
335123	Plate, sheet, and strip (including military cups discs).....	...do.....	4.0	3.5	5.8	3.2
335127	Pipe and tube.....	...do.....	(NA)	0.2	0.4	0.4
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate and foil.....	...do.....	3.3	1.6	1.5	1.0
335205	Extruded shapes (including extruded rod, bar, pipe, tube, etc.).....	...do.....	20.4	6.5	4.3	1.9
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder welded tubing).....	...do.....			12.7	3.6
	Primary metals:					
333122	Copper and copper-base alloy refinery shapes.....	1,000 short tons.	(D)	(D)	0.6	0.6
333401	Aluminum and aluminum-base alloy refinery shapes.....	...do.....	19.7	10.6	13.9	6.0
	Castings (rough and semifinished): <sup>2</sup>					
332011	Iron (gray and malleable).....	...do.....	90.7	35.5	92.0	29.5
332300	Steel.....	...do.....	4.5	3.5	4.0	3.1
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	22.8	13.6	20.9	14.4
336200	Copper and copper-base alloy.....	...do.....	3.2	2.6	2.4	2.2
339100	Iron and steel forgings <sup>2</sup> .....	1,000 short tons.	4.9	3.3	6.9	4.0
	Engines: <sup>2</sup>					
351920	Diesel and semidiesel.....	1,000.....	5.6	17.7	2.7	5.1
351901	Gasoline and other carburetor.....	...do.....	(D)	(D)	7.4	2.9
362120	Integral horsepower electric motors and generators (1 hp. and over) <sup>2</sup> .....	...do.....	38.3	10.9	10.0	6.1
	Bearings:					
356218	Ball.....	.....	(X)	20.7	(X)	19.0
356201	Roller.....	.....	(X)	1.7	(X)	1.8
367010	Electron tubes, except X-ray <sup>2</sup> .....	Million units....	(D)	(D)	0.2	1.6
367408	Solid state semiconductors <sup>2</sup> .....	...do.....	1.7	4.5	1.1	2.1
970099	All other materials, components, parts, containers, and supplies consumed.....	.....	(X)	402.0	(X)	264.7
976000	Materials, parts, supplies, and containers, n.s.k. <sup>3</sup> .....	.....	(X)	84.4	(X)	33.6
	INDUSTRY 3622.--INDUSTRIAL CONTROLS					
	Materials, parts, containers, and supplies, total.....	.....	(X)	358.9	(X)	1,955
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1000 tons.....	4.2	1.2	8.7	1.8
331012	Sheet and strip.....	...do.....	33.3	6.6	29.8	5.6
331013	Plates.....	...do.....	2.7	0.4	1.1	0.2
331015	Structural shapes.....	...do.....	2.9	0.5	2.5	0.6
331019	All other carbon steel mill shapes and forms.....	...do.....	1.2	0.4	3.1	0.7
331020	Alloy steel (except stainless).....	...do.....	15.3	4.0	1.7	0.5
331031	Stainless steel.....	...do.....	1.7	2.1	1.3	1.9
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction only).....	Million lbs.....	3.4	2.7	3.2	1.5
335790	Insulated wire and cable.....	Million lbs..... (copper content)	(NA)	5.6	5.4	3.8
335102	Rod, bar, and mechanical wire (including extruded and/or drawn shapes).....	Million lbs.....	4.2	2.8	4.1	2.4
335123	Plate, sheet, and strip (including military cups and discs)....	...do.....	3.1	2.6	4.0	2.5
335127	Pipe and tube.....	...do.....	0.5	0.5	0.4	0.2
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	...do.....	0.9	0.5	0.6	0.4
335205	Extruded shapes (including extruded rod, bar, pipe tube, etc.)	...do.....	0.9	0.5	0.4	0.2
335209	All other aluminum mill shapes and forms (wire, rolled rod, and bar).....	...do.....			0.4	0.2

See footnotes at end of table.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 3622.--INDUSTRIAL CONTROLS--Continued						
	Castings (rough and semifinished): <sup>2</sup>					
332300	Steel.....	1000 tons.....	5.2	3.6	3.1	2.2
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	5.2	1.9	2.6	1.1
336200	Copper and copper-base alloy.....	...do.....	1.5	1.1	1.0	0.8
	Industrial electrical control equipment:					
362200	Purchased from other companies.....	.....	(X)	<sup>4</sup> 52.4	(X)	<sup>4</sup> 30.7
362209	Received from other plants of your company.....	.....	(X)	<sup>4</sup> 47.8	(X)	16.7
282130	Thermoplastic resins.....	Million lbs.....	1.9	0.9	0.5	0.3
282140	Thermosetting resins.....	...do.....	(NA)	2.2	8.7	1.8
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	164.8	(X)	92.3
976000	Materials, containers, supplies, n.s.k. <sup>2</sup> .....	.....	(X)	53.8	(X)	26.9
INDUSTRY 3623.--WELDING APPARATUS						
	Materials, parts, containers, and supplies, total.....	.....	(X)	204.4	(X)	150.5
	Mill shapes and forms, except castings:					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	8.9	1.9	10.0	2.4
331012	Sheet and strip.....	...do.....	55.0	9.4	22.8	5.0
331015	Structural shapes.....	...do.....	4.3	0.7	2.2	0.6
331017	Wire and wire products.....	...do.....	182.4	30.6	236.2	36.2
331019	All other carbon steel mill shapes and forms.....	...do.....	28.1	4.1	13.9	2.8
331020	Alloy steel, except stainless.....	...do.....	14.4	6.4	6.2	4.6
331031	Stainless steel.....	...do.....	4.6	6.7	8.8	12.7
	Copper and copper-base alloy:					
335728	Bare wire (For electrical conduction only).....	million pounds...	3.1	2.2	1.4	0.8
335790	Insulated wire and cable.....	...do.....	9.1	7.4	6.4	4.2
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	...do.....	4.0	4.3	4.9	3.7
335123	Plate, sheet and strip, including military cups and discs....	...do.....	1.4	1.5	0.7	0.5
335127	Pipe and tube.....	...do.....	1.0	0.8	0.3	0.2
336200	Copper and copper-base alloy castings <sup>2</sup> .....	...do.....	3.1	3.3	2.2	2.1
970099	All other materials, components, parts, containers and supplies consumed.....	.....	(X)	96.3	(X)	64.2
976000	Materials, containers, supplies, n.s.k. <sup>3</sup> .....	.....	(X)	26.9	(X)	10.4
INDUSTRY 3624.--CARBON AND GRAPHITE PRODUCTS						
	Materials, parts, containers, and supplies, total.....	.....	(X)	100.9	(X)	71.4
	Mill shapes and forms (except castings):					
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction only).....	Million lbs.....	0.9	1.0	0.7	0.6
335790	Insulated wire and cable.....	Million lbs. (copper content)	(D)	(D)	(Z)	(Z)
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	(D)	(D)	(D)	(D)
335123	Plate, sheet and strip, including military cups and discs....	...do.....	0.5	0.4	0.3	0.2
335127	Pipe and tube.....	...do.....	(D)	(D)	(D)	(D)
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate and foil.....	...do.....	} (NA)	(Z)	(NA)	(NA)
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.	...do.....				
335209	All other aluminum mill shapes and forms wire, rolled rod and bar, powder, welded tubing, etc.....	...do.....				
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	89.7	(X)	67.5
976000	Materials, parts, containers, and supplies consumed, n.s.k. <sup>3</sup> .....	.....	(X)	9.8	(X)	3.1

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3629.--ELECTRICAL INDUSTRIAL APPARATUS, N.E.C.					
	Materials, parts, containers, and supplies, total.....		(X)	125.6	(X)	93.0
	Mill shapes and forms (except castings):					
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction only).....	Million lbs.....	(NA)	5.1	5.6	3.3
335790	Insulated wire and cable.....	Million lbs. (copper content)	(NA)	8.4	13.1	8.2
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	}	(NA) 3.8	{ 3.7	1.4
335123	Plate, sheet and strip, including military cups and discs...	do.....				
335127	Pipe and tube.....	do.....				
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate and foil.....	do.....	10.2	3.7	5.5	2.3
335205	Extruded shapes, including extruded rod, bar, pipe tube, etc.	do.....	1.5	0.9	{ 1.2	0.5
335209	All other aluminum mill shapes and forms (wire, rolled rod, and bar, powder, welded tubing, etc.).....	do.....	0.5	0.5		
367010	Electron tubes, except x-ray <sup>2</sup> .....	1,000 units.....	(D)	(D)	(NA)	(NA)
367408	Solid state semiconductors <sup>2</sup> .....	do.....	(D)	(D)	23.1	2.1
281995	Silicon, hyper pure.....	Kilograms.....	(D)	(D)	(NA)	(NA)
333977	Germanium.....	Pounds.....	(D)	(D)	(NA)	(NA)
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	80.7	(X)	60.1
976000	Materials, containers, supplies, n.s.k. <sup>3</sup> .....		(X)	22.5	(X)	14.3

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Under \$50 thousand.

<sup>1</sup>Includes cost for materials for which symbol "D" appears.

<sup>2</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967 this includes estimates for companies that were not mailed report forms.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3631.—HOUSEHOLD COOKING EQUIPMENT					
	Materials, parts, containers, and supplies, total.....		(X)	268.3	(X)	235.9
	Mill shapes and forms (except castings):					
	Carbon steel:					
331012	Sheet and strip.....	1,000 short tons.	277.5	44.4	244.9	40.3
331013	Plates.....	do.....	5.5	1.8	0.3	(2)
331015	Structural shapes.....	do.....				
331017	Wire and wire products.....	do.....				
331019	All other carbon steel mill shapes and forms.....	do.....				
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	do.....	(NA)	4.4	3.7	4.8
331029	All other alloy steel mill shapes and forms.....	do.....				
331031	Stainless steel.....	do.....				
	Copper and copper-base alloy:					
335790	Insulated wire and cable.....	Million lbs. (copper content)	1.4	1.6	0.9	1.2
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	(NA)	1.3	1.2	1.0
335123	Plate, sheet, and strip, including military cups and discs...	do.....				
335127	Pipe and tube.....	do.....				
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	do.....	1.6	0.7	1.5	0.8
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	do.....	2.3	1.6	1.5	0.8
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	do.....	(NA)	0.2	0.1	0.1
333401	Aluminum and aluminum-base alloy refinery shapes.....		(D)	(D)	(D)	(D)
	Castings (rough and semifinished): <sup>1</sup>					
332011	Iron (gray and malleable).....	1,000 short tons.	7.9	3.3	7.4	3.2
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	(D)	(D)	(D)	(D)
	Electric motors and generators: <sup>1</sup>					
	Fractional horsepower electric motors (under 1 hp.):					
362110	Timing motors, synchronous and subsynchronous.....	1,000.....	(D)	(D)	492.9	0.7
362115	Other fractional horsepower electric motors (excluding timing motors).....	do.....	1,345.6	3.0	408.5	1.9
362120	Integral horsepower electric motors and generators (1 hp. and over).....	do.....	(D)	(D)	(NA)	(NA)
260091	Paper and paperboard containers.....		(X)	10.7	(X)	4.3
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	177.4	(X)	147.2
976000	Materials, components, parts, containers, and supplies consumed, n.s.k. <sup>2</sup> .....		(X)	17.1	(X)	27.4
	INDUSTRY 3632.—HOUSEHOLD REFRIGERATORS AND FREEZERS					
	Materials, parts, containers, and supplies, total.....		(X)	932.9	(X)	648.6
	Mill shapes and forms (except castings):					
	Carbon steel:					
331012	Sheet and strip.....	1,000 short tons	600.7	48.5	640.6	98.5
331017	Wire and wire products.....	do.....	6.5	1.4	5.7	1.0
331011	Bar and bar shapes.....	do.....	97.4	19.4	26.2	6.7
331013	Plate.....	do.....				
331015	Structural shapes.....	do.....				
331019	All other carbon steel mill shapes and forms.....	do.....				
331020	Alloy steel (except stainless).....	do.....	5.0	2.9	4.3	3.6
331031	Stainless steel.....	do.....				
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction only).....	Million lbs.....	5.3	5.2	2.8	2.0
335790	Insulated wire and cable.....	Million lbs. (copper content)				
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	do.....	27.9	25.5	16.8	12.7
335123	Plate, sheet, and strip (including military cups and discs).	do.....				
335127	Pipe and tube.....	do.....				
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	Million lbs.....	36.6	13.2	29.8	11.7
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	do.....	10.7	6.4	4.7	3.6
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	do.....				

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963		
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)	
	INDUSTRY 3632.--HOUSEHOLD REFRIGERATORS AND FREEZERS--Con.						
	Materials, parts, containers, and supplies--Continued						
	Castings (rough and semifinished): <sup>1</sup>						
332011	Iron (gray and malleable).....	1,000 short tons.	(D)	(D)	28.1	7.5	
332300	Steel.....		(D)	(D)	(D)	(D)	
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	4.3	3.2	3.4	2.7	
339100	Iron and steel forgings <sup>1</sup> .....	1,000 short tons.	(D)	(D)	(D)	(D)	
	Electric motors and generators: <sup>1</sup>						
	Fractional horsepower electric motors (under 1 hp.):						
362210	Timing motors, synchronous and subsynchronous.....	1,000.....	1,381.8	4.4	1,102.5	4.5	
362115	Fractional horsepower electric motors (excluding timing motors).....	...do.....	12,555.0	74.8	9,822.2	54.0	
362120	Integral horsepower motors and generators (1 hp. and over)....	...do.....	(D)	(D)	(D)	(D)	
	Bearings:						
356218	Ball.....		(D)	(D)	(X)	3.2	
356228	Roller.....		-	-	-	-	
260091	Paper and paperboard containers.....		(NA)	32.4	(NA)	17.5	
970099	All other materials and components, parts, containers, and sup- plies consumed.....		(X)	596.7	(X)	387.6	
976000	Materials, components, parts, containers, and supplies consumed, n.s.k. <sup>2</sup> .....		(X)	49.1	(X)	30.9	
	INDUSTRY 3633.--HOUSEHOLD LAUNDRY EQUIPMENT						
	Materials, parts, containers, and supplies, total.....		(X)	538.7	(X)	396.1	
	Mill shapes and forms (except castings):						
	Carbon steel:						
331012	Sheet and strip.....	1,000 short tons..	449.9	75.0	397.9	60.5	
331011	Bars and bar shapes.....	...do.....	(NA)	18.9	23.9	5.2	
331017	Wire and wire products.....	...do.....			1.4	0.7	
331019	All other carbon steel mill shapes and forms.....	...do.....			6.5	1.9	
	Alloy steel (except stainless):						
331021	Bars and bar shapes.....	...do.....	2.4	2.4	-	-	
331029	All other alloy steel mill shapes and forms.....	...do.....			-	-	
331031	Stainless steel.....	...do.....			1.2	1.4	
	Cooper and cooper-base alloy:						
335790	Insulated wire and cable.....	Million lbs. (copper content).	4.6	3.7	1.5	1.2	
335728	Bare wire (for electrical conduction).....	Million lbs.....	(D)	(D)	-	-	
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	...do.....	(NA)	1.2	(D)	(D)	
335123	Plate, sheet, and strip (including military cups and discs)...	...do.....			-	-	
335127	Pipe and tube.....	...do.....			-	-	
	Aluminum and aluminum-base alloy:						
335202	Sheet, plate, and foil.....	...do.....	6.0	2.1	2.0	1.0	
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	...do.....					
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	...do.....					
333401	Aluminum and aluminum-base alloy refinery shapes.....	1,000 short tons..	(D)	(D)	(D)	(D)	
	Castings (rough and semifinished): <sup>1</sup>						
332011	Iron (gray and malleable).....	...do.....	46.9	12.0	34.2	10.7	
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	5.4	3.3	10.5	6.2	
	Electric motors and generators: <sup>1</sup>						
	Fractional horsepower electric motors (under 1 hp.):						
362110	Timing motors, synchronous and subsynchronous.....	1,000.....	4,335.5	20.1	1,590.3	4.3	
362115	Other fractional horsepower electric motors (excluding timing motors).....	...do.....	5,368.3	51.0	5,875.5	52.4	
260091	Paper and paperboard containers.....		(X)	15.0	(X)	11.3	
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	293.6	(X)	230.4	
976000	Materials, components, parts, containers, and supplies consumed, n.s.k. <sup>2</sup> .....		(X)	43.7	(X)	8.7	

See footnotes at end of table.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963		
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)	
	INDUSTRY 3634.--ELECTRIC HOUSEWARES AND FANS						
	Materials, components, parts, supplies, and containers, total	.....	(X)	448.8	(X)	335.5	
	Mill shapes and forms (except castings):						
	Carbon steel:						
331011	Bars and bar shapes.....	1,000 short tons.	(NA)	2.1	7.2	2.0	
331012	Sheet and strip.....	do.....	119.2	24.6	102.2	17.5	
331017	Wire and wire products.....	do.....	(NA)	3.4	1.7	0.6	
331015	Structural shapes.....	do.....			-	-	
331013	Plates.....	do.....			5.3	2.6	
331019	All other carbon steel mill shapes and forms.....	do.....					
	Alloy steel (except stainless):						
331021	Bars and bar shapes.....	do.....	(NA)	11.0	14.6	8.2	
331029	All other alloy steel mill shapes and forms.....	do.....					
331031	Stainless steel.....	do.....			2.0	2.5	
	Copper and copper-base alloy:						
335728	Bare wire (for electrical conduction only).....	Million lbs.....	6.8	5.2	3.9	3.0	
335790	Insulated wire and cable.....	Million lbs. (copper content)	9.9	9.1	5.6	5.6	
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	(NA)	2.4	0.2	(Z)	
335123	Plate, sheet, and strip (including military cups and discs).. do.....	do.....			2.4	1.2	
335127	Pipe and tube.....	do.....			0.7	(Z)	
	Aluminum and aluminum-base alloy:						
335202	Sheet, plate, and foil.....	do.....	22.6	9.2	12.6	5.7	
335205	Extruded shapes, including extruded rod, bar, pipe, tube,etc. do.....	do.....	1.3	0.8	2.1	1.0	
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	do.....	3.7	1.8	3.1	1.5	
333401	Aluminum and aluminum-base alloy refinery shapes.....	1,000 short tons	8.9	3.9	(D)	(D)	
	Castings (rough and semifinished): <sup>1</sup>						
332011	Iron (gray and malleable).....	do.....	(D)	(D)	0.6	(Z)	
336100	Aluminum and aluminum-base alloy.....	1,000 lbs.....	19.6	10.7	7.8	5.9	
	Electric motors and generators: <sup>1</sup>						
	Fractional horsepower electric motors (under 1 hp.):						
362110	Timing motors, synchronous and subsynchronous.....	1,000.....	6,224.7	16.8	238.1	2.3	
362115	Other fractional horsepower electric motors (excluding timing motors).....	do.....			6,192.8	14.6	
362120	Integral horsepower electric motors and generators (1 hp. and over).....	do.....	(D)	(D)	(X)	(X)	
260091	Paper and paperboard containers.....	.....	(X)	22.6	(X)	14.4	
970099	All other materials and compnents, parts, containers, and supplies consumed.....	.....	(X)	271.5	(X)	214.9	
	Materials, components, containers, and supplies consumed, n.s.k. <sup>2</sup>	.....	(X)	53.2	(X)	32.0	
	INDUSTRY 3635.--HOUSEHOLD VACUUM CLEANERS						
	Materials, components, parts, supplies, and containers, total.....	.....	(X)	105.9	(X)	59.4	
	Mill shapes and forms (except castings):						
	Carbon steel:						
331011	Bars and bar shapes.....	1,000 short tons.	1.3	0.3	1.1	0.2	
331012	Sheet and strip.....	do.....	27.2	5.0	16.7	3.2	
331015	Structural shapes.....	do.....	-	-	4.6	1.1	
331017	Wire and wire products.....	do.....	(NA)	0.3			
331019	All other carbon steel mill shapes and forms.....	do.....	1.8	0.8			
	Alloy steel (except stainless):						
331021	Bar and bar shapes.....	do.....	(NA)	0.7	0.7	0.4	
331029	All other alloy steel mill shapes and forms.....	do.....					
331031	Stainless steel.....	do.....					
	Copper and copper-base alloy:						
335728	Bare wire (for electrical conduction only).....	Million lbs.....	1.9	1.7	1.3	0.7	
335790	Insulated wire and cable.....	Million lbs. (copper content)	(NA)	2.6	0.4	1.0	
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	(NA)	0.9	0.2	0.1	
335123	Plate, sheet, and strip (including military cups and discs). do.....	do.....					
335127	Pipe and tube.....	do.....					
	Aluminum and aluminum-base alloy:						
335202	Sheet, plate and foil.....	Million lbs.....	0.7	0.3	2.6	1.4	
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	do.....	(NA)	2.2			
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	do.....					

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3635.--HOUSEHOLD VACUUM CLEANERS--Con.					
	Materials, components, parts, supplies, and containers, con.					
333401	Aluminum and aluminum-base alloy refinery shapes.....	1,000 short tons.	(D)	(D)	(D)	(D)
	Castings (rough and semifinished): <sup>1</sup>					
332011	Iron (gray and malleable).....	...do.....	-	-	(D)	(D)
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	7.1	6.4	2.0	1.0
	Electric motors and generators (under 1 hp.): <sup>1</sup>					
362110	Timing motors, synchronous and subsynchronous.....	1,000.....	(D)	(D)	377.0	1.9
362115	Other fractional horsepower electric motors (exclude timing motors).....	...do.....	914.6	5.2		
362120	Integral horsepower electric motors and generators (1 hp. and over).....	...do.....	(D)	(D)	(NA)	(NA)
260091	Paper and paperboard containers.....	.....	(X)	6.4	(X)	3.1
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	67.9	(X)	42.5
976000	Materials, components, parts, containers, and supplies consumed, n.s.k. <sup>2</sup> .....	.....	(X)	5.2	(X)	2.7
	INDUSTRY 3636.--SEWING MACHINES					
	Materials, components, parts, containers, and supplies, total.....	.....	(X)	22.3	(X)	24.2
	Mill shapes and forms (except casting):					
	Carbon steel:					
331011	Bar and bar shapes.....	1,000 short tons.	(NA)	2.0	5.8	1.6
331012	Strip and sheet.....	...do.....	(NA)			
331013	Plates.....	...do.....	(NA)			
331015	Structural shapes.....	...do.....	(NA)			
331017	Wire and wire products.....	...do.....	(NA)			
331019	All other carbon steel mill shapes and forms.....	...do.....	(NA)			
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	...do.....	(NA)	0.2	0.1	
331029	All other alloy steel mill shapes and forms.....	...do.....	(NA)			
331031	Stainless steel.....	...do.....	(NA)		-	-
	Copper and copper-base alloy:					
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	(D)	(D)	(D)	(D)
335123	Plate, sheet, and strip (including military cups and discs).....	...do.....	-	-	(D)	(D)
335127	Pipe and tube.....	...do.....	-	-	(D)	(D)
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	...do.....	(D)	(D)	(D)	(D)
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	...do.....	-	-	(D)	(D)
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	...do.....	(D)	(D)	(D)	(D)
333401	Aluminum and aluminum-base alloy refinery shapes.....	1,000 short tons.	(D)	(D)	(D)	(D)
	Castings (rough and semifinished): <sup>1</sup>					
332011	Iron (gray and malleable) .....	1,000 short tons.	(D)	(D)	2.3	1.4
336100	Aluminum and aluminum-base alloy .....	Million lbs.....	(D)	(D)	(D)	(D)
	Fractional horsepower electric motors (under 1 hp.): <sup>1</sup>					
362110	Timing motors, synchronous and subsynchronous.....	.....	(D)	(D)	-	-
362115	Other fractional horsepower electric motors (exclude timing motors).....	1,000.....	(D)	(D)	218.3	1.2
260091	Paper and paperboard containers.....	.....	-	-	(X)	(D)
970099	All other materials and components, parts, containers, and supplies consumed .....	.....	(X)	15.0	(X)	13.8
976000	Materials, parts, containers, and supplies consumed, n.s.k. <sup>2</sup> .....	.....	(X)	5.3	(X)	4.6

See footnotes at end of table.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 3639.--HOUSEHOLD APPLIANCES, N.E.C.						
	Materials, parts, containers, and supplies, total.....		(X)	250.4	(X)	215.9
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bar and bar shapes.....	1,000 short tons.	1.3	0.3	0.5	0.1
331012	Sheet and strip.....	.....do.....	293.3	41.2	276.3	38.9
331013	Plates.....	.....do.....	9.4	1.3	4.4	0.7
331015	Structural shapes.....	.....do.....	20.0	6.3	16.2	5.4
331017	Wire and wire products.....	.....do.....				
331019	All other carbon steel mill shapes and forms.....	.....do.....				
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	.....do.....	4.3	4.6	0.4	0.3
331029	All other alloy steel mill shapes and forms.....	.....do.....				
331031	Stainless steel.....	.....do.....				
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction).....	Million lbs.....	(D)	(D)	0.3	0.2
335790	Insulated wire and cable.....	Million lbs. (copper content).	1.9	1.8	0.4	0.3
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	3.5	3.2	0.9	0.6
335123	Plate, sheet, and strip (including military cups and discs)	.....do.....				
335127	Pipe and tube.....	.....do.....				
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	.....do.....	1.5	0.8	1.2	0.5
335205	Extruded shapes, including rod, bar, pipe, tube, etc.....	.....do.....	1.9	1.2	0.8	0.5
335209	All other aluminum mill shapes and forms (wire, rolled rod, and bar, powder, welded tubing, etc.).....	.....do.....				
333401	Aluminum and aluminum-base alloy refinery shapes.....	1,000 short tons.	(D)	(D)	(NA)	(NA)
	Castings (rough and semifinished): <sup>1</sup>					
332011	Iron (gray and malleable).....	.....do.....	8.8	4.6	6.1	3.3
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	4.5	2.6	3.6	2.6
	Electric motors and generators: <sup>1</sup>					
	Fractional horsepower electric motors (under 1 hp.):					
362110	Timing motors, synchronous and subsynchronous.....	1,000.....	2,023.3	4.9	533.7	2.1
362115	Other fractional horsepower electric motors (excluding timing motors).....	.....do.....	2,151.0	20.1	2,141.2	13.5
362120	Integral horsepower electric motors and generators (1 hp. and over).....	.....do.....	10.6	0.5	(X)	(X)
260091	Paper and paperboard containers.....	.....do.....	(X)	9.8	(NA)	6.6
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	108.4	(X)	95.4
976000	Materials, supplies, components, etc., n.s.k. <sup>2</sup> .....	.....	(X)	38.8	(X)	39.1

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. <sup>c</sup>From 10 to 30 percent of this figure was estimated.

<sup>1</sup>Excludes materials produced and consumed in the same establishment.

<sup>2</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 3641.--ELECTRIC LAMPS						
	Materials, components, parts, containers and supplies, total .....		(X)	227.8	(X)	184.0
	Mill shapes and forms (except castings):					
	Copper and copper-base alloy:					
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	1,000 lbs.....	(NA)	0.8	1.4	1.4
335123	Plate, sheet, and strip, including military cups and discs..	...do.....				
335127	Pipe and tube.....	...do.....				
335728	Bare wire (for electrical conduction only).....	.....				
335790	Insulated wire and cable.....	.....	-	-	(D)	(D)
			-	-	(D)	(D)
260091	Paper and paperboard containers.....	.....	(X)	20.1	(X)	15.5
970099	All other materials, parts, containers and supplies consumed....	.....	(X)	191.0	(X)	161.3
973000	Materials, parts, containers and supplies, n.s.k. <sup>1</sup> .....	.....	(X)	15.9	(X)	5.7
INDUSTRY 3642.--LIGHTING FIXTURES						
	Materials, components, parts, containers and supplies, total.....		(X)	717.1	(X)	538.8
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons..	11.5	1.8	4.1	0.9
331012	Sheet and strip.....	...do.....	293.9	47.4	247.7	39.5
331017	Wire and wire products.....	...do.....	15.4	3.9	3.6	1.1
331015	Structural shapes.....	...do.....	9.3	1.5	4.3	0.9
331013	Plates.....	...do.....	4.7	0.5	32.2	3.7
331019	All other carbon steel mill shapes and forms.....	...do.....	7.8	1.8	21.6	4.3
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	...do.....	0.2	0.3	0.2	0.2
331029	All other alloy steel mill shapes and forms.....	...do.....	6.4	4.2	5.4	3.1
331031	Stainless steel.....	...do.....	3.5	3.5	2.2	2.2
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction).....	Million lbs.....	4.0	3.4	2.7	1.5
335790	Insulated wire and cable.....	Million lbs.....				
	(copper content).....		15.0	8.4	10.1	6.7
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	1.3	0.9	1.5	0.9
335123	Plate, sheet and strip, including military cups and discs....	...do.....	4.0	3.0	5.2	3.1
335127	Pipe and tubes.....	...do.....	(NA)	3.3	2.5	2.2
	Aluminum and aluminum-base alloy:					
335202	Sheet plate and foil.....	...do.....	21.5	9.6	21.3	10.6
335205	Extruded shapes including extruded rod, bar, pipe, tube, etc.	...do.....	19.6	9.4	10.0	4.9
335209	All other aluminum mill shapes and forms (wired, rolled and bar, powder, welded tubing, etc.).....	...do.....	4.8	2.4	2.3	1.2
333401	Aluminum and aluminum-base alloy refinery shapes.....	1,000 short tons..	4.3	2.2	4.8	2.3
	Castings (rough and semifinished): <sup>2</sup>					
332011	Iron (gray and malleable).....	...do.....	17.1	6.0	5.2	1.9
332300	Steel.....	...do.....	9.1	5.1	3.0	1.9
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	33.1	19.2	7.7	5.9
336200	Copper and copper-base alloy.....	...do.....	2.1	1.9	1.8	1.6
282130	Thermoplastic resins, including modified resins (includes resin content of vinyls and dry bases for cellulose, polyethylenes, polypropylenes, styrenes, etc. Includes granules, pellets, powder, liquid, etc. and excludes sheets, rods, tubes and other shapes).....	Million lbs. (dry basis).....	30.1	11.0	12.2	5.6
282140	Thermosetting resins (melamines, phenolics, polyesters, ureas, etc.). Includes granules, pellets, powder, liquid, etc. and excludes sheets, rods, tubes, and other shapes.....	...do.....	3.9	1.8	3.7	1.5
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	401.2	(X)	308.1
976000	Materials, parts, containers, and supplies, n.s.k. <sup>1</sup> .....	.....	(X)	163.4	(X)	123.0

See footnotes at end of table.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3643.--CURRENT-CARRYING WIRING DEVICES					
	Materials, components, parts, containers and supplies, total. ....		(X)	285.1	(X)	225.5
	Mill shapes and forms (except casting):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	6.2	1.3	1.6	0.8
331012	Sheet and strip.....	..do.....	49.0	8.6	17.0	3.7
331017	Wire and wire products.....	..do.....	11.1	2.2	5.7	2.4
331019	All other carbon steel mill shapes and forms.....	..do.....	0.3	0.2	1.5	0.4
331020	Alloy steel (except stainless).....	..do.....	6.3	2.6	6.6	2.7
331031	Stainless steel.....	..do.....	1.6	2.0	0.8	1.0
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction).....	Million pounds...	8.2	6.5	5.5	2.6
335790	Insulated wire and cable.....	Million pounds (copper content)	(NA)	8.0	12.0	5.8
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million pounds...	8.8	6.8	13.3	6.9
335123	Plate, sheet, and strip including military cups and discs..	..do.....	23.2	17.9	25.8	18.2
335127	Pipe and tube.....	..do.....	(NA)	2.0	4.2	2.6
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate and foil.....	..do.....	2.5	1.2	4.4	1.9
335205	Extruded shapes (including extruded rod, bar, pipe tube, etc.).....	..do.....	6.6	2.6	3.2	1.3
335209	All other aluminum mill shapes and form (wire, rolled rod and bar welded tubing, etc.).....	..do.....	2.7	0.9	3.9	2.4
	Refinery shapes:					
333122	Copper and copper-base alloy.....	1,000 short tons.	3.0	3.0	2.3	1.6
333401	Aluminum and aluminum-base alloy.....	..do.....	(D)	(D)	0.5	0.3
333348	Zinc and zinc-base alloy.....	..do.....	1.0	0.4	0.4	0.2
	Scrap (exclude home scrap):					
999812	Copper and copper-base alloy.....	..do.....	(D)	(D)	(D)	(D)
999808	Aluminum and aluminum-base alloy.....	..do.....	(D)	(D)	(D)	(D)
	Castings (rough and semifinished): <sup>2</sup>					
332011	Iron (gray and malleable).....	..do.....	5.1	1.3	0.5	0.3
336100	Aluminum and aluminum-base alloy.....	Million pounds...	(NA)	3.3	2.8	2.3
336200	Copper and copper-base alloy.....	..do.....	2.1	2.1	2.4	2.0
367408	Solid state semi-conductors.....	Million units....	(NA)	0.2	1.7	0.4
282130	Thermoplastic resins, including modified resins (includes resin content of vinyls and dry bases for cellulose, polyethylenes, polypropylenes, styrenes, etc. Includes granules, pellets, powder, liquid, etc., and excludes sheets, rods, tubes and other shapes).....	Million pounds (dry basis).....	8.2	2.7	21.0	6.3
282140	Thermosetting resins (melamines, phenolics, polyesters, ureas, etc.). Includes granules, pellets, powder, liquid, etc. and excludes sheets, rods, tubes, and other shapes.....	..do.....	24.2	7.6	8.8	5.3
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	141.6	(X)	105.8
973000	Materials, parts, containers and supplies, n.s.k. <sup>1</sup> .....	.....	(X)	60.1	(X)	48.3

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963-Continued

(See appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3644.--NONCURRENT-CARRYING DEVICES					
	Materials, components, containers and supplies, total.....		(X)	265.7	(X)	203.4
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bar and bar shapes.....	1,000 short tons..	92.5	14.1	81.1	12.4
331012	Sheet and strip.....	..do.....	226.4	37.9	238.8	34.1
331017	Wire and wire products.....	..do.....	(NA)	3.6	7.2	1.7
331019	All other carbon steel mill shapes and forms.....	..do.....	284.6	32.8	187.2	31.6
331020	Alloy steel (except stainless).....	..do.....	26.6	5.1	4.0	1.2
331031	Stainless steel.....	..do.....				
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction).....	Million lbs.....	0.9	0.3	(D)	(D)
335790	Insulated wire and cable.....	Million lbs.....	2.2	1.7	0.3	0.1
		copper content).				
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	1.9	1.1	{	{
335123	Plate, sheet, and strip, including military cups and discs..	..do.....				
335127	Pipe and tube.....	..do.....				
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate and foil.....	..do.....	10.5	3.8	{	{
335205	Extruded shapes (including extruded rod, bar, pipe, tube, etc.).....	..do.....				
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	..do.....				
	Refinery shapes:					
333122	Copper and copper-base alloy.....	1,000 short tons..	3.3	2.9	3.1	2.0
333401	Aluminum and aluminum-base alloy.....	..do.....	3.9	1.9	2.2	1.1
333348	Zinc and zinc-base alloy.....	..do.....	19.5	5.6	13.3	3.6
	Scrap (exclude home scrap):					
999812	Copper and copper-base alloy.....	..do.....	(D)	(D)	(NA)	(NA)
999808	Aluminum and aluminum-base alloy scrap (purchased only).....	..do.....	(D)	(D)	(D)	(D)
	Castings (rough and semifinished): <sup>2</sup>					
332011	Iron (gray and malleable).....	..do.....	8.4	5.8	21.7	10.1
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	9.1	4.9	5.5	3.8
336200	Copper and copper-base alloy.....	..do.....	0.6	0.8	1.2	1.1
367408	Solid state semi-conductors.....	Million units.....	-	-	(NA)	(NA)
282130	Thermoplastic resins, including modified resins (includes resin content of vinyls and dry bases for cellulose, polyethylenes, polypropylenes, styrenes, etc. Includes granules, pellets, powder, liquid, etc., and excludes sheets, rods tubes and other shapes).....	Million lbs, (dry basis).....	{	(D)	{	{
282140	Thermosetting resins (melamines, phenolica, polyesters, ureas, etc.). Includes granules, pellets, powder, liquid, etc. and excludes sheets, rods, tubes, and other shapes.....	..do.....				
970009	All other materials and components, parts, containers, and supplies consumed.....		(X)	104.9	(X)	77.7
976000	Materials, parts, containers and supplies, n.s.k. <sup>1</sup> .....		(X)	38.5	(X)	11.7

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

<sup>2</sup>No data are available on the quantities of castings produced and consumed in the same establishment.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 3651.--RADIO AND TV RECEIVING SETS						
	Materials, parts, containers, and supplies, total.....		(X)	2,399.5	(X)	1,335.0
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	9.8	3.3	2.5	0.5
331012	Sheet and strip.....	.....do.....	38.1	7.2	49.7	10.2
331019	All other carbon steel mill shapes and forms.....	.....do.....	(NA)	3.0	7.8	1.5
331020	Alloy steel (except stainless).....	.....do.....	12.6	5.8	2.2	0.7
331031	Stainless steel.....	.....do.....			0.2	0.4
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction only).....	Million lbs.....	10.3	9.8	5.2	1.5
335790	Insulated wire and cable.....	Million lbs. (copper content)	18.4	11.0	18.6	11.5
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	0.9	0.7	0.6	0.5
335123	Plate, sheet, and strip, including military cups and discs..	.....do.....				
335127	Pipe and tube.....	.....do.....				
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	.....do.....	2.6	1.4	0.9	0.6
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	.....do.....	4.8	2.9	1.6	1.0
335209	All other aluminum mill shapes and forms (wire rolled rod and bar, powder, welded tubing, etc.).....	.....do.....				
336100	Aluminum and aluminum-base alloy castings (rough and semi- finished) <sup>1</sup> .....	.....do.....	3.8	3.0	0.8	0.7
	Fractional horsepower electric motors (under 1 hp.): <sup>1</sup>					
362110	Timing motors, synchronous and subsynchronous.....	Millions.....	6.0	11.2	1.2	2.9
362115	Other fractional horsepower electric motors (excluding timing motors).....	.....do.....	4.3	11.5	1.6	6.4
367012	Electron tubes, except X-ray and cathode ray picture tubes <sup>1</sup> .....	.....do.....	148.2	86.4	200.1	274.3
367200	Cathode ray picture tubes <sup>1</sup> .....	.....do.....	7.3	616.0		
367408	Solid state semiconductors <sup>1</sup> .....	.....do.....	175.4	48.4	86.0	24.4
367410	Monolithic (solid state) integrated circuits.....	.....do.....	(X)	(D)	(X)	(NA)
281995	Silicon, hyper pure.....	Kilograms.....	(D)	(D)	(NA)	(NA)
333977	Gemanium.....	Pounds.....	(D)	(D)	(NA)	(NA)
251011	Cabinets (wood, metal, and plastics).....	Millions.....	16.5	244.0	(NA)	<sup>2</sup> 189.0
339913	Ferrite (powders and paste).....	.....do.....	(X)	2.5	(X)	1.1
260091	Paper and paperboard containers.....	.....do.....	(X)	24.2	(X)	<sup>2</sup> 16.0
970099	All other materials, and components, parts, containers, and supplies consumed <sup>3</sup> .....	.....do.....	(X)	1,090.4	(X)	654.6
976000	Materials, parts, containers, and supplies, n.s.k. <sup>4</sup> .....	.....do.....	(X)	217.8	(X)	137.2
INDUSTRY 3661.--TELEPHONE AND TELEGRAPH APPARATUS						
	Materials, parts, containers, and supplies, total.....		(X)	982.9	(X)	655.0
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	20.7	3.9	19.5	3.8
331012	Sheet and strip.....	.....do.....	82.8	16.6	85.6	12.1
331019	All other carbon steel mill shapes and forms.....	.....do.....	8.5	2.0	7.2	1.7
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	.....do.....	(NA)	10.2	10.1	8.4
331029	All other alloy steel mill shapes and forms.....	.....do.....				
331031	Stainless steel.....	.....do.....				
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction only).....	Million lbs.....	10.0	11.8	7.2	7.5
335790	Insulated wire and cable.....	Million lbs. (copper content).....	17.3	19.1	12.7	25.3
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	12.0	7.4	8.5	5.2
335123	Plate, sheet, and strip, including military cups and discs..	.....do.....	(NA)	14.4	22.6	11.9
335127	Pipe and tube.....	.....do.....	2.7	2.5	1.5	1.1
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate and foil.....	.....do.....	5.6	2.7	5.0	2.8
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	.....do.....	2.2	1.2	1.1	0.6
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	.....do.....	2.8	1.6	4.2	1.7

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 3661.—TELEPHONE AND TELEGRAPH APPARATUS--Continued						
Materials, parts, containers, and supplies--Continued						
336100	Aluminum and aluminum-base alloy castings (rough and semifinished) <sup>1</sup> .....	...do.....	9.9	5.8	5.1	3.2
367010	Electron tubes, except X-ray <sup>1</sup> .....	1,000.....	2.1	4.5	1.9	11.6
367410	Monolithic (solid state) integrated circuits.....	(X)	(X)	(D)	(X)	-
367408	Solid state semiconductors <sup>1</sup> .....	Millions.....	97.2	46.0	96.4	48.1
333977	Germanium.....	1,000 lbs.....	(D)	(D)	(NA)	(NA)
339913	Ferrites (powders and paste).....	Million lbs.....	(D)	(D)	(NA)	(NA)
282130	Thermoplastic resins including modified resins.....	Million lbs. dry basis.....	24.8	9.6	18.0	8.2
282140	Thermosetting resins (melamines, phenolics, polyesters, ureas, etc.).....	...do.....	7.7	2.0	7.6	1.8
970099	All other materials and components, parts, containers, and supplies consumed <sup>3</sup> .....		(X)	789.2	(X)	490.0
976000	Materials, parts, containers, and supplies, n.s.k. <sup>4</sup> .....		(X)	32.4	(X)	9.9
INDUSTRY 3662.—RADIO AND TV COMMUNICATION EQUIPMENT						
Materials, parts, containers, and supplies, total.....						
			(X)	3 153.4	(X)	2,468.7
Mill shapes and forms, except castings:						
Carbon steel:						
331012	Sheet and strip.....	1,000 short tons.	22.7	4.5	16.0	3.2
331011	Bars and bar shapes.....	...do.....	14.1	3.2	} (NA)	10.3
331015	Structural shapes.....	...do.....	16.0	2.9		
331017	Wire and wire products.....	...do.....	(NA)	3.9		
331019	All other carbon steel mill shapes and forms.....	...do.....	3.1	1.1		
Alloy steel, except stainless:						
331021	Bars and bar shapes.....	...do.....	9.6	3.0	1.4	0.6
331029	All other alloy steel mill shapes and forms.....	...do.....	1.1	1.1	2.6	1.2
331031	Stainless steel.....	...do.....	3.2	4.7	2.0	3.2
Copper and copper base alloy:						
335728	Bare wire (for electrical conduction only).....	Million lbs.....	5.2	3.6	4.4	3.4
335790	Insulated wire and cable.....	Million lbs. (copper content)	27.7	23.9	24.2	22.3
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	3.2	2.4	2.7	1.7
335123	Plate, sheet, and strip, including military cups and discs...	...do.....	1.9	1.6	1.4	1.3
335127	Pipe and tube.....	...do.....	1.8	1.3	1.2	0.9
Aluminum and aluminum-base alloy:						
335202	Sheet, plate, and foil.....	...do.....	(NA)	11.9	13.4	8.8
335205	Extruded shapes including extruded rod, bar, pipe, tube, etc.	...do.....	17.3	12.1	8.9	6.0
335209	All other aluminum mill shapes and forms.....	...do.....	3.7	2.4	4.0	2.6
Castings (rough and semifinished): <sup>1</sup>						
332300	Steel.....	1,000 short tons.	(NA)	11.4	14.9	8.1
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	21.9	22.8	11.2	13.9
336200	Copper and copper-base alloy.....	...do.....	1.9	1.8	1.1	1.2
339915	Metal powders.....	...do.....	2.2	0.4	(NA)	(NA)
Fractional horsepower electric motors (under 1 hp.): <sup>1</sup>						
362110	Timing motors, synchronous and subsynchronous.....	1,000.....	(NA)	18.7	191.0	9.2
362115	Other fractional horsepower electric motors, excluding timing motors.....	...do.....	271.3	9.7	414.0	11.7
367010	Electron tubes, except X-ray <sup>1</sup> .....	Millions.....	42.5	70.1	55.9	66.5
367408	Solid state semiconductors <sup>1</sup> .....	...do.....	260.4	150.9	123.8	104.2
367410	Monolithic (solid state) integrated circuits.....	(X)	(X)	58.8	(X)	(NA)
281995	Silicon, hyper pure.....	1,000 kilograms..	(D)	(D)	0.7	1.4
333977	Germanium.....	1,000 lbs.....	(D)	(D)	0.9	0.2
260091	Paper and paperboard containers.....	(X)	(X)	12.8	(X)	6.1
329905	Mica.....	Pounds.....	(NA)	1.0	(NA)	(NA)
335606	Nickel and nickel-base alloy mill shapes and forms.....	Million lbs.....	0.9	1.0	0.3	0.7
339913	Ferrites (powder and paste).....		(X)	0.4	(X)	2.1
Glass and glass products:						
322921	Tube blanks.....	1,000.....	34.7	0.8	(D)	(D)
320311	Other than tube blanks.....		(X)	2.7	(X)	1.4
367951	Fabricated electron tube parts, except blanks.....		(X)	(D)	(X)	8.8
282130	Thermoplastic resins including modified resins.....	Million lbs.....	3.5	1.6	2.5	0.4
282140	Thermosetting resins (melamines, phenolics, polyesters, ureas, etc.).....	...do.....	8.8	3.6	(D)	(D)
970099	All other materials and components, parts, containers and supplies consumed <sup>3</sup> .....		(X)	2,254.7	(X)	2,032.5
976000	Materials, parts, containers and supplies, n.s.k. <sup>4</sup> .....		(X)	446.6	(X)	134.8

See footnotes at end of table.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963-Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 3671.--ELECTRON TUBES, RECEIVING TYPE						
	Materials, parts, containers, and supplies, total.....		(X)	55.8	(X)	60.1
	Mill shapes and forms, except castings:					
	Carbon steel:					
331011	Bars and bar shapes.....	Thousand short tons.....	}	(NA)	(NA)	(D)
331012	Sheet and strip.....	do.....				
331015	Structural shapes.....	do.....				
331017	Wire and wire products.....	do.....				
331019	All other carbon mill shapes and forms.....	do.....				
	Alloy steel, except stainless:					
331021	Bars and bar shapes.....	do.....	}	(D)	(NA)	(D)
331029	All other alloy steel mill shapes and forms.....	do.....				
331031	Stainless steel.....	do.....				
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction only).....	Million lbs.....	(NA)	(D)	(NA)	(D)
335790	Insulated wire and cable.....	Million lbs. (copper content)	-	-	(NA)	(D)
335102	Rod, bar and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	}	(NA)	(D)	(NA)
335123	Plate, sheet, and strip, including military cups and discs..	do.....				
335127	Pipe and tube.....	do.....				
	Fractional horsepower electric motors (under 1 hp.): <sup>2</sup>					
362110	Timing motors synchronous and subsynchronous.....	Thousands.....	(NA)	(D)	(NA)	(D)
362115	Other fractional horsepower electric motors, excluding timing motors.....	do.....	(NA)	(D)	(NA)	(D)
367010	Electron tubes, except X-ray <sup>2</sup> .....	do.....	(NA)	(D)	(NA)	(D)
367408	Solid state semiconductors <sup>2</sup> .....	do.....	(NA)	(D)	(NA)	(D)
260091	Paper and paperboard containers.....		(X)	1.7	(X)	1.2
329905	Mica.....	Thousand pounds..	(NA)	(D)	468.1	2.6
335606	Nickle and nickle-base alloy mill shapes and forms.....	Million lbs.....	1.3	1.9	1.4	3.0
335603	Molybdenum, rolled, drawn, or extruded.....	Thousand pounds..	23.5	1.9	30.5	2.0
335733	Tungsten wire.....		(X)	3.3	(X)	3.5
	Glass and glass products:					
322921	Tube blanks.....	Millions.....	334.1	3.3	331.4	3.3
320311	Other than tube blanks.....		(X)	1.3	(X)	1.7
397951	Fabricated electron tube parts, except blanks.....		(X)	(D)	(X)	26.2
282140	Thermosetting resins.....	1,000 lbs. (dry basis).....	(NA)	(D)	-	-
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	41.0	(X)	<sup>1</sup> 15.6
976000	Materials, parts, containers, and supplies, n.s.k. <sup>2</sup> .....		(X)	1.4	(X)	1.1
INDUSTRY 3672.--CATHODE RAY PICTURE TUBES						
	Materials, parts, containers and supplies, total.....		(X)	341.6	(X)	138.3
	Mill shapes and forms, except castings:					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	(D)	(D)	(D)	(D)
331012	Sheet and strip.....	do.....	(D)	(D)	(D)	(D)
331015	Structural shapes.....	do.....	(D)	(D)	(D)	(D)
331017	Wire and wire products.....	do.....	(D)	(D)	(D)	(D)
331019	All other carbon steel mill shapes and forms.....	do.....	(D)	(D)	(D)	(D)
	Alloy steel, except stainless:					
331021	Bars and bar shapes.....	do.....	(D)	(D)	(D)	(D)
331029	All other alloy steel mill shapes and forms.....	do.....	(D)	(D)	(D)	(D)
331031	Stainless steel.....	do.....	(D)	(D)	(D)	(D)
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction only).....	Million lbs.....	(D)	(D)	(NA)	(NA)
335790	Insulated wire and cable.....	Million lbs. (copper content)	(D)	(D)	(NA)	(NA)
336102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	(D)	(D)	(D)	(D)
335123	Plate, sheet, and strip, including military cups and discs..	do.....	(D)	(D)	(D)	(D)
335127	Pipe and tube.....	do.....	(D)	(D)	(D)	(D)
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	do.....	(D)	(D)	(D)	(D)
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	do.....	(D)	(D)	(D)	(D)
335209	All other aluminum mill shapes and forms.....	do.....	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963-Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 3672.--CATHODE RAY PICTURE TUBES--Continued						
Materials, parts, containers and supplies--Continued						
367010	Electron tubes, except X-ray <sup>1</sup> .....	1,000.....	22.0	0.1	105.3	0.8
260091	Paper and paperboard containers.....	.....	(X)	4.7	(X)	(D)
Glass and glass products:						
322921	Tube blanks.....	Millions.....	16.8	115.3	49.2	61.8
320311	Other than tube blanks.....	.....	(X)	(D)	(X)	(D)
367951	Fabricated electron tube parts, except blanks.....	.....	(X)	(D)	(X)	7.2
282130	Thermoplastic resins including modified resins.....	1,000 lbs. (dry basis).....	(X)	(D)	(NA)	(NA)
282140	Thermosetting resins.....	...do.....	5.3	2.1	(NA)	(NA)
970099	All other materials and components, parts, containers, and supplies consumed <sup>3</sup> .....	.....	(X)	206.2	(X)	65.2
976000	Materials, parts, containers, and supplies, n.s.k. <sup>4</sup> .....	.....	(X)	13.2	(X)	3.4
INDUSTRY 3673.--ELECTRON TUBES, TRANSMITTING						
Materials, parts, containers and supplies, total.....						
			(X)	98.6	(X)	73.9
Mill shapes and forms, except castings:						
Carbon steel:						
331011	Bars and bar shapes.....	1,000 tons.....	4.3	3.2	0.1	0.3
331012	Sheet and strip.....	...do.....				
331015	Structural shapes.....	...do.....				
331017	Wire and wire products.....	...do.....				
331019	All other carbon steel mill shapes and forms.....	...do.....				
Alloy steel, except stainless:						
331021	Bars and bar shapes.....	...do.....			(Z)	0.1
331029	All other alloy steel mill shapes and forms.....	...do.....				
331031	Stainless steel.....	...do.....			0.1	0.6
Copper and copper-base alloy:						
335728	Bare wire (for electrical conduction only).....	Million lbs.....	(D)	(D)	0.1	0.1
335790	Insulated wire and cable, copper content only.....	...do.....	(D)	(D)		
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	...do.....	0.7	0.8	0.7	0.7
335123	Plate, sheet, and strip, including military cups and discs...	...do.....	0.7	0.9	0.8	0.8
335127	Pipe and tube.....	...do.....	0.2	0.2	0.4	0.4
Aluminum and aluminum-base alloy:						
335202	Sheet, plate, and foil.....	...do.....	0.2	0.2	0.3	0.4
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	...do.....	0.2	0.5	0.1	0.2
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, and welded tubing, etc.).....	...do.....				
Castings (rough and semifinished): <sup>1</sup>						
332300	Steel.....	1,000 tons.....	(D)	(D)	0.1	0.1
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	(Z)	(Z)	1.1	0.1
336200	Copper and copper-base alloy.....	...do.....	(D)	(D)	(D)	(D)
339915	Metal powders.....	...do.....	(D)	(D)	-	-
Fractional horsepower electric motors (under 1 hp.): <sup>1</sup>						
362110	Timing motors, synchronous and subsynchronous.....	1,000.....	(D)	(D)	(D)	(D)
362115	Other fractional horsepower electric motors, excluding timing motors.....	...do.....	(D)	(D)	(D)	(D)
367010	Electron tubes, except X-ray <sup>1</sup> .....	Millions.....	1.7	0.4	9.1	2.5
367408	Solid state semiconductors <sup>1</sup> .....	...do.....	4.5	0.8	2.0	0.5
333977	Germanium.....	pounds.....	-	-	(D)	(D)
260091	Paper and paperboard containers.....	.....	(X)	0.6	(X)	0.5
329905	Mica.....	1,000 pounds.....	(Z)	(Z)	(D)	(D)
335606	Nickel and nickel-base alloy mill shapes and forms.....	Million lbs.....	0.4	1.3	0.3	0.8
335602	Tantalum mill products.....	1,000 pounds.....	4.1	0.1	3.4	0.2
335603	Molybdenum, rolled, drawn or extruded.....	...do.....	17.3	0.7	36.3	0.8
335733	Tungsten wire.....	Million meters...	1.5	0.3	1.2	0.3
Glass and glass products:						
322921	Tube blanks.....	Millions.....	0.7	4.4	(NA)	(NA)
320311	Other than tube blanks.....	.....	(X)	1.0	(X)	(NA)
367951	Fabricated electron tube parts except blanks.....	.....	(X)	31.0	(X)	25.8
970099	All other materials and components, parts, containers, and supplies consumed <sup>3</sup> .....	.....	(X)	46.9	(X)	36.4
976000	Materials, parts, containers, and supplies, n.s.k. <sup>4</sup> .....	.....	(X)	5.3	(X)	2.3

See footnotes at end of table.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3674.--SEMICONDUCTORS					
	Materials, parts, containers and supplies, total.....		(X)	306.9	(X)	183.3
	Mill shapes and forms, except castings:					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	4.9	2.4	1.5	0.7
331012	Sheet and strip.....	do.....				
331015	Structural shapes.....	do.....				
331017	Wire and wire products.....	do.....				
331019	All other carbon steel mill shapes and forms.....	do.....				
	Alloy steel, except stainless:					
331021	Bars and bar shapes.....	do.....	0.3	1.0	1.1	3.3
331029	All other alloy steel mill shapes and forms.....	do.....				
331031	Stainless steel.....	do.....				
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction only).....	Million lbs.....	1.0	2.5	0.6	0.6
335790	Insulated wire and cable.....	Million lbs. copper content..	0.6	0.4	0.1	0.3
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	2.4	1.6	0.6	0.8
335123	Plate, sheet, and strip, including military cups and discs..	do.....				
335127	Pipe and tube.....	do.....				
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate and foil.....	do.....	0.4	0.3	0.3	0.3
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	do.....	0.3	0.2		
335209	All other aluminum mill shapes and forms.....	do.....	0.1	0.1		
	Castings (rough and semifinished): <sup>1</sup>					
332300	Steel.....	1,000 short tons.	(D)	(D)	(D)	(D)
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	(D)	(D)	(D)	(D)
336200	Copper and copper-base alloy.....	do.....	(D)	(D)	(D)	(D)
339915	Metal powders.....	do.....	(D)	(D)	(NA)	(NA)
	Fractional horsepower electric motors (under 1 hp): <sup>1</sup>					
362110	Timing motors synchronous and subsynchronous.....	1,000.....	-	-	(D)	(D)
362115	Other fractional horsepower electric motors, excluding timing motors.....	do.....	0.8	0.1	(D)	(D)
367010	Electron tubes, except X-ray <sup>1</sup> .....	Millions.....	(NA)	0.1	0.1	0.3
367408	Solid state semiconductors <sup>1</sup> .....	do.....	24.5	6.2	8.7	2.4
281995	Silicon, hyperpure.....	Kilograms.....	596.7	21.3	345.7	11.8
333977	Germanium.....	1,000 pounds.....	83.4	7.6	51.8	6.5
260091	Paper and paperboard containers.....	do.....	(X)	1.6	(X)	1.5
335606	Nickel and nickel base-alloy mill shapes and forms.....	Million lbs.....	1.3	3.8	0.5	1.9
335602	Tantalum mill products.....	1,000 lbs.....	(NA)	0.7	(NA)	1.2
335603	Molybdenum, rolled, drawn, or extruded.....	do.....	25.4	0.6	24.4	0.4
335733	Tungsten wire.....	Million meters..	(NA)	0.1	(NA)	0.2
	Glass and glass products:					
322921	Tube blanks.....	Millions.....	328.9	2.1	291.1	6.1
320311	Other than tube blanks.....	do.....	(X)	3.0	(X)	4.4
367951	Fabricated electron tube parts except blanks.....	do.....	(X)	6.8	(X)	140.6
282130	Thermoplastic resins including modified resins.....	Million lbs. (dry basis).....	1.9	0.6		
282140	Thermosetting resins.....	do.....	0.1	0.2		
970099	All other materials and components, parts, containers, and sup- plies consumed <sup>3</sup> .....	do.....	(X)	215.5		
976000	Materials, parts, containers, and supplies, n.s.k. <sup>4</sup> .....	do.....	(X)	28.1		

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963-Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3679.--ELECTRONIC COMPONENTS, N.E.C.					
	Materials, parts, containers, and supplies, total.....		(X)	1,990.1	(X)	754.7
	Mill shapes and forms, except castings:					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons..	6.4	1.5	3.9	1.2
331012	Sheet and strip.....	..do.....	35.6	11.3	40.6	9.8
331015	Structural shapes.....	..do.....	0.9	0.7	0.8	0.3
331017	Wire and wire products.....	..do.....	(NA)	11.1	7.9	3.0
331019	All other carbon steel mill shapes and forms.....	..do.....	3.1	2.2	7.3	3.6
	Alloy steel, except stainless:					
331021	Bars and bar shapes.....	..do.....	4.6	3.7	0.8	0.5
331029	All other alloy steel mill shapes and forms.....	..do.....	21.5	12.0	22.2	11.5
331031	Stainless steel.....	..do.....	3.2	5.6	1.6	2.4
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction only).....	Million pounds....	35.9	30.7	16.7	11.1
335790	Insulated wire and cable, copper content only.....	..do.....	37.1	34.4	26.3	18.1
335102	Rod, bar and mechanical wire, including extruded and/or drawn shapes.....	..do.....	22.1	13.0	15.6	7.3
335123	Plate sheet and strip, including military cups and discs....	..do.....	(NA)	7.8	12.2	7.1
335127	Pipe and tube.....	..do.....	5.3	4.9	4.9	3.3
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	..do.....	27.2	20.4	23.3	15.4
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	..do.....	11.0	7.9	15.7	12.6
335209	All other aluminum mill shapes and forms.....	..do.....	9.0	9.0	4.4	3.6
	Castings (rough and semifinished): <sup>1</sup>					
332300	Steel.....	1,000 short tons..	(NA)	2.0	0.9	0.6
336100	Aluminum and aluminum-base alloy.....	Million pounds....	5.3	5.0	2.0	3.9
336200	Copper and copper-base alloy.....	..do.....	11.2	9.0	0.5	0.5
339915	Metal powders.....	..do.....	21.7	7.5	(NA)	(NA)
	Fractional horsepower electric motors (under 1 hp.): <sup>1</sup>					
362110	Timing motors, synchronous and subsynchronous.....	1,000.....	173.0	1.8	(D)	(D)
362115	Other fractional horsepower electric motors, excluding timing motors.....	..do.....	(D)	(D)	426.0	1.4
367010	Electron tubes, except X-ray <sup>1</sup> .....	Millions.....	8.1	6.6	6.8	5.3
367408	Solid state semiconductors <sup>1</sup> .....	..do.....	209.5	85.2	15.9	13.7
367410	Monolithic (solid state) integrated circuits.....	..do.....	(X)	1.8	(NA)	(NA)
281995	Silicon, hyper pure.....	1,000 kilograms...	3.4	0.5	2.8	0.4
333977	Germanium.....	1,000 pounds.....	(D)	(D)	1.1	1.0
260091	Paper and paperboard containers.....	..do.....	(X)	22.0	(X)	7.1
329905	Mica.....	1,000 pounds.....	632.8	2.9	687.5	3.2
335606	Nickel and nickel-base alloy mill shapes and forms.....	Million pounds....	3.7	8.0	1.2	3.6
335602	Tantalum mill products.....	1,000 pounds.....	124.6	7.3	159.4	8.2
335603	Molybdenum, rolled, drawn, or extruded.....	..do.....	13.8	0.3	14.4	0.3
335733	Tungsten wire.....	Million meters....	2.1	0.5	1.1	0.3
339913	Ferrites (powder and paste).....	..do.....	(X)	7.4	(X)	9.4
	Glass and glass products:					
322921	Tube blanks.....	Millions.....	0.9	0.6	0.5	0.3
320311	Other than tube blanks.....	..do.....	(X)	3.5	(X)	3.3
367951	Fabricated electron tube parts except blanks.....	..do.....	(X)	(D)	(X)	1.7
282130	Thermoplastic resins including modified resins.....	Million lbs. (Dry Basis).....	(NA)	3.6	5.0	2.8
282140	Thermosetting resins.....	..do.....	18.0	15.8	10.0	6.7
970099	All other materials and components, parts, containers, and supplies consumed.....	..do.....	(X)	1 415.1	(X)	434.7
976000	Materials, parts, containers, and supplies, n.s.k. <sup>2</sup> .....	..do.....	(X)	207.5	(X)	135.7

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. <sup>2</sup>From 10 to 30 percent of this figure was estimated.

<sup>1</sup>No data are available on the quantities of castings, fractional horsepower, electrical motors, electron tubes, cathode ray picture tubes and solid state semiconductors produced and consumed in the same establishment.

<sup>2</sup>Represents estimates published MC63(1)-8 (Supplement), Selected Materials Consumed, from data collected in a supplemental survey on Form MA-131, consumption of materials, parts, containers and supplies, during 1963. This survey was limited to large establishments in selected chemical, machinery and equipment industries and resulted in estimates which are subject to greater error than are the figures on materials consumption collected as a regular part of the census of manufactures.

<sup>3</sup>Includes the value of materials shown by the symbol "D".

<sup>4</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967 this included estimates for companies that were not mailed report forms.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See appendix, "Explanation of Terms")

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3691.--STORAGE BATTERIES					
	Materials, parts, containers, and supplies, total.....		(X)	300.3	(X)	264.2
	Lead:					
333233	Refined unalloyed lead.....	1,000 Short tons.	162.6	45.2	119.8	26.1
333234	Antimonial lead.....	...do.....	207.8	60.0	223.1	57.1
281634	Litharge.....	...do.....	99.2	29.7	87.7	21.0
335607	Zinc and zinc-base alloy mill shapes and forms.....	...do.....	(D)	(D)	(NA)	(NA)
362406	Carbon and graphite electrodes and other carbon and graphite products for electrical use.....	.....	(D)	(D)	(NA)	(NA)
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	<sup>1</sup> 151.3	(X)	129.3
976000	Materials, parts, containers, and supplies, n.s.k. <sup>2</sup> .....	.....	(X)	14.1	(X)	30.8
	INDUSTRY 3692.--PRIMARY BATTERIES, DRY AND WET					
	Materials, parts, containers, and supplies, total.....		(X)	108.9	(X)	69.9
335607	Zinc and zinc-base alloy mill shapes and forms.....	1,000 short tons.	19.1	9.0	16.2	6.6
362406	Carbon and graphite electrodes and other carbon and graphite products for electrical use.....	.....	(X)	5.0	(X)	2.5
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	93.8	(X)	60.1
976000	Materials, parts, containers, and supplies, n.s.k. <sup>2</sup> .....	.....	(X)	1.1	(X)	0.8
	INDUSTRY 3694.--ENGINE ELECTRICAL EQUIPMENT					
	Materials, parts, containers, and supplies, total.....		(X)	548.3	(X)	356.4
	Mill shapes and forms, except castings:					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	105.6	21.7	118.3	24.7
331012	Sheet and strip.....	...do.....	128.4	23.1	116.6	17.6
331017	Wire and wire products.....	...do.....	(NA)	4.6	11.6	6.9
331013	Plates.....	...do.....	26.8	5.8	17.3	3.6
331019	All other carbon steel mill shapes and forms.....	.....				
331020	Alloy steel, except stainless.....	...do.....	3.0	0.7	1.7	0.5
331031	Stainless steel.....	...do.....	-	-	0.3	0.4
	Copper and copper base alloy:					
335728	Bare wire (for electrical conduction only).....	Million pounds...	42.0	27.0	39.2	19.6
335790	Insulated wire and cable.....	Million pounds (copper content)	49.9	28.7	30.5	16.1
335102	Rod, bar, and mechanical wire including extruded and/or drawn shapes.....	Million pounds...			22.4	8.3
335123	Plate, sheet, and strip, including military cups and discs...	...do.....	15.6	9.8	8.6	4.3
335127	Pipe and tube.....	...do.....			0.1	0.1
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	...do.....	0.8	0.7	1.2	1.1
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	...do.....	(NA)	0.2	0.6	0.5
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	...do.....	2.4	1.6	0.8	0.6
	Primary metals:					
331051	Pig iron.....	1,000 short tons.	(D)	(D)	(D)	(D)
333401	Aluminum and aluminum-base alloy refinery shapes.....	...do.....	25.5	10.4	(D)	(D)
	Castings(rough and semifinished): <sup>3</sup>					
332011	Iron (gray and malleable).....	...do.....	13.1	4.7	15.6	5.5
336100	Aluminum and aluminum-base alloy.....	Million pounds...	13.7	7.7	10.1	5.2
336200	Copper and copper-base alloy.....	...do.....	-	-	0.5	0.3
	Bearings:					
356218	Ball.....	.....				
356201	Roller.....	.....	(X)	13.0	(X)	8.6
970099	All other materials and components, parts, containers and supplies consumed.....	.....	(X)	356.8	(X)	225.6
976000	Materials, parts, containers, and supplies, n.s.k. <sup>2</sup> .....	.....	(X)	31.8	(X)	7.1

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3699.--ELECTRICAL EQUIPMENT, N.E.C.					
	Materials, parts, containers, and supplies, total.....		(X)	128.6	(X)	83.3
	Mill shapes and forms (except castings):					
331001	Carbon steel.....	1,000 short tons.	0.7	0.3	2.8	0.9
331020	Alloy steel (except stainless).....	do.....	0.8	0.6	0.9	0.6
331031	Stainless steel.....	do.....	0.4	0.3	0.5	0.5
335208	Aluminum and aluminum-base alloy.....	Million lbs.....	10.7	4.3	(D)	(D)
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction only).....	Million lbs. copper content..	0.8	1.1	0.5	0.9
335790	Insulated wire and cable.....	Million lbs. copper content..	27.0	21.4	14.1	13.3
335100	Brass mill shapes (rod, sheet, bar, etc.).....	1,000 short tons.	4.0	3.9	3.5	3.1
367010	Electron tubes, except X-ray <sup>4</sup> .....	Millions.....	(D)	(D)	(D)	(D)
367408	Solid state semiconductors <sup>4</sup> .....	Millions.....	1.5	0.8	1.7	1.3
281995	Silicon, hyper pure.....	1,000 kilograms..	(D)	(D)	(NA)	(NA)
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	66.3	(X)	45.5
976000	Materials, parts, containers, and supplies, n.s.k. <sup>2</sup> .....		(X)	29.6	(X)	17.2

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. From 10 to 30 percent of this figure was estimated.

<sup>1</sup>Includes cost of materials for which the symbol "D" appears.

<sup>2</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

<sup>3</sup>No data are available for the quantities of castings produced and consumed in the same establishment.

<sup>4</sup>No data are available on the quantities of electron tubes or solid state semiconductors produced and consumed in the same establishment.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967						1963	
			Industry 3711.—Motor vehicles		Industry 3714.—Motor vehicle parts and accessories		Total of industries 3711 and 3714		industries 3711 and 3714	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	Materials, parts, containers and supplies, total.....		(X)	19,505.1	(X)	5,727.6	(X)	25,233.3	(X)	22,596.8
	Mill shapes and forms (except castings):									
	Carbon steel:									
331011	Bars and bar shapes.....	1,000 tons.....	145.5	23.7	751.5	135.1	897.0	158.8	1,006.4	165.0
331012	Sheet and strip.....	do.....	1,164.4	198.0	5,061.3	774.1	6,225.7	972.1	6,059.7	1,892.3
331013	Plates.....	do.....	27.3	5.0	288.6	44.2	315.9	49.2	333.8	48.1
331015	Structural shapes.....	do.....	15.8	3.2	21.7	3.4	37.5	5.6	26.8	4.2
331017	Wire and wire products.....	do.....	1.4	0.5	226.7	52.8	228.1	53.3	142.0	133.7
331019	All other carbon steel mill shapes and forms.....	do.....	17.1	4.7	244.1	45.8	161.2	50.5	280.4	58.3
	Alloy steel (except stainless):									
331021	Bars and bar shapes.....	do.....	106.4	26.0	325.5	66.0	431.9	92.0	534.1	111.7
331029	All other alloy mill shapes and forms	do.....	20.1	4.7	52.9	27.4	73.0	32.1	81.2	37.8
331031	Stainless steel.....	do.....	1.1	0.9	26.0	24.2	27.1	25.1	37.7	31.7
	Copper and copper-base alloy:									
335728	Bare wire for electrical conduction.	Million lbs.....	(D)	(D)	80.1	37.7	(D)	(D)	1.7	1.1
335790	Insulated wire and cable.....	Million lbs. (copper content)	5.1	4.1	27.2	16.0	32.3	20.1	31.3	15.5
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	2.3	1.5	59.0	26.5	218.0	111.6	50.4	18.3
335123	Plate, sheet, and strip, including military cups and discs.....	do.....			156.7 <sup>(3)</sup>	83.6 <sup>(3)</sup>			163.6	74.4
335127	Pipe and tube.....	do.....			7.2	5.9			12.1	7.5
	Aluminum and aluminum-base alloy:									
335202	Sheet, plate, and foil.....	do.....	25.3	11.3	47.8	22.8	73.1	34.1	77.5	33.4
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	do.....	7.4	3.6	21.2	12.1	28.6	15.7	22.8	11.2
335209	All other aluminum mill shapes and forms (wire, rolled rod, bar, powder, welded tubing, etc.).....	do.....	1.5	0.8	5.0	3.0	6.5	3.8	17.3	5.3
339915	Metal powders.....	do.....	(D)	(D)	52.4	15.3	(D)	(D)	(NA)	(NA)
	Primary metals:									
331051	Pig iron (excluding silvery iron).....	1,000 short tons.	(D)	(D)	76.1	4.6	(D)	(D)	239.0	13.9
333401	Aluminum and aluminum-base alloy refinery shapes.....	do.....	(D)	(D)	37.0	16.6	(D)	(D)	33.3	13.4
	Scrap, excluding home scrap:									
999811	Iron and steel.....	do.....	(D)	(D)	324.5	9.9	(D)	(D)	330.6	13.3
999808	Aluminum and aluminum-base alloy.....	do.....	(D)	(D)	(D)	(D)	(D)	(D)	0.1	0.1
	Castings (rough and semifinished): <sup>4</sup>									
332011	Iron (gray and malleable).....	do.....	504.9	139.3	2,593.1	758.5	3,098.0	897.8	2,955.4	1,745.5
332300	Steel.....	do.....	24.5	16.6	135.8	108.3	160.3	124.9	158.0	127.1
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	55.2	38.9	373.1	186.3	428.3	225.2	430.2	225.3
336200	Copper and copper-base alloy.....	do.....	(D)	(D)	16.1	11.4	(D)	(D)	8.1	5.6
	Forgings: <sup>4</sup>									
339100	Iron and steel.....	1,000 tons.....	84.4	39.6	881.9	392.8	996.3	432.4	999.5	391.0
339200	Aluminum and aluminum-base alloy.....	Million lbs.....	-	-	47.7	15.5	47.7	15.5	1.4	1.0
362115	Fractional horsepower electric motors (under 1 hp.) <sup>4</sup> .....	1,000.....	(D)	(D)	2,521.6	10.2	(D)	(D)	7.2	21.0
	Bearings:									
356218	Ball.....	do.....	(X)	13.0	(X)	26.9	(X)	39.9	(X)	47.7
356201	Roller.....	do.....	(X)	25.0	(X)	100.8	(X)	125.8	(X)	109.0
229501	Coated, impregnated or laminated fabrics.	Million lin. yds.	4.5	6.2	2.2	2.3	6.7	8.5	18.4	15.6
	Uncoated broad-woven fabrics (piece goods)									
221103	Cotton.....	do.....	(NA)	0.3	5.4	3.0	(NA)	3.3	4.9	1.4
220119	Other broad-woven fabrics.....	do.....	(D)	(D)	5.4	1.4	(D)	(D)	13.9	17.4
307911	Unsupported plastic film and sheeting, excluding packaging materials.....	Million sq.yds...	(NA)	0.4	2.0	1.4	(NA)	1.8	(NA)	(NA)
282130	Thermoplastic resins including modified resins.....	Million lbs (dry basis).....	(D)	(D)	49.6	15.4	(D)	(D)	22.1	9.6
282140	Thermosetting resins.....	do.....	(D)	(D)	21.8	8.2	(D)	(D)	22.1	9.7
970099	All other materials and components, <sup>5</sup> parts, containers, and supplies consumed	do.....	(X)	18,675.4	(X)	2,407.4	(X)	21,083.8	(X)	18,671.9
976000	Materials, parts, containers and supplies, n.s.k. <sup>6</sup> .....	do.....	(X)	256.1	(X)	256.7	(X)	512.8	(X)	727.9

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963-Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963		
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)	
INDUSTRY 3713.--TRUCK AND BUS BODIES							
	Materials, parts, containers and supplies, total.....		(X)	338.0	(X)	224.3	
	Mill shapes and forms (except castings):						
	Carbon steel:						
331011	Bars and bar shapes.....	1,000 short tons..	31.6	5.5	23.1	3.9	
331012	Sheet and strip.....	..do.....	262.9	43.4	176.2	28.7	
331013	Plates.....	..do.....	54.5	8.0	37.8	5.4	
331015	Structural shapes.....	..do.....	34.0	5.5	21.4	3.3	
331017	Wire and wire products.....	..do.....	3.5	0.9	0.5	0.2	
331019	All other carbon steel mill shapes and forms.....	..do.....	7.1	1.9	18.9	3.8	
	Alloy steel (except stainless):						
331021	Bars and bar shapes.....	..do.....	0.9	0.3	0.3	0.1	
331029	All other alloy mill shapes and forms.....	..do.....	11.6	2.6	2.4	0.5	
331031	Stainless steel.....	..do.....	2.6	2.6	0.6	0.7	
	Copper and copper-base alloy:						
335728	Bare wire (for electrical conduction only).....	Million lbs.....	(D)	(D)	-	-	
335790	Insulated wire and cable.....	Million lbs. (copper content).	0.3	0.3	0.1	0.1	
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	} (NA)	1.7	0.2	0.1	
335123	Plate, sheet, and strip, including military cups and discs....	..do.....		(NA)	1.5	0.2	0.1
335127	Pipe and tube.....	..do.....					
	Aluminum and aluminum-base alloy:						
335202	Sheet, plate, and foil.....	..do.....	24.3	11.2	13.5	6.3	
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.	..do.....	8.3	4.3	6.5	2.8	
335209	All other aluminum mill shapes and forms (wire, rolled rod, bar, powder, welded tubing, etc.).....	..do.....	2.8	1.4	0.5	0.3	
	Primary metals and scrap:						
331051	Pig iron (excluding silvery iron).....	1,000 tons.....	-	-	(D)	(D)	
333401	Aluminum and aluminum-base alloy refinery shapes.....	..do.....	(D)	(D)	(D)	(D)	
999811	Iron and steel scrap.....	..do.....	(D)	(D)	(D)	(D)	
999808	Aluminum and aluminum-base alloy scrap.....	..do.....	(D)	(D)	(NA)	(NA)	
	Castings (rough and semifinished): <sup>4</sup>						
332011	Iron (gray and malleable).....	..do.....	6.1	2.6	2.7	0.9	
332300	Steel.....	..do.....	6.3	2.7	1.3	0.8	
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	0.4	0.4	0.2	0.2	
336200	Copper and copper-base alloy.....	..do.....	0.2	0.2	0.1	0.1	
	Forgings: <sup>4</sup>						
339100	Iron and steel.....	1,000 short tons..	0.5	0.3	0.4	0.2	
339200	Aluminum and aluminum-base alloy.....	Million lbs.....	(D)	(D)	(D)	(D)	
362115	Fractional horsepower electric motors (under 1 hp.) Excluding timing motors <sup>4</sup> .....	1,000 units.....	81.6	0.4	(D)	(D)	
362115	Bearings:						
356218	Ball.....	..do.....	-	0.2	} (X)	0.1	
356201	Roller.....	..do.....	-	0.1			
229501	Coated, impregnated or laminated fabrics.....	Million lin. yds..	258.6	0.9	(D)	(D)	
	Uncoated broad-woven fabrics (piece goods):						
221103	Cotton.....	..do.....	(NA)	0.1	(NA)	(NA)	
220119	Other broadwoven fabrics.....	..do.....	3.5	0.1	(NA)	(NA)	
282130	Thermoplastic resins including modified resins.....	Million lbs. dry basis.....	0.9	0.3	0.1	0.1	
282140	Thermosetting resins.....	..do.....	1.1	0.4	0.8	0.2	
970099	All other materials and components, parts, containers, and supplies consumed <sup>5</sup> .....	..do.....	(X)	186.3	(X)	115.1	
976000	Materials, parts, containers and supplies, n.s.k. <sup>6</sup> .....	..do.....	(X)	51.9	(X)	50.3	

See footnotes at end of table.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963-Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3715.--TRUCK TRAILERS					
	Materials, parts, containers, and supplies, total.....		(X)	427.6	(X)	298.5
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 tons.....	13.5	2.3	17.9	3.2
331012	Sheet and strip.....	..do.....	126.3	21.4	106.9	17.1
331013	Plates.....	..do.....	46.7	7.9	42.3	6.2
331015	Structural shapes.....	..do.....	38.0	6.5	42.4	11.1
331017	Wire and wire products.....	..do.....	(NA)	0.3		
331019	All other carbon steel mills shapes and forms.....	..do.....	12.6	3.9		
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	..do.....	8.4	2.1	25.9	9.0
331029	All other alloy steel mill shapes and forms.....	..do.....	23.8	5.4		
331031	Stainless steel.....	..do.....	16.1	12.6		
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction only).....	million lbs.....	(D)	(D)	(NA)	(NA)
335790	Insulated wire and cable.....	million lbs. copper content..	1.0	0.7	0.8	0.4
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	million lbs.....	-	-	0.6	0.3
335123	Plate, sheet, and strip, including military cups and discs...	..do.....	-	-		
335127	Pipe and tube.....	..do.....	(NA)	0.6		
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	..do.....	72.7	31.1	52.5	22.3
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	..do.....	68.2	26.0	54.9	20.0
335209	All other aluminum mill shapes and forms (wire, rolled rod, bar, powder, welded tubing, etc.).....	..do.....	2.3	1.0	0.3	0.2
	Primary metals and scrap:					
331051	Pig iron (excluding silvery iron).....	100 tons.....	-	-	(D)	(D)
333401	Aluminum and aluminum-base alloy refinery shapes.....	..do.....	(D)	(D)	(NA)	(NA)
999811	Iron and steel scrap.....	..do.....	(D)	(D)	(D)	(D)
	Castings (rough and semifinished): <sup>4</sup>					
332011	Iron (gray and malleable).....	..do.....	1.9	1.5	0.7	0.7
332300	Steel.....	..do.....	10.2	4.4	13.3	6.8
336100	Aluminum and aluminum-base alloy.....	million lbs.....	1.1	0.9	0.6	0.4
336200	Copper and copper-base alloy.....	..do.....	(D)	(D)	(NA)	(NA)
	Forgings: <sup>4</sup>					
339100	Iron and steel.....	1,000 tons.....	1.1	0.4	(D)	(D)
339200	Aluminum and aluminum-base alloy.....	million lbs.....	0.4	0.2	0.2	0.1
	Bearings:					
356218	Ball.....		(X)	1.4	(X)	0.3
356201	Roller.....				(X)	1.0
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	273.8	(X)	169.5
976000	Materials, parts, containers and supplies, n.s.k. <sup>6</sup> .....		(X)	23.2	(X)	29.9

Note: Detail figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Data for these materials have been revised to exclude the consumption of materials by automotive stamping plants operated by automobile producing plants. Most of these plants had previously been classified in this industry.

<sup>2</sup>These figures are understated by between \$15 and \$25 million because of apparent undercoverage of carbon steel pipe and tube.

<sup>3</sup>Included with material code 970099. "All other materials and components, etc."

<sup>4</sup>No data are available for the quantities of castings, forgings or fractional horsepower electric motors produced and consumed in the same establishment.

<sup>5</sup>Includes cost of those materials for which the symbol "D" appears.

<sup>6</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967 this includes estimates for companies that were not mailed report forms.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3721.--AIRCRAFT					
	Materials, components, parts, containers, and supplies, total.....		(X)	5,185.2	(X)	2,458.7
	Mill shapes and forms:					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	29.5	7.4	3.9	1.9
331012	Sheet and strip.....	..do.....	11.4	2.2	8.6	3.7
331013	Plates.....	..do.....	3.5	0.9	3.1	0.7
331015	Structural shapes.....	..do.....	2.4	0.7	3.4	1.1
331017	Wire and wire products.....	..do.....	2.9	1.4	1.6	0.8
331019	All other carbon steel mill shapes and forms.....	..do.....			2.2	1.8
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	..do.....	7.1	3.8	5.1	4.2
331029	All other alloy steel mill shapes and forms.....	..do.....	6.5	4.0	2.9	2.7
331031	Stainless steel.....	..do.....	4.5	7.7	2.2	5.2
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction only).....	Million lbs.....	0.4	0.4	0.6	0.9
335790	Insulated wire and cable.....	Million lbs. (copper content)	7.8	14.6	3.4	4.5
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	0.4	0.9	0.2	0.4
335123	Plate, sheet, and strip, including military cups and discs..	..do.....	1.3	0.7	0.4	0.6
335127	Pipe and tube.....	..do.....			0.2	0.3
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	..do.....	109.1	82.9	51.6	38.1
335205	Extruded shapes (including extruded rod, bar, pipe, tube, etc.).....	..do.....	37.0	47.1	16.7	21.2
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welding tubing, etc.).....	..do.....	9.1	11.2	8.1	4.8
335601	Titanium and titanium-base alloy.....	..do.....	2.2	18.4	1.1	15.2
	Castings (rough and semifinished): <sup>1</sup>					
332300	Steel.....	1,000 short tons.	3.0	5.0	3.2	5.6
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	9.8	21.0	5.4	8.5
336200	Copper and copper-base alloy.....	..do.....	0.1	0.2	(NA)	0.5
	Forgings: <sup>1</sup>					
339100	Iron and steel.....	1,000 short tons.	3.8	10.1	4.2	6.3
339200	Aluminum and aluminum-base alloy.....	Million lbs.....	10.5	17.1	9.8	14.6
339201	Titanium and titanium-base alloy.....	..do.....	1.3	16.7	0.1	0.7
	Electric motors and generators: <sup>1</sup>					
	Fractional horsepower electric motors (under 1 hp.):					
362110	Timing motors, synchronous and subsynchronous.....	1,000.....	5.8	0.6	3.3	0.4
363115	Other fractional horsepower electric motors (excluding timing motors).....	..do.....	8.6	0.8	7.5	0.5
362120	Integral horsepower motors and generators (1 hp. and over)....	..do.....	13.3	1.8	0.7	0.4
	Bearings:					
356218	Ball.....	.....	(X)	2.7	(X)	3.2
356201	Roller.....	.....	(X)	3.2	(X)	2.0
356120	Hydraulic fluid power pumps, motors, and related hydraulic equipment.....	.....	(X)	25.2	(X)	25.5
220123	Broad woven fabrics (cotton, wool, manmade fiber fabrics, etc)..	Million lin. yds.	5.5	19.3	1.5	4.2
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	4,790.9	(X)	2,233.8
976000	Materials, components, parts, containers, and supplies consumed, n.s.k. <sup>2</sup> .....	.....	(X)	66.3	(X)	44.4

See footnotes at end of table.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3722.--AIRCRAFT ENGINES AND PARTS					
	Materials, components, parts, containers and supplies, total.....		(X)	1,952.9	(X)	1,346.9
	Mill shapes and forms, except castings:					
	Carbon steel:					
331012	Bars and bar shapes.....	1,000 short tons	16.1	3.5	10.0	2.3
331012	Sheet and strip.....	..do.....	7.6	2.3	9.6	3.0
331013	Plates.....	..do.....	6.2	1.6	5.7	1.4
331015	Structural shapes.....	..do.....	0.7	0.3	0.3	0.1
331017	Wire and wire products.....	..do.....	0.9	0.7	0.2	0.1
331019	All other carbon steel mill shapes and forms.....	..do.....	9.5	3.1	2.9	1.0
	Alloy steel, except stainless:					
331021	Bars and bar shapes.....	..do.....	20.0	16.7	18.7	13.4
331029	All other alloy steel mill shapes and forms.....	..do.....	11.3	14.5	4.6	7.5
331031	Stainless steel.....	..do.....	15.1	38.9	17.1	41.0
	Copper and copper-base alloy:					
	Bare wire (for electrical conduction only).....	Million pounds..	0.1	0.1	(Z)	(Z)
335790	Insulated wire and cable.....	Million pounds (copper content)....	0.7	0.9	0.5	0.5
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million pounds..	2.3	1.6	1.7	1.1
335123	Plate, sheet, and strip, including military cups and discs..	..do.....	0.4	0.4	0.1	0.1
335127	Pipe and tube.....	..do.....	0.1	0.1	(Z)	(Z)
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	..do.....	6.9	5.2	3.8	3.1
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	..do.....	2.5	3.4	2.1	1.6
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	..do.....	(NA)	2.6	2.4	2.8
335601	Titanium and titanium-base alloy.....	..do.....	2.7	13.2	1.0	5.2
	Castings, rough and semifinished <sup>1</sup> :					
332300	Steel.....	1,000 short tons	(NA)	51.4	7.4	24.9
336100	Aluminum and aluminum-base alloy.....	Million pounds..	17.7	41.3	14.3	26.7
336200	Copper and copper-base alloy.....	..do.....	0.4	0.4	0.3	0.3
	Forgings <sup>1</sup> :					
339100	Iron and steel.....	1,000 short tons	49.9	83.7	37.8	65.7
339200	Aluminum and aluminum-base alloy.....	Million pounds..	14.1	18.0	18.7	20.8
339201	Titanium and titanium-base alloy.....	..do.....	11.6	54.7	4.5	23.3
	Electric motors and generators <sup>1</sup> :					
	Fractional horsepower electric motors (under 1 hp.):					
362110	Timing motors, synchronous and subsynchronous.....	1,000.....	45.8	1.5	(D)	(D)
362115	Other fractional horsepower electric motors, excluding timing motors.....	..do.....	(D)	(D)	32.2	3.2
362120	Integral horsepower motors and generators (1 hp. and over)....	..do.....	0.4	0.2	0.7	0.2
	Bearings:					
356218	Ball.....	..do.....	(X)	9.1	(X)	8.8
356201	Roller.....	..do.....	(X)	5.3	(X)	8.5
356120	Hydraulic fluid powerpumps, motors, and related hydraulic equipment.....	..do.....	(X)	(D)	(X)	2.1
220123	Broadwoven fabrics (cotton, wool, manmade fiber fabrics, etc.)..	Mil. lin. yds..	0.1	0.1	(NA)	(NA)
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	1,529.9	(X)	1,017.4
976000	Materials, components, parts, containers, supplies consumed, n.s.k. <sup>2</sup> .....		(X)	48.2	(X)	61.2

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963-Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3729.--AIRCRAFT EQUIPMENT, N.E.C.					
	Materials, components, parts, containers, and supplies, total .....		(X)	1,420.6	(X)	1,055.5
	Mill shapes and forms, except castings:					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons..	23.8	5.5	10.5	3.4
331012	Sheet and strip.....	..do.....	26.0	5.7	20.9	4.0
331013	Plates.....	..do.....	12.2	1.5	14.4	2.6
331015	Structural shapes.....	..do.....	3.6	0.6	3.4	0.9
331017	Wire and wire products.....	..do.....	3.8	0.9	1.8	0.4
331019	All other carbon steel mill shapes and forms.....	..do.....	3.1	0.7	3.3	1.2
	Alloy steel, except stainless:					
331021	Bars and bar shapes.....	..do.....	16.6	8.9	9.9	5.6
331029	All other alloy steel mill shapes and forms.....	..do.....	10.7	6.9	3.9	3.2
331031	Stainless steel.....	..do.....	16.4	31.2	9.3	15.9
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction only).....	Million pounds....	(D)	(D)	0.3	0.2
335790	Insulated wire and cable.....	Million pounds copper content...	(D)	(D)	0.8	2.0
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million pounds....	7.1	4.4	3.1	1.4
335123	Plate, sheet, and strip, including military cups and discs...	..do.....	1.3	0.6	0.2	0.2
335127	Pipe and tube.....	..do.....	5.1	3.4	0.2	0.2
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	..do.....	86.5	56.0	36.4	25.5
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	..do.....	39.2	40.3	29.4	30.1
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	..do.....	9.4	8.6	16.3	9.0
335601	Titanium and titanium-base alloy.....	1,000 pounds.....	1.7	14.8	0.5	6.3
	Castings, rough and semifinished: <sup>1</sup>					
332300	Steel.....	1,000 short tons..	15.7	27.4	7.4	9.1
336100	Aluminum and aluminum-base alloy.....	Million pounds....	19.4	25.8	12.6	14.8
336200	Copper and copper-base alloy.....	..do.....	3.5	3.4	0.7	0.4
	Forgings: <sup>1</sup>					
339100	Iron and steel.....	1,000 short tons..	(NA)	48.3	20.1	23.2
339200	Aluminum and aluminum-base alloy.....	Million pounds....	19.7	26.3	10.8	11.7
339201	Titanium and titanium-base alloy.....	..do.....	0.6	2.3	(NA)	(NA)
	Electric motors and generators: <sup>1</sup>					
	Fractional horsepower electric motors (under 1 hp.):					
362110	Timing motors, synchronous and subsynchronous.....	1,000.....	(D)	(D)	(Z)	1.2
362115	Other fractional horsepower electric motors, excluding timing motors.....	..do.....	(D)	(D)	0.1	1.9
362120	Integral horsepower motors and generators (1 hp. and over)....	..do.....	(D)	(D)	(Z)	5.8
	Bearings:					
356218	Ball.....	.....	(X)	15.2	(X)	8.2
356201	Roller.....	.....	(X)	8.6	(X)	2.1
356120	Hydraulic fluid power pumps, motors, and related hydraulic equipment.....	.....	(D)	(D)	(X)	21.8
220123	Broadwoven fabrics (cotton, wool, manmade fiber fabrics, etc.)...	Million lin. yds..	1.2	2.1	1.3	2.4
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	965.0	(X)	792.0
976000	Materials, components, parts, containers, and supplies consumed, n.s.k. <sup>2</sup> .....	.....	(X)	106.2	(X)	48.8

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. <sup>6</sup>From 10 to 30 percent of this figure was estimated.

<sup>1</sup>No data are available for the quantities of castings, forgings, or electric motors and generators produced and consumed in the same establishment.

<sup>2</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 3731.--SHIP BUILDING AND REPAIRING						
	Materials, parts, containers, and supplies, total.....		(X)	1,025.5	(X)	612.5
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bar and bar shapes.....	1,000 short tons.	109.7	18.1	47.3	7.9
331012	Sheet and strip.....	..do.....	91.2	14.9	28.2	5.4
331013	Plates.....	..do.....	656.6	97.7	477.6	69.3
331015	Structural shapes.....	..do.....	185.4	29.4	104.3	15.2
331017	Wire and wire products.....	..do.....	6.5	2.0	3.4	1.5
331019	All other carbon steel mill shapes and forms.....	..do.....	50.8	9.2	23.9	5.1
331020	Alloy steel (except stainless).....	..do.....	16.2	7.0	17.6	9.4
331031	Stainless steel.....	..do.....	3.8	4.8	4.3	6.8
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction only).....	Million lbs.....	0.4	0.4	4.0	4.8
335790	Insulated wire and cable.....	Million lbs. (copper content)	7.4	10.9		
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	2.2	1.6	0.7	0.8
335123	Plate, sheet, and strip (including military cups and discs)..	..do.....	1.0	1.0	1.1	1.0
335127	Pipe and tube.....	..do.....	11.2	11.5	5.8	4.4
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	..do.....	7.4	4.0	4.0	2.0
335205	Extruded shapes, rod, bar, pipe, etc.....	..do.....	14.3	13.2	2.1	2.4
335209	All other aluminum mill shapes and forms, wire, rolled rod, etc.....	..do.....				
	Castings (rough and semifinished): <sup>1</sup>					
332300	Steel.....	1,000 short tons.	9.3	8.3	5.6	4.3
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	0.9	0.9	0.4	0.4
336200	Copper and copper-base alloy.....	..do.....	2.6	3.2	5.9	5.8
	Engines: <sup>1</sup>					
351920	Diesel and semidiesel.....	1,000.....	2.6	32.7	(NA)	8.1
351901	Gasoline and other carburetor.....	..do.....	1.8	4.7	(NA)	0.6
362120	Integral horsepower motors and generators (1 hp. and over) <sup>1</sup> .....	..do.....	3.2	6.2	2.7	5.4
242120	Dressed lumber.....	Million bd. ft...	27.9	5.6	(NA)	2.6
243201	Plywood.....	..do.....	(X)	2.8	(X)	1.2
282130	Thermoplastic resins.....	Million lbs. dry basis.....	3.2	1.7	0.8	0.3
282140	Thermosetting resins.....	..do.....	2.6	0.6	(NA)	0.8
322931	Glass fiber.....	Million lbs.....	1.9	1.2	(NA)	0.4
970099	All other materials and components, parts, containers, and supplies consumed.....	..do.....	(X)	672.8	(X)	373.0
976000	Materials, parts, containers, and supplies, n.s.k. <sup>1</sup> .....	..do.....	(X)	59.1	(X)	73.4
INDUSTRY 3732.--BOAT BUILDING AND REPAIRING						
	Materials, parts, containers, and supplies, total.....		(X)	271.4	(X)	167.5
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bar and bar shapes.....	1,000 short tons.	1.5	0.2	0.9	0.2
331012	Sheet and strip.....	..do.....	8.4	1.2	1.5	0.2
331013	Plates.....	..do.....	6.8	1.2	3.0	0.5
331015	Structural shapes.....	..do.....	2.0	0.3	0.8	0.1
331017	Wire and wire products.....	..do.....	0.1	(Z)	0.2	0.1
331019	All other carbon steel mill shapes and forms.....	..do.....	0.5	0.1	1.1	0.2
331020	Alloy steel (except stainless).....	..do.....	1.0	0.2	0.1	(Z)
331031	Stainless steel.....	..do.....	0.3	0.5	0.5	0.6
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction only).....	Million lbs.....	(Z)	(Z)	0.3	0.3
335790	Insulated wire and cable.....	Million lbs. (copper content).	0.3	0.3		
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	0.1	0.1	0.1	(Z)
335123	Plate, sheet, and strip (including military cups and discs)..	..do.....	(Z)	(Z)	(Z)	(Z)
335127	Pipe and tube.....	..do.....	0.5	0.3	0.3	0.4
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate and foil.....	..do.....	17.7	7.1	15.2	6.6
335205	Extruded shapes, rod, bar, pipe, etc.....	..do.....	4.1	2.9	3.2	1.9
335209	All other aluminum mill shapes and forms, wire, rolled rod, etc.....	..do.....	0.3	0.2	0.2	0.1

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 3732.--BOAT BUILDING AND REPAIRING--Continued						
Castings (rough and semi-finished): <sup>1</sup>						
332300	Steel.....	1,000 short tons.	0.3	0.2	0.2	0.1
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	0.6	0.4	1.0	0.5
336200	Copper and copper-base alloy.....	...do.....	(NA)	1.7	0.9	1.1
Engines: <sup>1</sup>						
351920	Diesel and semidiesel.....	1,000.....	1.6	4.9	0.6	2.9
351901	Gasoline and other carburetor.....	...do.....	30.9	33.1	18.6	15.1
362120	Integral horsepower motors and generators (1 hp. and over) <sup>1</sup> .....	...do.....	1.0	1.0	0.2	0.2
242120	Dressed lumber.....	Million bd. ft..	(NA)	3.8	17.4	4.2
243201	Plywood.....	.....	(X)	9.5	(X)	6.9
282130	Thermoplastic resins.....	Million lbs.				
	dry basis.....	.....	(NA)	4.8	3.6	1.2
282140	Thermosetting resins.....	...do.....	38.4	8.8	(NA)	7.2
322931	Glass fiber.....	Million lbs.....	(NA)	11.4	(NA)	7.8
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	84.5	(X)	52.2
976000	Materials, parts, containers, and supplies, n.s.k. <sup>2</sup> .....	.....	(X)	92.7	(X)	56.5
INDUSTRY 3741.--LOCOMOTIVES AND PARTS						
Materials, parts, containers, and supplies, total.....			(X)	323.4	(X)	233.3
Mill shapes and forms (except castings):						
Carbon steel:						
331011	Bars and bar shapes.....	1,000 short tons.	14.6	2.6	11.0	1.9
331012	Sheet and strip.....	...do.....	27.9	4.2	28.8	4.8
331013	Plates.....	...do.....	79.7	11.2	58.7	8.5
331015	Structural shapes.....	...do.....				
331017	Wire and wire products.....	...do.....	33.7	6.7	18.0	2.5
331019	All other carbon steel mill shapes and forms.....	...do.....				
331020	Alloy steel (except stainless).....	...do.....				
331031	Stainless steel.....	...do.....	1.5	0.7	1.8	1.0
Copper and copper-base alloy:						
335728	Bare wire (for electrical conduction only).....	.....	(D)	(D)	(D)	(D)
335102	Rod, bar and mechanical wire, including extruded and/or drawn shapes.....	.....	(D)	(D)	(D)	(D)
335123	Plate, sheet, and strip, (including military cups and discs).....	.....	(D)	(D)	(D)	(D)
335127	Pipe and tube.....	.....	(D)	(D)	(D)	(D)
Aluminum and aluminum-base alloy:						
335202	Sheet, plate and foil.....	Million lbs.....				
335205	Extruded shapes.....	...do.....	0.9	0.6	0.5	0.3
335209	All other aluminum mill shapes and forms.....	...do.....				
331051	Pig iron.....	.....	(D)	(D)	(D)	(D)
999811	Iron and steel scrap.....	.....	(D)	(D)	-	-
Castings (rough and semifinished): <sup>1</sup>						
332011	Iron (gray and malleable).....	.....	(D)	(D)	(D)	(D)
332300	Steel.....	.....	(D)	(D)	(D)	(D)
336100	Aluminum and aluminum-base alloy.....	.....	(D)	(D)	(D)	(D)
339100	Iron and steel forgings <sup>1</sup> .....	.....	(D)	(D)	(D)	(D)
351920	Diesel and semidiesel engines <sup>1</sup> .....	.....	(D)	(D)	(D)	(D)
362120	Integral horsepower electric motors and generators (1 hp. and over) <sup>1</sup> .....	.....	(D)	(D)	(D)	(D)
Bearings:						
356218	Ball.....	.....	(D)	(D)	(X)	(D)
356201	Roller.....	.....				
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	294.2	(X)	213.1
976000	Materials, parts, containers, and supplies, n.s.k. <sup>2</sup> .....	.....	(X)	3.2	(X)	1.3

See footnotes at end of table.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963		
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)	
INDUSTRY 3742.--RAILROAD AND STREET CARS							
	Materials, parts, containers, and supplies, total.....		(X)	919.9	(X)	575.5	
	Mill shapes and forms (except castings):						
	Carbon steel:						
331011	Bars and bar shapes.....	1,000 short tons.	123.8	22.0	159.9	23.7	
331012	Sheet and strip.....	...do.....	198.4	29.6	225.9	32.4	
331013	Plates.....	...do.....	762.9	120.4	554.0	83.7	
331015	Structural shapes.....	...do.....	340.4	52.0	236.5	34.5	
331017	Wire and wire products.....	...do.....	5.7	1.0	1.5	0.5	
331019	All other carbon steel mill shapes and forms.....	...do.....	95.3	29.2	62.9	13.5	
331020	Alloy steel (except stainless).....	...do.....	(D)	(D)	19.5	4.0	
331013	Stainless steel.....	...do.....	(D)	(D)	1.6	1.8	
	Copper and copper-base alloy:						
335728	Bare wire (for electrical conduction only).....	Million lbs.....	(D)	(D)	(D)	(D)	
335102	Rod, bar and mechanical wire, including extruded and/or drawn shapes.....	...do.....	31.4	1.0	(D)	(D)	
335123	Plate, sheet, and strip, (including military cups and discs).	...do.....	-	-	(D)	(D)	
335127	Pipe and tube.....	...do.....	2.5	0.9	(D)	(D)	
	Aluminum and aluminum-base alloy:						
335202	Sheet, plate and foil.....	...do.....	15.5	13.6	6.3	5.9	
335205	Extruded shapes.....	...do.....	3.6	1.9	4.3	2.6	
335209	All other aluminum mill shapes and forms.....	...do.....					
331051	Pig iron.....	1,000 short tons.	(D)	(D)	(D)	(D)	
999811	Iron and steel scrap (purchased scrap only).....	...do.....	25.8	1.0	35.7	0.9	
	Castings (rough and semi-finished): <sup>1</sup>						
332011	Iron (gray and malleable).....	...do.....	103.6	43.6	71.6	30.1	
332300	Steel.....	...do.....	195.5	100.7	95.8	40.4	
336100	Aluminum and aluminum-base alloy).....	Million lbs.....	3.6	2.1	(D)	(D)	
339100	Iron and steel forgings <sup>1</sup> .....	1,000 short tons.	49.6	19.0	21.2	7.9	
351920	Diesel and semidiesel engines <sup>1</sup> .....	Number.....	(D)	(D)	(D)	(D)	
362120	Integral horsepower electric motors and generators (1 hp. and over <sup>1</sup> .....	...do.....	(D)	(D)	(D)	(D)	
	Bearings:						
356218	Ball.....	.....	}	(X)	(X)	15.2	
356201	Roller.....	.....					
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	418.7	(X)	270.8	
976000	Materials, parts, containers, and supplies, n.s.k. <sup>2</sup> .....		(X)	19.3	(X)	7.6	
INDUSTRY 3751.--MOTORCYCLES, BICYCLES AND PARTS							
	Materials, parts, containers, and supplies, total.....		(X)	152.3	(X)	102.7	
	Mill shapes and forms (except castings):						
	Carbon steel:						
331011	Bars and bar shapes.....	1,000 short tons..	131.0	22.3	3.5	0.7	
331012	Sheet and strip.....	...do.....			79.2	12.1	
331017	Wire and wire products.....	...do.....			6.3	1.1	
331013	Plates.....	...do.....			0.4	0.1	
331015	Structural shapes.....	...do.....			7.3	1.7	
331019	All other carbon steel mill shapes and forms.....	...do.....					
331020	Alloy steel (except stainless).....	...do.....	}	(NA)	1.2	0.3	
331031	Stainless steel.....	...do.....			(Z)	(Z)	
335121	Copper and copper-base alloy (brass mill shapes).....	Million lbs.....			(D)	(D)	
	Aluminum and aluminum-base alloy:						
335202	Sheet, plate, and foil.....	...do.....	}	(NA)	4.0	0.2	0.1
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	...do.....					
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing etc.).....	...do.....					
332300	Steel castings (rough and semifinished) <sup>1</sup> .....	1,000 short tons..	(D)	(D)	(D)	(D)	
339100	Iron and steel forgings <sup>1</sup> .....	...do.....	7.0	3.8	3.9	2.3	
	Bearings:						
356218	Ball.....	.....	}	(X)	(X)	0.9	
356201	Roller.....	.....					
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	107.9	(X)	76.3	
976000	Materials, parts, containers, and supplies, n.s.k. <sup>3</sup> .....		(X)	12.6	(X)	7.0	

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 3791.--TRAILER COACHES						
	Materials, parts, containers, and supplies, total.....		(X)	867.1	(X)	471.9
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 tons.....	3.4	0.7	5.3	1.6
331012	Sheet and strip.....	..do.....	26.5	5.8	14.6	3.3
331015	Structural shapes.....	..do.....	(NA)	21.2	54.9	8.6
331019	All other carbon steel mill shapes and forms.....	..do.....	(NA)	1.2	8.3	1.3
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	..do.....	12.0	4.3	13.1	6.0
331029	All other alloy steel mill shapes and forms.....	..do.....				
331031	Stainless steel.....	..do.....			-	-
	Copper and copper-base alloy:					
335728	Bare wire (electrical conduction only).....	Million lbs.....	(NA)	0.8	0.3	0.2
335790	Insulated wire and cable.....	Million lbs. (copper content).	10.8	5.9	4.8	3.5
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	..do.....	(NA)	0.1	0.1	(Z)
335123	Plate, sheet and strip (including military cups and discs)...	..do.....				
335127	Pipe and tube.....	..do.....	7.5	3.3	3.3	1.5
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate and foil.....	..do.....	82.9	37.6	63.7	25.4
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.	..do.....	8.8	3.1	8.1	2.4
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welding tubing, etc.).....	..do.....	(NA)	1.4	2.0	2.2
	Castings (rough and semifinished): <sup>1</sup>					
332300	Steel.....	1,000 short tons.	(D)	(D)	1.0	0.5
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	(D)	(D)	0.4	0.3
243201	Plywood.....		(X)	78.4	(X)	50.4
242120	Dressed lumber.....	Million board ft.	412.4	44.7	251.7	26.0
229501	Coated, impregnated, and laminated fabrics.....	Million linear yards.....	(NA)	8.5	10.5	8.5
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	413.6	(X)	229.5
976000	Materials, parts, containers, and supplies, n.s.k. <sup>2</sup> .....		(X)	236.5	(X)	100.8
INDUSTRY 3799.--TRANSPORTATION EQUIPMENT, N.E.C.						
	Materials, parts, containers, and supplies, total.....		(X)	161.9	(X)	94.8
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	e33.0	5.3	15.8	2.8
331012	Sheet and strip.....	..do.....	e131.3	19.2	65.6	10.4
331013	Plates.....	..do.....	10.8	1.6	5.4	0.9
331015	Structural shapes.....	..do.....	(NA)	5.2	7.7	1.3
331017	Wire and wire products.....	..do.....	(NA)	0.8	2.4	0.8
331019	All other carbon steel mill shapes and forms.....	..do.....	5.1	1.5	8.1	1.9
331020	Alloy steel (except stainless).....	..do.....	(NA)	3.6	0.8	0.3
331031	Stainless steel.....	..do.....				
335121	Copper and copper-base alloy (Brass mill shapes).....	Million lbs.....	(NA)	0.8	0.4	0.4
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate and foil.....	..do.....	14.1	5.9	3.3	1.6
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	..do.....	(NA)	2.3	0.6	0.3
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing etc.).....	..do.....	1.3	1.0	0.1	(Z)

See footnotes at end of table.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3799.--TRANSPORTATION EQUIPMENT, N.E.C.--Continued					
332300	Steel castings (rough and semifinished) <sup>1</sup> .....	1,000 short tons.	2.5	1.5	0.9	0.9
339100	Iron and steel forgings <sup>1</sup> .....	...do.....	0.4	0.2	0.2	0.2
	Bearings:					
356218	Ball.....		(X)	0.4	(X)	0.3
356201	Roller.....		(X)	0.7	(X)	0.4
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	80.4	(X)	35.4
976000	Materials, parts, containers, and supplies, n.s.k. <sup>2</sup> .....		(X)	31.5	(X)	36.9

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. In some cases figures which are otherwise publishable are withheld to avoid indirect disclosure by substraction from higher level totals or from related figures. <sup>e</sup>From 10 to 30 percent of this figure was estimated.

<sup>1</sup>No data are available on the quantities of castings, iron and steel forgings, engines, or integral horsepower electric motors and generators produced and consumed in the same establishment except for industry 3742 which had 11.8 thousand short tons of iron castings in 1963.

<sup>2</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See appendix, "Explanation of Terms")

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3811.--ENGINEERING AND SCIENTIFIC INSTRUMENTS					
	Materials, parts, containers, and supplies, total.....		(X)	340.8	(X)	166.2
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	1.1	0.4	1.4	0.4
331012	Sheet and strip.....	..do.....	23.7	3.8	14.5	2.4
331013	Plates.....	..do.....	0.4	0.1	(1)	(1)
331015	Structural shapes.....	..do.....	0.6	0.2	0.4	0.1
331017	Wire and wire products.....	..do.....	}	1.0	(1)	(1)
331019	All other carbon steel mill shapes and forms.....	..do.....			4.6	10.8
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	..do.....	0.2	0.1	0.4	0.2
331029	All other alloy steel mill shapes and forms.....	..do.....	0.4	0.2	0.5	0.4
331031	Stainless steel.....	..do.....	2.2	3.6	1.3	1.9
	Copper and copper-base alloy:					
335728	Bar wire (for electrical conduction only).....	Million lbs.....	0.3	0.2	0.1	0.2
335790	Insulated wire and cable.....	Million lbs..... (copper content)	0.5	1.0	0.8	0.5
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	}	0.4	0.5	0.3
335123	Plate, sheet, and strip (including military cups and discs).....	..do.....			0.1	0.1
335127	Pipe and tube.....	..do.....			0.2	0.1
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	..do.....	3.2	2.1	1.1	0.8
335205	Extruded shapes (including extruded rod, bar, pipe, tube, etc.).....	..do.....	0.7	0.6	0.4	0.3
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	..do.....	0.3	0.3	0.5	0.4
	Castings (rough and semifinished): <sup>2</sup>					
332300	Steel.....	1,000 short tons.	0.7	1.0	0.6	0.4
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	3.3	3.0	3.4	3.0
336200	Copper and copper-base alloy.....	..do.....	1.0	0.8	0.5	0.4
	Fractional horsepower electric motors (under 1 hp.): <sup>2</sup>					
362110	Timing motors, synchronous and subsynchronous.....	Millions.....	0.3	4.7	0.1	2.8
362115	Other fractional horsepower electric motors (excluding timing motors).....	..do.....	0.2	4.5	0.1	3.2
	Bearings:					
356218	Ball.....	}	(X)	2.1	(X)	2.2
356201	Roller.....					
367010	Electron tubes, except X-ray <sup>2</sup> .....	Million units....	0.8	1.7	0.1	0.3
367408	Solid state semiconductors <sup>2</sup> .....	..do.....	9.4	5.3	4.6	3.7
281995	Silicon hyper pure.....	kilogram.....	}	221.1	(X)	109.5
970099	All other materials and components, parts, containers, and supplies consumed.....	..do.....				
976000	Materials, parts, containers, and supplies, n.s.k. <sup>3</sup> .....	..do.....				
	INDUSTRY 3821.--MECHANICAL MEASURING DEVICES					
	Materials, parts, containers, and supplies, total.....		(X)	436.3	(X)	358.3
	Mill shapes and forms (except castings)					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	17.1	5.5	12.7	3.5
331012	Sheet and strip.....	..do.....	10.3	2.8	19.3	4.6
331013	Plates.....	..do.....	2.3	0.6	3.5	0.7
331015	Structural shapes.....	..do.....	3.8	0.8	1.4	0.4
331017	Wire and wire products.....	..do.....	2.5	1.3	1.8	1.0
331019	All other carbon steel mill shapes and forms.....	..do.....	1.9	1.2	2.3	1.6
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	..do.....	1.3	0.7	0.4	0.4
331029	All other alloy steel mill shapes and forms.....	..do.....	0.5	0.4	1.4	1.2
331031	Stainless steel.....	..do.....	4.4	8.8	3.0	4.9
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction only).....	Million lbs.....	0.9	1.4	}	2.3
335790	Insulated wire and cable.....	Million lbs. (copper content)	1.7	2.7		
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	8.0	5.2	10.3	4.7
335123	Plate, sheet, and strip (including military cups and discs).....	..do.....	3.6	2.7	6.7	3.7
335127	Pipe and tube.....	..do.....	2.8	2.6	6.8	2.4

See footnotes at end of table.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See appendix, "Explanation of Terms")

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost	Quantity	Delivered cost
			(millions of units)	(million dollars)	(millions of units)	(million dollars)
	INDUSTRY 2821.--MECHANICAL MEASURING DEVICES--Con.					
	Materials, parts, containers, and supplies--Con.					
	Mill shapes and forms (except castings):					
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate and foil.....	Million lbs.....	1.7	1.3	1.0	0.8
335205	Extruded shapes, (including extruded rod, bar, pipe, tube, etc.).....	...do.....	0.7	0.8	1.0	1.0
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	...do.....	1.8	1.5	4.1	2.6
	Castings (rough and semifinished): <sup>2</sup>					
332300	Steel.....	1,000 short tons.	6.3	6.7	5.4	6.0
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	20.9	17.7	17.0	12.5
336200	Copper and copper-base alloy.....	...do.....	11.0	9.1	16.1	11.5
	Fractional horsepower electric motors (under 1 hp. ): <sup>2</sup>					
362110	Timing motors, synchronous and subsynchronous.....	Million units....	0.7	6.0	0.2	3.2
362115	Other fractional horsepower electric motors (excluding timing motors).....	...do.....	0.2	2.8	0.1	1.3
	Bearings:					
356218	Ball.....	.....	(X)	1.4	(X)	0.8
356201	Roller.....	.....	(X)	0.1	(X)	0.1
367010	Electron tubes, except X-ray <sup>2</sup> .....	Million units....	1.1	1.8	1.8	2.5
367408	Solid state semiconductors <sup>2</sup> .....	...do.....	4.7	6.9	2.5	4.8
281995	Silicon, hyper-pure.....	10 Kilogram.....	(X)	255.2	(X)	231.6
970099	All other materials and components, parts, containers, and supplies consumed.....	.....				
976000	Materials, parts, containers and supplies, n.s.k. <sup>3</sup> .....	.....	(X)	88.3	(X)	48.2
	INDUSTRY 3822.--AUTOMATIC TEMPERATURE CONTROLS					
	Materials, parts, containers, and supplies, total.....	.....	(X)	173.6	(X)	141.8
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	5.6	2.2	3.6	1.6
331012	Sheet and strip.....	...do.....	24.3	4.9	20.1	5.0
331013	Plates.....	...do.....	3.5	5.3	0.4	0.1
331015	Structural shapes.....	...do.....				
331017	Wire and wire products.....	...do.....				
331019	All other carbon steel mill shapes and forms.....	...do.....				
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	...do.....	3.0	3.7	0.2	0.3
331029	All other alloy steel mill shapes and forms.....	...do.....			0.3	0.4
331031	Stainless steel.....	...do.....			2.2	3.7
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction only).....	Mil. lbs.....	(D)	(D)	0.3	0.3
335790	Insulated wire and cable.....	Mil. lbs. (copper content)	(D)	(D)	2.3	1.7
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Mil. lbs.....	10.0	6.1	14.2	6.3
335123	Plate, sheet, and strip (including military cups and discs).	...do.....	5.4	3.7	5.4	3.6
335127	Pipe and tube.....	...do.....	5.5	5.1	4.1	3.6
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate and foil.....	...do.....	8.5	3.3	1.1	0.8
335205	Extruded shapes (including extruded rod, bar, pipe, tube, etc.).....	...do.....			2.3	1.5
335209	All other aluminum mill shapes and forms, (wire, rolled rod and bar, powder, welded tubing, etc.).....	...do.....			4.7	1.2
	Castings (rough and semifinished):					
332300	Steel.....	1,000 short tons.	(D)	(D)	0.7	0.5
336100	Aluminum and aluminum-base alloy.....	Mil. lbs.....	7.6	4.8	7.8	5.1
336200	Copper and copper-base alloy.....	...do.....	6.2	5.6	5.3	2.5
	Fractional horsepower electric motors (under 1 hp.):					
362110	Timing motors, synchronous and subsynchronous.....	Number.....	3.2	4.3	3.5	2.7
362115	Other fractional horsepower electric motors (excluding timing motors).....	...do.....			(Z)	0.4

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963-Continued

(See appendix, "Explanation of Terms")

Code	Material	Unit of measure	1967		1963		
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)	
	INDUSTRY 3822. --AUTOMATIC TEMPERATURE CONTROLS--Continued						
	Materials, parts, containers, and supplies, total--Continued						
	Bearings:						
356218	Ball.....	.....	-	(Z)	}	(X)	0.1
356201	Roller.....	.....	-	-			
367010	Electron tubes, except X-ray.....	Mil. units.....	(D)	(D)		(D)	(D)
367408	Solid state semiconductors.....	..do.....	(D)	(D)		(D)	(D)
281995	Silicon, hyper pure.....	1 kilogram.....	-	-		(NA)	(NA)
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	<sup>4</sup> 100.8		(X)	<sup>4</sup> 95.8
976000	Materials, parts, containers, and supplies, n.s.k. <sup>3</sup> .....	.....	(X)	23.8		(X)	3.1
	INDUSTRY 3831. --OPTICAL INSTRUMENTS AND LENSES						
	Materials, parts, containers, and supplies, total.....	.....	(X)	109.8		(X)	53.1
	Mill shapes and forms (except castings):						
	Carbon steel:						
331011	Bars and bar shapes.....	1,000 short tons.	}	2.0	1.8	1.3	1.6
331017	Wire and wire products.....	..do.....					
331019	All other carbon steel mill shapes and forms.....	..do.....					
	Alloy steel (except stainless):						
331021	Bars and bar shapes.....	..do.....					
331029	All other alloy steel mill shapes and forms.....	..do.....					
331031	Stainless steel mill shapes and forms.....	..do.....					
	Aluminum and aluminum-base alloy:						
335205	Extruded shapes (including extruded rod, bar, pipe, tube, etc.).....	..do.....	1.3	1.4		0.5	0.4
335209	All other aluminum mill shapes and forms, (wire rolled rod and bar, powder, welded tubing, etc.).....	..do.....	0.1	0.2		(Z)	(Z)
	Castings (rough and semifinished): <sup>2</sup>						
332011	Iron (gray and malleable).....	1,000 short tons.	3.0	0.3		(D)	(D)
332300	Steel.....	..do.....	(D)	(D)		(D)	(D)
336100	Aluminum and aluminum-base alloy.....	Mil. lbs.....	4.5	3.6		0.5	0.8
336200	Copper and copper-base alloy.....	..do.....	(Z)	(Z)		(D)	(D)
970099	All other materials, and components, parts, containers, and supplies consumed.....	.....	(X)	<sup>4</sup> 49.6		(X)	<sup>4</sup> 35.0
976000	Materials, parts, containers, and supplies, n.s.k. <sup>3</sup> .....	.....	(X)	52.9		(X)	15.3
	INDUSTRY 3842. --SURGICAL APPLIANCES AND SUPPLIES						
	Materials, parts, containers, and supplies, total .....	.....	(X)	266.5		(X)	175.8
209131	Cotton linters (net weight).....	Million lbs.....	(NA)	1.0		2.3	0.5
221101	Cotton broadwoven fabrics (piece goods).....	Million lin. yds.	(NA)	8.8		95.0	7.1
220149	Other broadwoven fabrics (piece goods).....	..do.....	(NA)	2.4		2.4	1.8
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	205.5		(X)	144.5
976000	Materials, parts, containers and supplies, n.s.k. <sup>3</sup> .....	.....	(X)	48.8		(X)	21.9

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. <sup>c</sup>From 10 to 30 percent of this figure was estimated.

<sup>1</sup>For 1963, material codes 331013 and 331017 are combined with code 331019 to avoid disclosing the operations of individual companies.

<sup>2</sup>No data are available for the quantities of castings, fractional horsepower electric motors, electron tubes or solid state semiconductors produced and consumed in the same establishment.

<sup>3</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

<sup>4</sup>Includes the cost of those materials for which the symbol "D" appears.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3861.--PHOTOGRAPHIC EQUIPMENT AND SUPPLIES					
	Materials, components, parts, containers, and supplies, total.....		(X)	1,013.2	(X)	482.7
	Mill shapes and forms (except castings)					
331001	Carbon steel.....	1,000 short tons.	18.7	5.3	25.3	7.4
331020	Alloy steel, except stainless.....	..do.....	5.1	1.2	3.0	4.0
331031	Stainless steel.....	..do.....	3.7	4.4		
335121	Copper and copper-base alloy.....	Million pounds...	1.4	0.8	0.9	0.5
335208	Aluminum and aluminum-base alloy.....	..do.....	6.8	3.9	(NA)	(NA)
333401	Aluminum and aluminum-base alloy refinery shape.....	1,000 short tons.	0.1	0.3	( <sup>1</sup> )	( <sup>1</sup> )
336100	Aluminum and aluminum-base alloy castings <sup>2</sup> .....	Million pounds...	(NA)	5.3	12.5	8.1
	Fractional horsepower electric motors (under 1 hp.): <sup>2</sup>					
362110	Timing motors, synchronous and subsynchronous.....	Millions of units	0.7	3.2	0.6	3.6
362115	Other fractional horsepower motors, excluding timing motors...	..do.....	1.8	5.4	0.4	1.8
367010	Electron tubes, except X-ray <sup>2</sup> .....	..do.....	0.3	0.9	0.2	0.4
367408	Solid state semiconductors <sup>2</sup> .....	..do.....	2.1	1.3	0.4	0.4
281997	Silver nitrate.....	Million ounces...	28.3	25.3	28.1	20.3
383101	Photographic and projection lens and prisms.....	..do.....	(X)	30.8	(X)	8.6
970099	All other materials, components, parts, containers, and supplies consumed.....		(X)	741.1	(X)	373.6
976000	Materials, parts, containers, and supplies, n.s.k. <sup>3</sup> .....		(X)	184.0	(X)	54.0
	INDUSTRY 3871.--WATCHES AND CLOCKS					
	Materials, parts, containers, and supplies, total.....		(X)	376.7	(X)	207.0
	Fractional horsepower electric motors: (under 1 hp.) <sup>4</sup>					
362110	Timing motors, synchronous and subsynchronous.....	Millions.....	3.1	4.4	1.1	2.0
362115	Other fractional horsepower electric motors (excluding timing motors).....	..do.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
	Watchcases: <sup>4</sup>					
	Mens' wristwatch cases:					
387200	Carat gold and platinum.....	..do.....	0.3	3.3	0.1	2.9
387201	Gold filled.....	..do.....	0.3	2.7	0.4	2.3
387202	Rolled gold plate and sterling silver (including rolled gold plate with steel back).....	..do.....	( <sup>1</sup> )	( <sup>1</sup> )	1.0	2.5
387203	Other metals.....	..do.....	10.0	9.3	2.8	4.8
	Women's wristwatch cases:					
387204	Carat gold and platinum.....	..do.....	0.2	3.6	0.2	4.1
387205	Gold filled.....	..do.....	0.3	1.7	0.4	1.2
387206	Rolled gold plate and sterling silver (including rolled gold plate with steel back).....	..do.....	1.5	3.8	2.5	5.5
387207	Other metals.....	..do.....	6.1	6.6	2.7	2.6
387208	Pocket and other watchcases (all qualities) <sup>4</sup> .....	..do.....	( <sup>1</sup> )	( <sup>1</sup> )	1.1	0.5
387158	Imported watch movements.....		(X)	87.6	(X)	46.2
970099	All other materials, components, parts, containers, and supplies consumed.....		(X)	208.7	(X)	103.3
976000	Materials, parts, containers, and supplies, n.s.k. <sup>3</sup> .....		(X)	45.0	(X)	29.1

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. <sup>c</sup>From 10 to 30 percent of this figure was estimated.

<sup>1</sup>Included with material code 970099, "All other materials and components, etc." to avoid disclosing figures for individual companies.

<sup>2</sup>No data are available for the quantities of aluminum and aluminum-base alloy castings, fractional horsepower electric motors, electron tubes, or solid state semiconductors produced and consumed in the same establishment.

<sup>3</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

<sup>4</sup>No data are available for quantities of fractional horsepower electric motors or watchcases produced and consumed in the same establishment.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3914.—SILVERWARE AND PLATED WARE					
	Materials, components, parts, containers, and supplies, total .....		(X)	133.1	(X)	97.4
	Mill shapes and forms:					
331001	Carbon steel.....	1,000 short tons..	27.5	25.4	1.4	0.3
331020	Alloy steel.....	..do.....				
331031	Stainless steel.....	..do.....				
335208	Aluminum and aluminum base alloy.....	Million lbs.....	(D)	(D)	(D)	(D)
335121	Copper and copper base alloy.....	..do.....	(D)	(D)	20.5	13.4
	Castings (rough and semifinished):					
336100	Aluminum and aluminum base alloy <sup>1</sup> .....	..do.....	(D)	(D)	(D)	(D)
336200	Copper and copper base alloy <sup>1</sup> .....	..do.....	0.5	0.5	0.6	0.4
333903	Precious metals, all forms, including ingot sheet, trip, solder, plating, electrodes, etc.....		(X)	41.6	(X)	24.5
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	57.2	(X)	34.4
976000	Materials, parts, containers, and supplies, n.s.k. <sup>2</sup> .....		(X)	8.4	(X)	6.9

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations.

No materials consumed data were collected for industries 3911, 3912, or 3913.

Standard notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (X) Not applicable. (NA) Not available. (Z) Under \$50 thousand.

<sup>1</sup>No data are available for the quantities of castings produced and consumed in the same establishment.

<sup>2</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this included estimates for companies that were not mailed report forms.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 3941.--GAMES AND TOYS						
	Materials, components, parts, containers, and supplies, total..		(X)	427.9	(X)	325.2
	Mill shapes and forms:					
331001	Carbon steel.....	1,000 short tons..	62.4	12.4	53.0	12.7
331020	Alloy steel.....	..do.....	10.4	4.0	(NA)	3.3
331031	Stainless steel.....	..do.....				
335208	Aluminum and aluminum-base alloy.....	Million lbs.....	3.5	1.1	0.3	0.2
335121	Copper and copper-base alloy.....	..do.....	0.5	0.4	0.6	0.4
282130	Thermoplastic resins including modified resins.....	..do.....	223.8	44.1	184.3	36.5
282140	Thermosetting resins.....	..do.....	10.3	2.2	13.1	2.7
220123	Broadwoven fabrics (cotton, wool, manmade fiber fabrics, etc.)..	Million lin. yds..	2.6	1.2	2.5	1.2
311100	Leather, finished.....	Million lbs.....	1.4	0.6	3.4	0.9
265001	Paperboard containers and boxes.....		(X)	46.4	(X)	38.8
362115	Fractional horsepower electric motors (under 1 hp.) (excluding timing motors) <sup>1</sup> .....	1,000 units.....	28,940.2	4.3	7397.0	2.6
970099	All other materials, components, parts, containers, and supplies consumed.....		(X)	232.5	(X)	183.6
976000	Materials, parts, containers, and supplies, n.s.k. <sup>2</sup> .....		(X)	78.7	(X)	42.3
INDUSTRY 3942.--DOLLS						
	Materials, components, parts, containers, and supplies, total		(X)	66.9	(X)	79.4
	Mill shapes and forms:					
331001	Carbon steel.....	1,000 short tons.	(NA)	0.2	1.5	0.4
331020	Alloy steel.....	..do.....				
331031	Stainless steel.....	..do.....	-	-	(3)	-
335208	Aluminum and aluminum-base alloy.....	Million lbs.....				
335121	Copper and copper-base alloy.....	..do.....	(3)	(3)	(3)	(3)
282130	Thermoplastic resins, including modified resins.....	Million lbs.....	12.5	3.1	15.6	4.9
282140	Thermosetting resins.....	..do.....	(3)	(3)	(3)	(3)
220123	Broadwoven fabrics (cotton, wool, manmade fiber fabrics, etc.)..	Million lin. yds.	(NA)	13.2	11.5	8.2
265001	Paperboard containers and boxes.....		(X)	3.1	(X)	6.4
362115	Fractional horsepower electric motors (under 1 hp.) (excluding timing motors) <sup>1</sup> .....	1,000.....	(3)	(3)	(3)	(3)
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	<sup>3</sup> 24.8	(X)	<sup>3</sup> 35.2
976000	Materials, parts, containers, and supplies, n.s.k. <sup>2</sup> .....		(X)	22.5	(X)	24.2
INDUSTRY 3943.--CHILDREN'S VEHICLES, EXCEPT BICYCLES						
	Materials, components, parts, containers, and supplies, total		(X)	35.9	(X)	39.0
	Mill shapes and forms:					
331001	Carbon steel.....	1,000 short tons.	51.9	10.9	38.1	7.7
331020	Alloy steel.....	..do.....				
331031	Stainless steel.....	..do.....	(3)	(3)	(3)	(3)
335208	Aluminum and aluminum-base alloy.....	Million lbs.....				
335121	Copper and copper-base alloy.....	..do.....	-	-	(3)	(3)
282130	Thermoplastic resins including modified resins.....	..do.....	(3)	(3)	(3)	(3)
282140	Thermosetting resins.....	..do.....	(3)	(3)	(3)	(3)
220123	Broadwoven fabrics (cotton, wool, manmade fiber fabrics, etc.)..	Million lin. yds.	(3)	(3)	1.3	0.8
311100	Leather, finished.....	Million lbs.....	(3)	(3)	(3)	(3)
265001	Paperboard containers and boxes.....		(X)	2.4	(X)	1.6
362115	Fractional horsepower electric motors (under 1 hp.) (excluding timing motors) <sup>1</sup> .....	1,000.....	-	-	(3)	(3)
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	19.1	(X)	19.9
976000	Materials, parts, containers, and supplies, n.s.k. <sup>2</sup> .....		(X)	3.5	(X)	9.1

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3949.—SPORTING AND ATHLETIC GOODS, N.E.C.					
	Materials, components, parts, containers, and supplies, total .....		(X)	357.5	(X)	293.4
	Mill shapes and forms:					
331001	Carbon steel.....	1,000 short tons.	70.4	18.6	78.1	15.7
331020	Alloy steel.....	...do.....	9.8	4.9	5.5	4.3
331031	Stainless steel.....	...do.....	2.0	2.1	1.5	1.9
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate and foil.....	Million lbs.....	4.1	2.0	9.4	5.1
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	...do.....	19.8	8.6		
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	...do.....	2.9	1.6		
335121	Copper and copper-base alloy.....	...do.....	3.1	2.6	2.4	2.0
336100	Aluminum and aluminum-base alloy castings <sup>1</sup> .....	...do.....	2.7	2.3	(NA)	(NA)
282130	Thermoplastic resins, including modified resins.....	...do.....	39.3	13.0	11.5	4.6
282140	Thermosetting resins.....	...do.....	10.6	3.2	6.4	2.3
220123	Broadwoven fabrics (cotton, wool, manmade fiber fabrics, etc.)...	Million lin. yds.	(NA)	8.2	17.5	9.0
311100	Leather, finished.....	Million lbs.....	9.6	11.9	8.2	14.3
265011	Paperboard containers and boxes.....	.....	(X)	9.9	(X)	9.0
362115	Fractional horsepower electric motors (under 1 hp.) (excluding timing motors) <sup>1</sup> .....	1,000.....	283.3	4.8	69.0	2.1
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	189.1	(X)	175.6
976000	Materials, parts, containers, and supplies, n.s.k. <sup>2</sup> .....	.....	(X)	74.7	(X)	47.6

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (Z) Under \$50 thousand.

<sup>1</sup>No data are available for the quantities of aluminum and aluminum-base alloy castings or fractional horsepower electric motors produced and consumed in the same establishment.

<sup>2</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

<sup>3</sup>Included with material code 970099, "All other materials and components, etc." to avoid disclosing figures for individual companies.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3996.--HARD-SURFACE FLOOR COVERING					
	Materials, containers, and supplies, total.....		(X)	83.8	(X)	76.0
149901	Asbestos, crude, including fiber.....	1,000 short tons.	( <sup>1</sup> )	( <sup>1</sup> )	21.6	1.6
209010	Vegetable oils, including crude and processed.....	Million lbs.....	( <sup>1</sup> )	( <sup>1</sup> )	34.7	2.9
282137	Vinyl and vinyl copolymer resins, all forms.....	...do.....	( <sup>1</sup> )	( <sup>1</sup> )	70.5	12.1
281012	Pigment, organic and inorganic.....	...do.....	29.6	5.1	27.4	6.5
970099	All other materials, parts, containers, and supplies.....		(X)	78.3	(X)	51.9
976000	Materials, containers, supplies, n.s.k. <sup>2</sup> .....		(X)	0.4	(X)	1.1
	INDUSTRY 3999.--MANUFACTURES, N.E.C.					
	Materials, parts, containers, and supplies, total.....		(X)	357.4	(X)	<sup>3</sup> 274.1
	Mill shapes and forms:					
331001	Carbon steel.....	1,000 short tons.	29.3	7.0	19.5	4.7
331020	Alloy steel.....	...do.....	7.4	3.7	4.7	2.0
331031	Stainless steel.....	...do.....	7.3	6.5	4.1	3.9
335208	Aluminum and aluminum-base alloy.....	Million lbs.....	5.9	3.7	3.6	2.2
335121	Copper and copper-base alloy.....	...do.....	11.1	8.5	3.9	3.0
336200	Copper and copper-base alloy castings (rough and semifinished) <sup>4</sup> .....	...do.....	3.7	3.5	4.0	2.2
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	164.4	(X)	115.3
976000	Materials, parts, containers, and supplies, n.s.k. <sup>2</sup> .....		(X)	160.1	(X)	<sup>3</sup> 140.8

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Included with material code 970099, "All other materials and components, etc." to avoid disclosing figures for individual companies.

<sup>2</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967 this includes estimates for companies that were not mailed report forms.

<sup>3</sup>Includes \$87.4 million cost of materials for establishments previously classified in industries relating to matches, candles, lamp shades, furs (dressed and dyed), and umbrellas, parasols and canes. These were separate industries for 1963 for which no detailed materials data were available.

<sup>4</sup>No data are available on the quantities of copper and copper-base alloy castings produced and consumed in the same establishment.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 3963.--BUTTONS						
	Materials, components, parts, containers and supplies, total. ....		(X)	31.0	(X)	33.3
	Mill shapes and forms:					
331001	Carbon steel.....	1,000 short tons.	1.4	0.4	1.5	0.4
331020	Alloy steel.....	..do.....	0.7	0.6	0.2	0.2
331031	Stainless steel.....	..do.....	}			
335208	Aluminum and aluminum-base alloy.....	Million pounds...		(NA)	0.4	(NA)
335121	Copper and copper-base alloy.....	..do.....	(NA)	3.5	(D)	(D)
970099	All other materials, and components, parts, containers, and supplies consumed.....		(X)	15.6	(X)	20.6
976000	Materials, etc., n.s.k. <sup>1</sup> .....		(X)	10.5	(X)	11.8
INDUSTRY 3964.--NEEDLES, PINS, AND FASTENERS						
	Materials, components, parts, containers and supplies, total. ....		(X)	153.6	(X)	131.1
	Mills shapes and forms:					
331001	Carbon steel.....	1,000 short tons.	29.7	8.7	28.0	8.6
331020	Alloy steel.....	..do.....	10.8	2.9	4.4	1.2
331031	Stainless steel.....	..do.....	1.3	2.1	0.7	1.2
335208	Aluminum and aluminum-base alloy.....	Million lbs.....	12.4	6.9	11.0	6.7
335121	Copper and copper-base alloy.....	..do.....	21.7	15.8	18.8	11.7
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	95.4	(X)	79.8
976000	Materials, etc., n.s.k. <sup>1</sup> .....		(X)	21.8	(X)	21.9

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. <sup>6</sup>From 10 to 30 percent of this figure was estimated.

<sup>1</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967 this includes estimates for companies that were not mailed report forms.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963			
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)		
	INDUSTRY 1929.--AMMUNITION, EXCEPT FOR SMALL ARMS-- Continued							
	Materials, parts, containers, and supplies--Continued							
	Mill shapes and forms (except castings)--Continued							
335728	Copper and copper-base alloy: Bare wire (for electrical conduction).....	Million pounds...	(D)	(D)	0.1	0.1		
335790	Insulated wire and cable.....	Million pounds (copper content)	(D)	(D)				
335102	Rod, bar, and mechanical wire including extruded and/or drawn shapes.....	Million pounds...	11.9	4.9	1.1	0.7		
335123	Plate, sheet, and strip, including military cups and discs....	..do.....	1.9	0.8	5.6	2.5		
335127	Pipe and tube.....	..do.....	(4)	(4)				
	Aluminum and aluminum-base alloy:							
335202	Sheet, plate, and foil.....	..do.....	11.1	6.0	3.3	1.7		
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.	..do.....	36.4	19.5	10.8	5.4		
335209	All other aluminum mill shapes and forms (wire, rolled rod, bar, powder, welded tubing, etc.).....	..do.....			32.2	19.8		
333401	Aluminum and aluminum-base alloy refinery shapes.....	1,000 short tons.	-	-	(D)	(D)		
999811	Iron and steel scrap (excluding home scrap).....	..do.....	-	-	(D)	(D)		
999808	Aluminum and aluminum-base alloy scrap (excluding home scrap)....	..do.....	(D)	(D)	(D)	(D)		
	Castings (rough and semifinished): <sup>1</sup>							
332011	Iron (gray and malleable).....	..do.....	12.4	7.6	4.6	1.0		
332300	Steel.....	..do.....	2.5	1.2	1.2	0.7		
336100	Aluminum and aluminum-base alloy.....	Million pounds...	5.1	7.8	0.5	0.5		
336200	Copper and copper-base alloy.....	..do.....	0.1	0.1	(1)	(1)		
	Forgings: <sup>1</sup>							
339100	Iron and steel forgings.....	1,000 short tons.	97.2	42.4	1.2	0.6		
339200	Aluminum and aluminum-base alloy forgings.....	Million pounds...	3.3	5.4	(D)	(D)		
	Fractional horsepower electric motors (under 1 hp.): <sup>1</sup>							
362110	Timing motors, synchronous and subsynchronous.....	1,000.....	(D)	(D)	(D)	(D)		
362115	Other fractional horsepower electric motors and generators, ex- cluding timing motors.....	..do.....	(D)	(D)	(D)	(D)		
	Bearings:							
356218	Ball.....	..do.....	(X)	(D)	(X)	0.1		
356228	Roller.....	..do.....						
970099	All other materials and components, parts, containers, and supplies consumed.....	..do.....	(X)	963.1	(X)	<sup>1</sup> 112.0		
976000	Materials, parts, containers and supplies, n.s.k. <sup>2</sup> .....	..do.....	(X)	84.4	(X)	4.6		
	INDUSTRY 1931.--TANKS AND TANK COMPONENTS							
	Materials, parts, containers, and supplies, total.....	..do.....	(X)	229.0	(X)	255.9		
	Mill shapes and forms (except castings):							
	Carbon steel:							
331011	Bars and bar shapes.....	1,000 tons.....	64.2	42.7	7.7	3.8		
331012	Sheet and strip.....	..do.....						
331013	Plates.....	..do.....						
331017	Wire and wire products.....	..do.....						
331019	All other carbon steel mill shapes and forms.....	..do.....						
	Alloy steel (except stainless):							
331021	Bars and bar shapes.....	..do.....	17.1	13.3	33.5	20.9		
331029	All other alloy steel mill shapes and forms.....	..do.....			0.2	0.4		
331031	Stainless steel.....	..do.....						
	Copper and copper-base alloy:							
335790	Insulated wire and cable.....	..do.....	(D)	(D)	(D)	(D)		
335102	Rod, bar, and mechanical wire including extruded and/or drawn shapes.....	Million lbs.....	0.2	0.2	(D)	(D)		
335127	Pipe and tube.....	..do.....			(D)	(D)		
	Aluminum and aluminum-base alloy:							
335202	Sheet plate and foil.....	..do.....	17.1	13.3	(D)	(D)		
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	..do.....			(D)	(D)		
335209	All other aluminum mill shapes and forms (wire, rolled rod, bar, powder, welded tubing, etc.).....	..do.....			(D)	(D)		
	Castings (rough and semifinished): <sup>1</sup>							
332011	Iron (gray and malleable).....	..do.....	(D)	(D)	(D)	(D)		
332300	Steel.....	1,000 tons.....	(D)	(D)	31.8	29.5		
336100	Aluminum and aluminum-base alloy.....	..do.....	(D)	(D)	(D)	(D)		

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 1931.--TANKS AND TANK COMPONENTS--Continued						
Material, parts, containers, and supplies--Continued						
Forgings: <sup>1</sup>						
339100	Iron and steel.....	1,000 tons.....	(D)	(D)	9.3	5.1
339200	Aluminum and aluminum-base alloy.....		(D)	(D)	(D)	(D)
Fractional horsepower electric motors and generators (under 1 hp.): <sup>1</sup>						
362115	Other fractional horsepower electric motors and generators, excluding timing motors.....		(D)	(D)	(D)	(D)
Bearings:						
356218	Ball.....		(D)	(D)	(X)	1.3
356228	Roller.....		(D)	(D)		
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	116.4	(X)	181.3
976000	Materials, parts, containers and supplies, n.s.k. <sup>2</sup> .....		(X)	56.4	(X)	13.6
INDUSTRY 1951.--SMALL ARMS						
Materials, parts, containers and supplies, total.....						
			(X)	148.9	(X)	39.7
Mill shapes and forms (except castings):						
Carbon steel:						
331011	Bars and bar shapes.....	1,000 short tons..	11.2	2.9	8.4	1.9
331012	Sheet and strip.....	do.....	3.6	1.0	4.9	1.8
331013	Plates.....	do.....	1.2	0.9	0.4	0.4
331017	Wire and wire products.....	do.....				
331019	All other carbon steel mill shapes and forms.....	do.....				
Alloy steel (except stainless):						
331021	Bar and bar shapes.....	do.....	4.2	2.2	5.5	2.0
331029	All other alloy steel mill shapes and forms.....	do.....	1.9	0.9		
331031	Stainless steel.....	do.....	0.6	0.8		
Copper and copper-base alloy:						
335728	Bare wire (for electrical conduction only).....	Million lbs.....	(D)	(D)	-	-
335790	Insulated wire and cable.....	Million lbs. (copper content).	(D)	(D)	-	-
335102	Rod, bar, and mechanical wire including extruded and/or drawn shapes.....	Million lbs.....	0.5	0.4	(D)	(D)
335123	Plate, sheet, and strip (including military cups and discs...	do.....			-	-
335127	Pipe and tube.....	do.....			-	-
Aluminum and aluminum-base alloy:						
335202	Sheet, plate, and foil.....	do.....	3.2	2.1	(NA)	0.1
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	do.....				
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, and welded tubing, etc.).....	do.....				
Castings (rough and semifinished): <sup>1</sup>						
332011	Iron (gray and malleable).....	1,000 short tons..	(NA)	6.8	1.6	0.8
332300	Steel.....				(D)	(D)
336100	Aluminum and aluminum-base alloy.....	Million lbs.....			0.6	0.3
Forgings: <sup>1</sup>						
339100	Iron and steel.....	1,000 short tons..	(D)	(D)	1.8	1.9
339200	Aluminum and aluminum-base alloy.....	Million lbs.....	(D)	(D)	(D)	(D)
Bearings:						
356218	Ball.....		(X)	1.0	(X)	(D)
356201	Roller.....		(X)	0.2	(X)	(D)
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	91.7	(X)	26.1
976000	Materials, parts, and supplies, n.s.k. <sup>2</sup> .....		(X)	38.0	(X)	4.3

See footnotes at end of table.



TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 1961.--SMALL ARMS AMMUNITION					
	Materials, parts, containers and supplies, total.....		(X)	311.7	(X)	79.7
	Mill shapes and forms (except castings):					
	Carbon steel:					
331017	Wire and wire products.....	1,000 short tons..	155.9	85.5	4.1	2.4
331012	Sheet and strip.....	..do.....				
331013	Plates.....	..do.....				
331011	Bar and bar shapes.....	..do.....				
331019	All other carbon steel mill shapes and forms.....	..do.....				
	Alloy steel (except stainless):					
331021	Bar and bar shapes.....	..do.....	203.5	110.9	{	{
331029	All other alloy steel mill shapes and forms.....	..do.....				
331031	Stainless steel.....	..do.....				
	Copper and copper-base alloy:					
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....				
335123	Plate, sheet, and strip, including military cups and discs...	..do.....			(D)	(D)
335127	Pipe and tube.....	..do.....			(D)	(D)
	Aluminum and aluminum base alloy:					
335202	Sheet, plate, and foil.....		(D)	(D)	(NA)	(NA)
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....		(D)	(D)	(NA)	(NA)
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, and welded tubing, etc.....)		(D)	(D)	(NA)	(NA)
	Bearings:					
356218	Ball.....		(D)	(D)	(D)	(D)
356228	Roller.....		(D)	(D)	(D)	(D)
970099	All other materials and components, parts, container, and supplies consumed.....		(X)	110.1	(X)	76.0
976000	Materials, parts, containers and supplies, n.s.k. <sup>2</sup> .....		(X)	5.2	(X)	1.3
	INDUSTRY 1911 AND 1999.--GUNS, HOWITZERS, AND MORTARS, AND ORD-NANCE AND ACCESSORIES, N.E.C.					
	Materials, parts, containers and supplies, total.....		(X)	245.4	(X)	103.0
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	23.5	5.5	2.6	0.5
331012	Sheet and strip.....	..do.....	14.2	2.7	16.3	2.2
331013	Plates.....	..do.....	46.4	8.5	6.6	1.4
331015	Structural shapes.....	..do.....				
331017	Wire and wire products.....	..do.....				
331019	All other carbon steel mill shapes and forms.....	..do.....				
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	..do.....	5.9	3.7	{	{
331029	All other alloy steel mill shapes and forms.....	..do.....				
331031	Stainless steel.....	..do.....				
	Copper and copper-base alloy:					
335728	Bare wire for electrical conduction.....	Million lbs.....				
335790	Insulated wire and cable, copper content only.....	Million lbs. (copper content)	(D)	(D)	(D)	(D)
335102	Rod, bar, and mechanical wire including extruded and/or drawn shapes.....	Million lbs.....	0.3	0.3	(D)	(D)
335123	Plate sheet, and strip (including military cups and discs)...	..do.....	0.2	0.2	(D)	(D)
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	..do.....	4.4	4.0	1.3	0.9
335205	Extruded shapes including extruded rod, bar, pipe, tube, etc.	..do.....	10.4	6.7	1.9	1.1
335209	All other aluminum mill shapes and forms (wire, rolled rod, bar, powder, welded tubing, etc.).....	..do.....				
999811	Iron and steel purchased scrap.....	1,000 short tons.				

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 1911 AND 1999.--GUNS, HOWITZERS, AND MORTARS, AND ORD- NANCE AND ACCESSORIES, N.E.C.--Continued					
	Materials, parts, containers and supplies--Continued					
	Castings (rough and semifinished): <sup>1</sup>					
332011	Iron (gray and malleable).....	...do.....	(D)	(D)	(D)	(D)
332300	Steel.....	...do.....	3.6	2.6	(D)	(D)
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	7.8	6.9	1.1	0.6
336200	Copper and copper-base alloy.....	...do.....	(D)	(D)	(D)	(D)
	Forgings: <sup>1</sup>					
339100	Iron and steel forgings.....	1,000 short tons.	2.2	4.5	0.7	1.2
339200	Aluminum and aluminum-base alloy forgings.....	Million lbs.....	(NA)	0.4	(D)	(D)
	Fractional horsepower electric motor and generators (under 1 hp.): <sup>1</sup>					
362110	Timing motors, synchronous and subsynchronous.....	Millions.....	(D)	(D)	-	-
362115	Other fractional horsepower electric motors and generators excluding timing motors.....	...do.....	(D)	(D)	(D)	(D)
	Bearings:					
356218	Ball.....	.....	(D)	(D)	(X)	(D)
356228	Roller.....	.....	-	-	(X)	(D)
970099	All other materials and components, parts, containers and sup- plies consumed.....	.....	(X)	154.1	(X)	92.1
976000	Materials, parts, and supplies, n.s.k. <sup>2</sup> .....	.....	(X)	43.9	(X)	1.7

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. <sup>1</sup>From 10 to 30 percent of this figure was estimated.

<sup>2</sup>No data are available for the quantities of castings, forgings or electric motors and generators produced and consumed in the same establishment.

<sup>3</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

<sup>4</sup>These figures are understated by approximately 70 million because of apparent undercoverage of carbon pipe and tube.

<sup>5</sup>Included with material code 970099, "All other material and components, etc."



TABLE 7B. Fuels and Electric Energy Consumed: 1967

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Meat packing plants (SIC 2011)	Sausages and other prepared meats (SIC 2013)	Poultry dressing plants (SIC 2015)
	Cost of purchased fuels and electric energy, total....	Million dollars.	56.7	16.3	18.0
	Cost of purchased fuels, total.....	...do.....	28.5	7.2	6.4
121005	Coal (anthracite, bituminous, and lignite):				
	Quantity.....	1,000 s. tons...	562	25	12
	Cost.....	Million dollars.	4.1	0.2	0.1
331212 } 331213 }	Coke, screenings, and breeze:				
	Quantity.....	1,000 s. tons...	-	-	-
	Cost.....	Million dollars.	-	-	-
	Fuel oil, total:				
	Quantity.....	1,000 barrels...	1,055	491	438
	Cost.....	Million dollars.	3.9	1.6	1.9
291141	Distillate:				
	Quantity.....	1,000 barrels...	442	184	262
	Cost.....	Million dollars.	1.9	0.8	1.4
291151	Residual:				
	Quantity.....	1,000 barrels...	613	307	176
	Cost.....	Million dollars.	2.0	0.8	0.5
131300 } 331217 } 331218 } 291104 }	Gas (natural, manufactured mixed, blast-furnace, coke-oven, and other gas):				
	Quantity.....	Million cu. ft..	34,391	5,311	6,700
	Cost.....	Million dollars.	11.7	2.8	2.9
291111 } 960011 } 960013 } 960017 }	Other fuels (gasoline, LPG, wood, etc.).....	...do.....	3.8	0.6	0.4
	Fuels, n.s.k.....	...do.....	5.0	2.0	1.1
	Purchased electric energy:				
	Quantity.....	Million kw.-hrs.	2,503	646	863
	Cost.....	Million dollars.	28.2	9.1	11.6
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs.	-	-	-
	Total energy used for heat and power <sup>1</sup> .....	Million kw.-hrs. equivalent.....	23,128	4,718	4,820

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available.

<sup>1</sup>Represents the quantity of purchased electric energy and the kilowatt-hours equivalent of all fuels used for heat and power.

TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Creamery butter (SIC 2021)	Cheese, natural and processed (SIC 2022)	Condensed and evaporated milk (SIC 2023)	Fluid milk (SIC 2026)
	Cost of purchased fuels and electric energy, total....	Million dollars.	10.4	12.3	15.2	66.5
	Cost of purchased fuels, total.....	....do.....	6.7	7.3	10.4	27.2
121005	Coal (anthracite, bituminous, and lignite):					
	Quantity.....	1,000 short tons	22.0	78.0	273.8	91.1
	Cost.....	Million dollars.	0.3	0.8	2.4	0.8
331212 331213	Coke, screenings, and breeze:					
	Quantity.....	1,000 short tons	-	-	-	-
	Cost.....	Million dollars.	-	-	-	-
	Fuel oil, total:					
	Quantity.....	1,000 barrels...	261.8	382.7	329.4	1,323.0
	Cost.....	Million dollars.	0.9	1.7	1.1	5.1
291141	Distillate:					
	Quantity.....	1,000 barrels...	75.6	201.2	160.4	811.4
	Cost.....	Million dollars.	0.3	1.0	0.6	3.5
291151	Residual:					
	Quantity.....	1,000 barrels...	186.2	181.5	169.0	511.6
	Cost.....	Million dollars.	0.6	0.7	0.5	1.6
131300 331217 331218 291104	Gas (natural, manufactured mixed, blast-furnace, coke-oven, and other gas):					
	Quantity.....	Million cu. ft..	8,495.1	6,142.7	11,435.7	17,489.7
	Cost.....	Million dollars.	3.5	2.7	4.7	8.8
291111 960011 960013 960017	Other fuels (gasoline, LPG, wood, etc.).....	....do.....	-	-	-	0.2
	Fuels, n.s.k.....	....do.....	2.0	2.1	2.2	12.3
960012	Purchased electric energy:					
	Quantity.....	Million kw.-hrs.	217.9	330.6	331.3	2,509.4
	Cost.....	Million dollars.	3.7	5.0	4.8	39.3
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs.	7.7	1.4	30.1	1.7
	Total energy used for heat and power <sup>1</sup> .....	Million kw.-hrs. equiv.....	4,725.1	2,962.8	7,903.8	18,789.4

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.



TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Canned specialties (SIC 2032)	Canned fruits and vegetables (SIC 2033)	Frozen fruits and vegetables (SIC 2037)
	Cost of purchased fuels and electric energy, total...	Million dollars.	9.5	32.0	25.4
121005	Cost of purchased fuels, total.....	Million dollars.	6.3	20.4	9.9
	Coal (anthracite, bituminous, and lignite):				
	Quantity.....	1,000 short tons	26.2	-	6
	Cost.....	Million dollars.	1.9	-	0.1
331212 } 331213 }	Coke, screenings, and breeze:				
	Quantity.....	1,000 short tons	(D)	-	-
	Cost.....	Million dollars.	(D)	-	-
	Fuel oil, total:				
	Quantity.....	1,000 barrels...	561	148	896
	Cost.....	Million dollars.	1.5	4.6	2.8
291141	Distillate:				
	Quantity.....	1,000 barrels...	74	713	233
	Cost.....	Million dollars.	0.3	2.3	0.9
291151	Residual:				
	Quantity.....	1,000 barrels...	487	768	663
	Cost.....	Million dollars.	1.2	2.3	1.9
131300 } 331217 } 331218 } 291104 }	Gas (natural, manufactured mixed, blast-furnace, coke-oven, and other gas):				
	Quantity.....	Million cu. ft..	4,008	23,447	10,319
	Cost.....	Million dollars.	2.1	10.4	4.4
291111 } 960011 } 960013 } 960017 }	Other fuels (gasoline, LPG, wood, etc.).....	...do.....	(D)	1.2	0.6
	Fuels, n.s.k.....	...do.....	0.4	4.2	2.0
	Purchased electric energy:				
	Quantity.....	Million kw.-hrs.	310	863	1,387
	Cost.....	Million dollars.	3.2	11.6	15.5
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs.	42	1	19
	Total energy used for heat and power <sup>1</sup> .....	Million hw.-hrs. equivalent.....	4,564	10,700	6,253

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.

TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Flour and other grain mill products (SIC 2041)	Prepared feeds for animals and fowls (SIC 2042)	Wet corn milling (SIC 2046)
	Cost of purchased fuels and electric energy, total....	Million dollars.	15.8	40.7	20.3
	Cost of purchased fuels, total.....	...do.....	2.8	17.7	15.5
121005	Coal (anthracite, bituminous, and lignite):				
	Quantity.....	1,000 short tons	(X)	112	1,630
	Cost.....	Million dollars.	(X)	0.8	9.8
331212	Coke, screenings, and breeze:				
331213					
	Quantity.....	1,000 short tons	(X)	-	-
	Cost.....	Million dollars.	(X)	-	-
	Fuel oil, total:				
	Quantity.....	1,000 barrels...	(X)	610	107
	Cost.....	Million dollars.	(X)	2.5	0.3
291141	Distillate:				
	Quantity.....	1,000 barrels...	(X)	332	(D)
	Cost.....	Million dollars.	(X)	1.7	(D)
291151	Residual:				
	Quantity.....	1,000 barrels...	(X)	278	(D)
	Cost.....	Million dollars.	(X)	0.8	(D)
131300	Gas (natural, manufactured mixed, blast-furnace, coke-oven, and other gas):				
331217					
331218					
291104	Quantity.....	Million cu. ft..	(X)	22,637	14,650
	Cost.....	Million dollars.	(X)	8.2	5.3
291111	Other fuels (gasoline, LPG, wood, etc.).....				
960011		...do.....	(X)	1.3	-
960013					
960017		Fuels, n.s.k.....	(X)	4.9	0.1
960012	Purchased electric energy:				
	Quantity.....	Million kw.-hrs.	1,229	1,557	496
	Cost.....	Million dollars.	13.0	23.0	4.8
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs.	20	(S)	872
	Total energy used for heat and power <sup>1</sup> .....	Million kw.-hrs. equivalent.....	4,581	13,742	17,711

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the figure did not meet publication standards.

<sup>1</sup>Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.



TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Bread, cake, and related products (SIC 2051)	Cookies and crackers (SIC 2052)
	Cost of purchased fuels and electric energy, total....	Million dollars.	44.2	8.8
	Cost of purchased fuels, total.....	...do.....	24.0	4.6
121005	Coal (anthracite, bituminous, and lignite):			
	Quantity.....	1,000 short tons	10	-
	Cost.....	Million dollars.	0.1	-
331212	Coke, screenings, and breeze:			
331213				
	Quantity.....	1,000 short tons	-	-
	Cost.....	Million dollars.	-	-
	Fuel oil, total:			
	Quantity.....	1,000 barrels...	1,289	162
	Cost.....	Million dollars.	4.8	0.5
291141	Distillate:			
	Quantity.....	1,000 barrels...	965	43
	Cost.....	Million dollars.	3.8	0.2
291151	Residual:			
	Quantity.....	1,000 barrels...	324	119
	Cost.....	Million dollars.	1.0	0.3
131300	Gas (natural, manufactured mixed, blast-furnace, coke-oven, and other gas):			
331217				
331218				
291104				
	Quantity.....	Million cu. ft..	20,786	5,953
	Cost.....	Million dollars.	12.2	3.3
291111	Other fuels (gasoline, LPG, wood, etc.).....			
960011		...do.....	2.1	0.5
960013				
960017		Fuels, n.s.k.....	4.8	0.3
	Purchased electric energy:			
960012	Quantity.....	Million kw.-hrs.	1,435	403
	Cost.....	Million dollars.	20.2	4.2
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs.	(D)	(D)
	Total energy used for heat and power <sup>1</sup> .....	Million kw.-hrs.	13,882.1	2,925.6

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Represents the quantity of purchased electric energy and the kilowatt-hours equivalent of all fuels used for heat and power.

TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Raw cane sugar (SIC 2061)	Cane sugar refining (SIC 2062)	Eet sugar (SIC 2063)	Confectionery products (SIC 2071)	Chocolate and cocoa products (SIC 2072)	Chewing gum (SIC 2073)
	Cost of purchased fuels and electric energy, total...	Million dollars.	6.3	12.3	22.1	13.2	4.7	1.4
121005	Cost of purchased fuels, total.....	Million dollars.	4.7	11.5	20.6	5.1	2.0	0.5
	Coal (anthracite, bituminous, and lignite):							
	Quantity.....	1,000 short tons	-	(D)	1,013	57	(D)	-
	Cost.....	Million dollars.	-	(D)	7.1	0.4	(D)	-
331212 331213	Coke, screenings, and breeze:							
	Quantity.....	1,000 short tons	-	-	(D)	-	-	-
	Cost.....	Million dollars.	-	-	(D)	-	-	-
	Fuel oil, total:							
	Quantity.....	1,000 barrels...	517	(D)	(D)	375	(D)	133
	Cost.....	Million dollars.	1.8	(D)	(D)	1.2	(D)	0.2
291141	Distillate:							
	Quantity.....	1,000 barrels...	241	1,200	198	97	50	94
	Cost.....	Million dollars.	0.9	2.8	0.6	0.4	0.2	0.1
291151	Residual:							
	Quantity.....	1,000 barrels...	276	(D)	(D)	278	(D)	39
	Cost.....	Million dollars.	0.9	(D)	(D)	0.8	(D)	0.1
131300 331217 331218 291104	Gas (natural, manufactured mixed, blast-furnace, coke-oven, and other gas):							
	Quantity.....	Million cu. ft..	7,301	19,712	29,377	3,948	501	178
	Cost.....	Million dollars.	1.9	5.7	10.3	2.1	0.4	0.1
291111 960011 960013 960017	Other fuels (gasoline, LPG, wood, etc.).....	Million dollars.	-	-	-	-	-	-
	Fuels, n.s.k.....	Million dollars.	1.0	0.9	0.3	1.4	0.1	0.2
960012	Purchased electric energy:							
	Quantity.....	Million kw.-hrs.	105	68	110	612	268	76
	Cost.....	Million dollars.	1.6	0.8	1.5	8.1	2.7	0.9
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs.	370	305	260	12	12	-
	Total energy used for heat and power <sup>1</sup> .....	Million kw.-hrs. equivalent.....	3,149	9,158	21,217	2,683	1,868	323

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.



TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Malt liquors (SIC 2982)	Malt (SIC 2083)	Distilled liquor, except brandy (SIC 2085)	Bottled and canned soft drinks (SIC 2086)
	Cost of purchased fuels and electric energy, total....	Million dollars..	24.3	6.1	10.1	23.6
121005	Cost of purchased fuels, total.....	...do.....	13.8	3.9	7.2	11.8
	Coal (anthracite, bituminous, and lignite):					
	Quantity.....	1,000 short tons.	330.0	10.0	621.0	21.0
	Cost.....	Million dollars..	2.5	0.1	3.9	0.2
331212 331213	Coke, screenings, and breeze:					
	Quantity.....	1,000 short tons.	-	-	-	-
	Cost.....	Million dollars..	-	-	-	-
	Fuel oil, total:					
	Quantity.....	1,000 barrels....	1,197.0	31.0	395.0	548.0
	Cost.....	Million dollars..	3.3	0.1	0.9	2.7
291141	Distillate:					
	Quantity.....	1,000 barrels....	153.0	(D)	(D)	343.0
	Cost.....	Million dollars..	0.5	(D)	(D)	1.7
291151	Residual:					
	Quantity.....	1,000 barrels....	1,044.0	(D)	(D)	205.0
	Cost.....	Million dollars..	2.8	(D)	(D)	1.0
131300 331217 331218 291104	Gas (natural, manufactured mixed, blast-furnace, coke-oven, and other gas):					
	Quantity.....	Million cu. ft....	18,437.0	7,141.0	2 473.0	5,516.0
	Cost.....	Million dollars..	6.8	3.6	0.9	3.6
291111 960011 960013 960017	Other fuels (gasoline, LPG, wood, etc.).....	...do.....	1.2	0.1	1.5	5.3
	Fuels, n.s.k.....	...do.....	-	-	-	-
	Purchased electric energy:					
	Quantity.....	Million kw.-hrs..	1,011.0	196.0	212.0	595.0
	Cost.....	Million dollars..	10.5	2.2	2.9	11.8
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs..	186.0	8.0	4.0	-
	Total energy used for heat and power <sup>1</sup> .....	Million kw.-hrs equivalent.....	11,911.0	2,517.0	7,752.0	7,997.0

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.

TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Soybean oil mills (SIC 2092)	Animal and marine fats and oils (SIC 2094)	Shortening and cooking oils (SIC 2096)
	Cost of purchased fuels and electric energy, total....	Million dollars..	18.9	17.0	14.3
121005	Cost of purchased fuels, total.....	...do.....	10.4	11.3	9.0
	Coal (anthracite, bituminous, and lignite):				
	Quantity.....	1,000 short tons.	516.1	138.0	166.0
	Cost.....	Million dollars..	3.5	1.1	1.1
331212	Coke, screenings, and breeze:				
331213	Quantity.....	1,000 short tons.	(D)	-	-
	Cost.....	Million dollars..	(D)	-	-
	Fuel oil, total:				
	Quantity.....	1,000 barrels....	251.1	893.0	863.0
	Cost.....	Million dollars..	0.9	2.6	2.0
291141	Distillate:				
	Quantity.....	1,000 barrels....	101.4	352.0	177.0
	Cost.....	Million dollars..	0.4	1.2	0.4
291151	Residual:				
	Quantity.....	1,000 barrels....	149.8	541.0	686.0
	Cost.....	Million dollars..	0.5	1.4	1.6
131300	Gas (natural, manufactured mixed, blast- furnace, coke-oven, and other gas):				
331217					
331218					
291104	Quantity.....	Million cu. ft...	12,976.5	11,341.0	14,592.0
	Cost.....	Million dollars..	4.3	4.3	4.6
291111	Other fuels (gasoline, LPG, wood, etc.).....	...do.....	(D)	1.0	0.7
960011					
960013					
960017	Fuels, n.s.k. <sup>1</sup> .....	...do.....	1.4	2.3	0.6
960012	Purchased electric energy:				
	Quantity.....	Million kw.-hrs..	856.7	362.0	522.0
	Cost.....	Million dollars..	8.5	5.7	5.3
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs..	30.2	5.0	4.0
	Total energy used for heat and power.....	Million kw.-hrs. equivalent.....	10,277.3	8,108.0	8,293.0

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Under \$50 thousand (or under 50 employees).

<sup>1</sup>This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.



TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Roasted coffee (SIC 2095)	Food preparations, n.e.c. (SIC 2099)
	Cost of purchased fuels and electric energy, total....	Million dollars..	6.6	20.6
121005	Cost of purchased fuels, total.....	...do.....	3.5	11.0
	Coal (anthracite, bituminous, and lignite):			
	Quantity.....	1,000 short tons.	-	169.0
	Cost.....	Million dollars..	-	1.2
	Fuel oil, total:			
	Quantity.....	1,000 barrels....	-	416.0
	Cost.....	Million dollars..	-	1.6
291141	Distillate:			
	Quantity.....	1,000 barrels....	-	214.0
	Cost.....	Million dollars..	-	0.9
291151	Residual:			
	Quantity.....	1,000 barrels....	-	202.0
	Cost.....	Million dollars..	-	0.7
331217	Gas (natural, manufactured mixed, blast-			
331218	furnace, coke-oven, and other gas):			
291104	Quantity.....	Million cu. ft...	-	9,035.0
	Cost.....	Million dollars..	-	5.1
291111	Other fuels (gasoline, LPG, wood, etc.).....	...do.....	-	0.9
960011				
960013				
960017	Fuels, n.s.k.....	...do.....	3.5	2.2
960012	Purchased electric energy:			
	Quantity.....	Million kw.-hrs..	264.0	680.0
	Cost.....	Million dollars..	3.1	9.6
	Total energy used for heat and power <sup>1</sup> .....	Million kw.-hrs. equivalent.....	2,511.0	7,035.0

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.

TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Cigarettes (SIC 2111)	Cigars (SIC 2121)	Chewing and smoking tobacco (SIC 2131)	Tobacco stemming and redrying (SIC 2141)
	Cost of purchased fuels and electric energy, total....	Million dollars.	7.5	1.6	0.7	5.1
	Cost of purchased fuels, total.....	...do.....	3.8	0.4	0.4	2.5
121005	Coal (anthracite, bituminous, and lignite):					
	Quantity.....	1,000 tons.....	267.3	2.7	11.5	67.1
	Cost.....	Million dollars.	2.4	(Z)	0.1	0.6
	Fuel oil, total:					
	Quantity.....	1,000 barrels...	191.9	48.8	20.7	225.9
	Cost.....	Million dollars.	0.6	0.2	0.1	0.7
291141	Distillate:					
	Quantity.....	1,000 barrels...	135.7	21.1	10.9	91.0
	Cost.....	Million dollars.	0.4	0.1	(Z)	0.3
291151	Residual:					
	Quantity.....	1,000 barrels...	56.2	27.7	9.8	134.9
	Cost.....	Million dollars.	0.2	0.1	(Z)	0.4
131300	Gas (natural, manufactured mixed, blast-furnace, coke-oven, and other gas):					
331217						
331218						
291104	Quantity.....	Million cu. ft..	1,379.4	150.0	87.4	928.4
	Cost.....	Million dollars.	0.8	0.1	0.1	0.5
291111	Other fuels (gasoline, LPG, wood, etc.).....	...do.....	-	-		0.7
960011						
960013						
960017	Fuels, n.s.k.....	...do.....	-	-		
	Purchased electric energy:					
	Quantity.....	Million kw.-hrs.	418.3	93.4	17.3	208.3
	Cost.....	Million dollars.	3.7	1.2	0.3	2.6
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs.	111.2	-	1.6	0.1
	Total energy used for heat and power.....	Million kw.-hrs. equivalent.....	3,335.0	247.1	170.6	1,408.7

Standard notes: -Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Less than \$50 thousand dollars.

<sup>1</sup>Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.



TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Weaving mills, cotton (SIC 2211)	Weaving mills, synthetics (SIC 2221)	Weaving and finishing mills, wool (SIC 2231)	Narrow fabric mills (SIC 2241)
	Cost of purchased fuels and electric energy, total....	Million dollars.	63.7	35.4	16.5	5.3
121005	Cost of purchased fuels, total.....	...do.....	12.9	8.6	8.1	2.0
	Coal (anthracite, bituminous, and lignite):					
	Quantity.....	1,000 short tons	502.8	282.5	130.9	-
	Cost.....	Million dollars.	4.6	2.4	1.3	-
	Fuel oil, total:					
	Quantity.....	1,000 barrels...	496.2	639.9	1,027.4	4.5
	Cost.....	Million dollars.	1.5	1.9	2.6	(Z)
291141	Distillate:					
	Quantity.....	1,000 barrels...	173.5	273.9	258.1	4.5
	Cost.....	Million dollars.	0.6	0.9	0.8	(Z)
291151	Residual:					
	Quantity.....	1,000 barrels...	322.7	366.0	769.3	-
	Cost.....	Million dollars.	0.9	1.0	1.8	-
131300 331217 331218 291104	Gas (natural, manufactured mixed, blast furnace, coke-oven, and other gas):					
		Quantity.....	15,119.8	4,664.7	2,463.5	-
	Cost.....	Million dollars.	5.4	2.1	1.2	-
291111 960011 960013 960017	Other fuels (gasoline, LPG, wood, etc.).....	...do.....	0.2	0.2	0.3	(Z)
		Fuels, n.s.k.....	1.2	2.0	2.7	1.9
	Purchased electric energy:					
	Quantity.....	Million kw.-hrs..	6,871.9	3,498.1	824.4	243.3
	Cost.....	Million dollars..	50.8	26.8	8.4	3.3
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs..	216.0	19.4	43.5	0.7
	Total energy used for heat and power <sup>1</sup> .....	...do.....	17,076.6	8,139.2	6,351.5	1,497.9

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.

TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Women's hosiery, except socks (SIC 2251)	Knit outerwear mills (SIC 2253)	Knit fabric mills (SIC 2256)
	Cost of purchased fuels and electric energy, total...	Million dollars.	8.3	7.3	14.4
121005	Cost of purchased fuels, total.....	Million dollars.	3.0	3.3	6.8
	Coal (anthracite, bituminous, and lignite):				
	Quantity.....	1,000 short tons	(X)	(X)	27.0
	Cost.....	Million dollars.	(X)	(X)	0.3
331212 331213	Coke, screenings, and breeze:				
	Quantity.....	1,000 short tons	(X)	(X)	-
	Cost.....	Million dollars.	(X)	(X)	-
	Fuel oil, total:				
	Quantity.....	1,000 barrels...	(X)	(X)	727.7
	Cost.....	Million dollars.	(X)	(X)	2.2
291141	Distillate:				
	Quantity.....	1,000 barrels...	(X)	(X)	130.3
	Cost.....	Million dollars.	(X)	(X)	0.5
291151	Residual:				
	Quantity.....	1,000 barrels...	(X)	(X)	597.4
	Cost.....	Million dollars.	(X)	(X)	1.7
131300 331217 331218 291104	Gas (natural, manufactured mixed, blast-furnace coke-oven, and other gas):				
	Quantity.....	Million cu.ft...	(X)	(X)	2,706.0
	Cost.....	Million dollars.	(X)	(X)	1.5
291111 960011 960013 960017	Other fuels (gasoline, LPG, wood, etc.).....	...do.....	(X)	(X)	0.3
	Fuels, n.s.k.....	...do.....	(X)	(X)	2.5
	Purchased electric energy:				
	Quantity.....	Million kw.-hrs.	530.6	240.3	628.0
	Cost.....	Million dollars.	5.3	4.0	7.6
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs.	(X)	(X)	(X)
	Total energy used for heat and power <sup>1</sup> .....	Million kw.-hrs. equivalent.....	(X)	(X)	4,681.0

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.



TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Finishing plants, cotton (SIC 2261)	Finishing plants, synthetic (SIC 2262)	Finishing plants, n.e.c. (SIC 2269)
	Cost of purchased fuels and electric energy, total....	Million dollars.	21.9	18.7	6.1
121005	Cost of purchased fuels, total.....	Million dollars.	16.5	12.8	3.3
	Coal (anthracite, bituminous, and lignite)				
	Quantity.....	1,000 short tons	619.3	159.7	30.1
	Cost.....	Million dollars.	5.4	1.6	0.3
	Fuel oil, total:				
	Quantity.....	1,000 barrels...	1,075.8	1,527.7	388.9
	Cost.....	Million dollars.	2.7	3.9	0.9
291141	Distillate:				
	Quantity.....	1,000 barrels...	328.0	150.2	140.0
	Cost.....	Million dollars.	0.9	0.6	0.2
291151	Residual:				
	Quantity.....	1,000 barrels...	747.6	1,377.5	245.7
	Cost.....	Million dollars.	1.8	3.3	0.7
131300	Gas (natural, manufactured mixed, blast-furnace, coke-oven, and other gas):				
331217					
331218					
291104	Quantity.....	Million cu. ft..	10,830.7	5,248.8	2,164.1
	Cost.....	Million dollars.	5.3	3.5	1.0
291111	Other fuels (gasoline, LPG, wood, etc.).....	...do.....	0.6	0.4	0.4
960011					
960013					
960017	Fuels, NSK.....	...do.....	2.5	3.4	0.7
	Purchased electric energy:				
	Quantity.....	Million kw.-hrs.	540.7	514.3	239.7
	Cost.....	Million dollars.	5.4	5.9	2.8
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs.	189.2	13.2	-
	Total energy used for heat and power <sup>1</sup> .....	Million kw.-hrs.	12,227.5	8,331.7	2,419.2

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.

TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See Appendix, Explanation of Terms)

Item	Unit of measure	Industry
		Tufted rugs and carpets (SIC 2272)
Cost of purchased fuels and electric energy, total.....	Million dollars	10.2
Cost of purchased fuels, total.....	...do.....	6.1
Purchased electric energy:		
Quantity.....	Million kw.-hrs.	388.5
Cost.....	Million dollars	4.1
Quantity of electric energy generated less quantity sold....	Million kw.-hrs.	6.1
Total energy used for heat and power <sup>1</sup> .....	Million kw.-hrs. equivalent	4,487.5

<sup>1</sup>Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.

TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See Appendix, Explanation of Terms)

Item	Unit of measure	Yarn mills, except wool (SIC 2281)	Throwing and winding mills (SIC 2282)	Wool yarn mills (SIC 2283)	Thread mills (SIC 2284)
Cost of purchased fuels and electric energy, total.....	Million dollars..	24.5	7.6	4.2	4.0
Cost of purchased fuels, total.....	...do.....	3.0	1.3	1.1	1.4
Purchased electric energy:					
Quantity.....	Million kw.-hrs..	2,691.0	579.6	286.0	304.2
Cost.....	Million dollars..	21.5	6.3	3.1	2.6
Quantity of electric energy generated less quantity sold.....	Million kw.-hrs..	5.9	(D)	(D)	(D)
Total energy used for heat and power <sup>1</sup> .....	Million kw.-hrs. equivalent.....	4,628.5	1,739.7	978.2	1,206.9

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms, for discussion of items.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.



TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Coated fabrics, not rubberized (SIC 2295)	Tire cord and fabric (SIC 2296)
	Cost of purchased fuels and electric energy, total....	Million dollars..	7.2	4.3
	Cost of purchased fuels, total.....	...do.....	3.5	0.7
121005	Coal (anthracite, bituminous, and lignite):			
	Quantity.....	1,000 short tons.	44.9	13.2
	Cost.....	Million dollars..	0.6	0.1
331212	Coke, screenings, and breeze:			
331213	Quantity.....	1,000 short tons.	-	-
	Cost.....	Million dollars..	-	-
	Fuel oil, total:			
	Quantity.....	1,000 barrels....	-	3.2
	Cost.....	Million dollars..	-	(Z)
291141	Distillate:			
	Quantity.....	1,000 barrels....	87.3	2.6
	Cost.....	Million dollars..	0.3	(Z)
291151	Residual:			
	Quantity.....	1,000 barrels....	306.4	0.6
	Cost.....	Million dollars..	0.8	(Z)
131300	Gas (natural, manufactured mixed, blast-furnace, coke-oven, and other gas):			
331217				
331218				
291104				
	Quantity.....	Million cu. ft...	1,805.2	968.1
	Cost.....	Million dollars..	1.4	0.4
291111	Other fuels (gasoline, LPG, wood, etc.).....			
960011		...do.....	(Z)	(Z)
960013				
960017				
	Fuels, n.s.k.....	...do.....	0.5	(Z)
	Purchased electric energy:			
	Quantity.....	Million kw.-hrs..	294.0	482.6
	Cost.....	Million dollars..	3.7	3.6
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs..	4.8	-
	Total energy used for heat and power <sup>1</sup> .....	Million kw.-hrs. equivalent.....	2,209.8	923.6

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Under \$50 thousand.

<sup>1</sup>Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.

TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Logging camps and contractors (SIC 2411)	Sawmills and planing mills (SIC 2421)	Hardwood dimension and flooring (SIC 2426)
	Cost of purchased fuels and electric energy, total....	Million dollars.	43.1	77.0	6.2
	Cost of purchased fuels, total.....	...do.....	41.0	39.1	2.0
121005	Coal (anthracite, bituminous, and lignite):				
	Quantity.....	1,000 short tons	(S)	41.0	(NA)
	Cost.....	Million dollars.	(S)	.3	(NA)
	Fuels oil, total:				
	Quantity.....	1,000 barrels...	1,032.2	1,295.5	(NA)
	Cost.....	Million dollars.	6.5	7.3	(NA)
291141	Distillate:				
	Quantity.....	1,000 barrels...	845.5	862.8	(NA)
	Cost.....	Million dollars.	5.3	5.7	(NA)
291151	Residual:				
	Quantity.....	1,000 barrels...	186.7	432.7	(NA)
	Cost.....	Million dollars.	1.2	1.6	(NA)
131300	Gas (natural, manufactured mixed, blast-furnace, coke-oven, and other gas):				
	Quantity.....	Million cu. ft..	3,549.2	16,077.1	(NA)
	Cost.....	Million dollars.	1.0	4.8	(NA)
960011	Other fuels (gasoline, LPG, wood, etc.).....	...do.....	3.1	7.7	(NA)
	Fuels, n.s.k.....	...do.....	30.3	18.9	(NA)
	Purchased electric energy:				
	Quantity.....	Million kw.-hrs.	126.6	3,276.4	270.1
	Cost.....	Million dollars.	2.1	37.9	4.2
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs.	-	243.0	(NA)
	Total energy used for heat and power <sup>1</sup> .....	Million kw.-hrs. equivalent.....	13,508.3	18,636.5	(NA)

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See Appendix, Explanation of Terms)

Item	Unit of measure	Men's and boys' suits and coats (SIC 2311)
Cost of purchased fuels and electric energy, total.....	Million dollars.	7.5
Cost of purchased fuels, total.....	...do.....	2.8
Purchased electric energy:		
Quantity.....	Million kw.hrs..	270.1
Cost.....	Million dollars.	4.7

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.



TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Millwork plants (SIC 2431)	Veneer and plywood (SIC 2432)
	Cost of purchased fuels and electric energy, total....	Million dollars..	11.4	26.8
	Cost of purchased fuels, total.....do....	.....do....	3.2	11.5
121005	Coal (anthracite, bituminous, and lignite):			
	Quantity.....	1,000 short tons	(NA)	45.5
	Cost.....	Million dollars.	(NA)	0.4
	Fuel oil, total:			
	Quantity.....	1,000 barrels...	(NA)	346.6
	Cost.....	Million dollars.	(NA)	1.3
291141	Distillate:			
	Quantity.....	1,000 barrels...	(NA)	133.2
	Cost.....	Million dollars.	(NA)	0.6
291151	Residual:			
	Quantity.....	1,000 barrels...	(NA)	213.4
	Cost.....	Million dollars.	(NA)	0.7
	Furnace, coke-oven, and other gas):			
	Quantity.....	Million cu. ft..	(NA)	8,084.4
	Cost.....	Million dollars.	(NA)	5.7
960011	Other fuels (gasoline, LPG (wood, etc.).....	.....do....	(NA)	2.4
	Fuels, n.s.k.....	.....do....	3.0	1.8
	Purchased electric energy:			
	Quantity.....	Million kw.-hrs.	486.7	1,569.1
	Cost.....	Million dollars.	8.2	15.3
	Quantity of electric energy generated less quantity sold.....	Million kw.hrs..	9.5	92.5
	Total energy used for heat and power <sup>1</sup> .....	Million kw.hrs. equivalent.....	1,789.5	6,100.2

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available.  
 (D) Withheld to avoid disclosing figures for individual companies.  
<sup>1</sup>Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Wood preserving (SIC 2491)	Wood products, n.e.c. (SIC 2499)
	Cost of purchased fuels and electric energy, total....	Million dollars.	6.0	24.8
121005	Cost of purchased fuels, total.....	...do.....	4.3	10.7
	Coal (anthracite, bituminous, and lignite):			
	Quantity.....	1,000 short tons	57.5	109.8
	Cost.....	Million dollars.	.4	1.1
	Fuel oil, total:			
	Quantity.....	1,000 barrels...	281.4	552.2
	Cost.....	Million dollars.	1.0	2.0
291141	Distillate:			
	Quantity.....	1,000 barrels...	172.1	413.2
	Cost.....	Million dollars.	.7	1.5
291151	Residual:			
	Quantity.....	1,000 barrels...	109.3	139.0
	Cost.....	Million dollars.	.3	.5
131300	Gas (natural, manufactured mixed, blastfurnace, coke-oven, and other gas):			
	Quantity.....	Million cu. ft..	6,184.2	13,919.7
	Cost.....	Million dollars.	2.0	4.8
960011	Other fuels (gasoline, LPG, wood, etc.) .....	...do.....	.4	.9
	Fuels, n.s.k.....	...do.....	.5	2.1
	Purchased electric energy:			
	Quantity.....	Million kw.-hrs.	94.7	1,138.4
	Cost.....	Million dollars.	1.7	14.1
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs.	.2	276.5
	Total energy used for heat and power <sup>1</sup> .....	Million kw.-hrs. equivalent.....	3,150.2	8,280.8

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms, for discussion of items.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.

TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Wood household furniture (SIC 2511)
	Cost of purchased fuels and electric energy, total....	Million dollars.	21.2
121005	Cost of purchased fuels, total.....	...do.....	6.3
121005	Coal (anthracite, bituminous, and lignite):.....	1,000 short tons	198.1
	Quantity.....	Million dollars.	1.7
	Cost.....		
	Fuel oil, total:		
	Quantity.....	1,000 barrels...	251.0
	Cost.....	Million dollars.	1.1
291141	Distillate:		
	Quantity.....	1,000 barrels...	102.9
	Cost.....	Million dollars.	.5
291151	Residual:		
	Quantity.....	1,000 barrels...	148.1
	Cost.....	Million dollars.	.6
131300	Gas (natural, manufactured mixed, blast-furance, coke-oven, and other gas):		
	Quantity.....	Million cu. ft..	1,699.4
	Cost.....	Million dollars.	1.1
96001	Other fuels (gasoline, LPG, wood, etc.....)	...do.....	.3
	Fuels, n.s.k.....	...do.....	2.2
	Purchased electric energy:		
	Quantity.....	Million kw.-hrs.	1,049.1
	Cost.....	Million dollars.	14.9
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs.	46.4
	Total energy used for heat and power <sup>1</sup> .....	Million kw.-hrs. equivalent.....	4,758.9

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available.

(D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.



TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Pulpmills (SIC 2611)	Papermills, except building (SIC 2621)	Paperboard mills (SIC 2631)	Building paper and board mills (SIC 2661)
	Cost of purchased fuels and electric energy, total.....	Million dollars..	36.9	248.0	172.3	23.4
121005	Cost of purchased fuels, total.....	...do.....	26.9	155.6	133.4	12.1
	Coal (anthracite, bituminous, and lignite):					
	Quantity.....	1,000 short tons.	(D)	7,458.0	4,879.6	375.0
	Cost.....	Million dollars..	(D)	605	38.0	3.0
331212	Coke, screenings, and breeze:					
331213	Quantity.....	1,000 short tons.	-	(D)	-	-
	Cost.....	Million dollars..	-	(D)	-	-
	Fuel oil, total:					
	Quantity.....	1,000 barrels....	(D)	16,620.3	16,691.4	791.2
	Cost.....	Million dollars..	(D)	39.1	37.2	2.0
291141	Distillate:					
	Quantity.....	1,000 barrels....	(D)	3,464.0	5,139.6	84.6
	Cost.....	Million dollars..	(D)	8.4	12.0	0.4
291151	Residual:					
	Quantity.....	1,000 barrels....	4,427.6	13,156.3	11,551.8	706.6
	Cost.....	Million dollars..	9.7	30.7	25.2	1.6
131300	Gas (natural, manufactured mixed, blast-					
331217	furnace, coke-oven, and other gas):					
331218	Quantity.....	Million cu. ft....	28,475.6	132,305.5	144,469.7	15,270.4
291104	Cost.....	Million dollars..	10.0	40.0	40.4	5.1
291111	Other fuels (gasoline, LPG, wood, etc.).....	...do.....	3.1	7.1	8.2	1.3
960011	Fuels, n.s.k.....	...do.....	21	(D)	9.6	0.7
	Purchased electric energy:					
	Quantity.....	Million kw.-hrs..	1,859.6	12,776.9	5,294.3	1,357.2
	Cost.....	Million dollars..	10.0	92.4	38.9	11.3
	Quantity of electric energy generated less					
	quantity sold.....	Million kw.-hrs..	1,605.5	11,770.1	9,507.8	75.0
	Total energy used for heat and power <sup>1</sup> .....	Million kw.-hrs. equivalent.....	22,336.7	148,941.6	125,938.3	11,101.0

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. In some cases figures which are otherwise publishable are withheld to avoid indirect disclosure by subtraction from higher-level totals or from related figures.

<sup>1</sup>Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.

TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Paper coating and glazing (SIC 2641)
	Cost of purchased fuels and electric energy, total....	Million dollars.	14.2
	Cost of purchased fuels, total.....	....do.....	6.6
121005	Coal (anthracite, bituminous, and lignite):		
	Quantity.....	1,000 short tons	71.6
	Cost.....	Million dollars.	0.7
	Fuel oil, total:		
	Quantity.....	1,000 barrels...	524.2
	Cost.....	Million dollars.	1.7
291141	Distillate:		
	Quantity.....	1,000 barrels...	299.5
	Cost.....	Million dollars.	1.1
291151	Residual:		
	Quantity.....	1,000 barrels...	224.7
	Cost.....	Million dollars.	0.6
131300	Gas (natural, manufactured mixed, blast-furnace, coke-oven, and other gas):		
	Quantity.....	Million cu. ft..	3,948.4
	Cost.....	Million dollars.	2.4
960011	Other fuels (gasoline, LPG, wood, etc.).....	...do.....	0.7
960013			
975000	Fuels, n.s.k.....	...do.....	1.1
976000			
	Purchased electric energy:		
960012	Quantity.....	Million kw.-hrs.	689.9
	Cost.....	Million dollars.	7.6
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs.	4.1
	Total energy used for heat and power <sup>1</sup> .....	Million kw.-hrs. equivalent.....	4,265.5

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available.  
(D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.

TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Corrugated and solid fiber boxes (SIC 2653)
	Cost of purchased fuels and electric energy, total....	Million dollars..	25.6
	Cost of purchased fuels, total.....	...do.....	12.5
121005	Coal (anthracite, bituminous, and lignite):		
	Quantity.....	1,000 short tons.	55.5
	Cost.....	Million dollars..	0.4
	Fuel oil, total:		
	Quantity.....	1,000 barrels....	1,133.2
	Cost.....	Million dollars..	3.5
291141	Distillate:		
	Quantity.....	1,000 barrels....	442.2
	Cost.....	Million dollars..	1.6
291151	Residual:		
	Quantity.....	1,000 barrels....	691.0
	Cost.....	Million dollars..	1.9
131300	Gas (natural, manufactured mixed, blast-furnace, coke-oven, and other gas):		
	Quantity.....	Million cu. ft...	11,296.3
	Cost.....	Million dollars..	6.2
	Other fuels (gasoline, LPG, wood, etc.)	...do.....	0.9
975000	Fuels, n.s.k.....	...do.....	1.5
976000		...do.....	1.5
	Purchased electric energy:		
	Quantity.....	Million kw.-hrs..	994.4
	Cost.....	Million dollars..	13.1
960012	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs..	24.6
	Total energy used for heat and power <sup>1</sup> .....	Million kw.-hrs. equivalent.....	8,272.4

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Less than \$50 thousand.

<sup>1</sup>Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.



TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Newspapers (SIC 2711)	Periodicals (SIC 2721)	Book publishing (SIC 2731)	Book printing (SIC 2732)	Miscellaneous publishing (SIC 2741)
	Cost of purchased fuels and electric energy, total....	Million dollars..	32.3	6.1	3.2	6.3	1.9
121005	Cost of purchased fuels, total.....	...do.....	7.1	1.6	0.9	1.7	0.4
	Coal (anthracite, bituminous, and lignite):						
	Quantity.....	1,000 short tons.	1.5	-	-	5.1	-
	Cost.....	Million dollars..	(Z)	-	-	-	-
	Fuel oil, total:						
	Quantity.....	1,000 barrels....	220.7	-	-	147.4	-
	Cost.....	Million dollars..	0.8	-	-	0.6	-
291141	Distillate:						
	Quantity.....	1,000 barrels....	142.4	1.5	-	58.2	-
	Cost.....	Million dollars..	0.6	-	-	0.3	-
291151	Residual:						
	Quantity.....	1,000 barrels....	78.3	-	-	89.2	-
	Cost.....	Million dollars..	0.2	-	-	0.3	-
131300	Gas (natural, manufactured mixed, blast- furnace, coke-oven, and other gas):						
	Quantity.....	Million cu. ft...	3,167.1	18.5	-	756.3	20.6
	Cost.....	Million dollars..	2.3	-	-	0.6	-
960011	Other fuels (gasoline, LPG, wood, etc.).....	...do.....	1.5	0.1	-	0.2	-
975000- 976000	Fuels, n.s.k.....	...do.....	2.6	1.6	0.9	0.4	0.4
960012	Purchased electric energy:						
	Quantity.....	Million kw.-hrs..	1,724.7	245.4	121.8	301.5	78.6
	Cost.....	Million dollars..	25.2	4.5	2.3	4.6	1.5
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs..	0.7	0.6	-	-	0.1
	Total energy used for heat and power <sup>1</sup> .....	Million kw.-hrs. equivalent.....	4,505.2	902.5	503.9	1,028.4	244.1

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms, for discussion of items.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Less than \$50 thousand.

<sup>1</sup>Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.

TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Printing, except lithographic (SIC 2751)	Printing, lithographic (SIC 2752)
	Cost of purchased fuels and electric energy, total..	Million dollars.	27.0	23.2
121005	Cost of purchased fuels, total.....	Million dollars.	8.9	6.6
	Coal (anthracite, bituminous, and lignite):			
	Quantity.....	1,000 short tons	10.4	15.6
	Cost.....	Million dollars.	.1	.1
	Fuel oil, total:			
	Quantity.....	1,000 barrels...	494.0	211.9
	Cost.....	Million dollars.	1.7	.8
291141	Distillate:			
	Quantity.....	1,000 barrels...	211.1	111.9
	Cost.....	Million dollars.	.9	.5
291151	Residual:			
	Quantity.....	1,000 barrels...	282.9	100.0
	Cost.....	Million dollars.	.8	.3
131300	Gas (natural, manufactured mixed, blast-furnace, coke-oven, and other gas):			
	Quantity.....	Million cu. ft..	6,674.5	3,457.3
	Cost.....	Million dollars.	3.8	2.5
960011	Other fuels (gasoline, LPG, wood, etc.).....	...do.....	.7	.5
975000	Fuels, n.s.k.....	...do.....	2.6	2.7
	Purchased electric energy:			
960012	Quantity.....	Million kw.-hrs.	1,436.5	922.2
	Cost.....	Million dollars.	18.1	16.6
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs.	.9	4.6
	Total energy used for heat and power <sup>1</sup> .....	Million kw.-hrs. equivalent.....	5,610.1	3,657.8

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Represents the quantity of purchased electric energy and the kilowatt-hours equivalent of all fuels used for heat and power.

TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Alkalies and chlorine (SIC 2812)	Industrial gases (SIC 2813)	Cyclic intermediates and crudes (SIC 2815)	Inorganic pigments (SIC 2816)	Industrial organic chemicals, n.e.c. (SIC 2818)	Industrial inorganic chemicals, n.e.c. (SIC 2819)
	Cost of purchased fuels and electric energy, total....	Million dollars.	96.0	63.6	54.1	21.7	263.6	339.7
121005	Cost of purchased fuels, total.....	...do.....	45.2	12.1	33.2	15.4	180.5	121.4
	Coal (anthracite, bituminous, and lignite):							
	Quantity.....	1,000 short tons	2,991.8	(D)	1,103.1	386.0	4,392.8	1,959.1
	Cost.....	Million dollars.	18.5	(D)	7.8	3.6	33.7	13.7
	Fuel oil, total:							
	Quantity.....	1,000 barrels...	628.1	243.4	1,986.5	1,499.3	2,680.8	2,761.9
	Cost.....	Million dollars.	1.8	1.0	5.0	3.6	7.1	8.3
291141	Distillate:							
	Quantity.....	1,000 barrels...	191.7	62.9	310.6	215.3	1,168.2	962.1
	Cost.....	Million dollars.	0.8	0.3	1.1	0.9	3.5	3.9
291151	Residual:							
	Quantity.....	1,000 barrels...	436.4	180.5	1,675.9	1,284.0	1,512.6	1,799.8
	Cost.....	Million dollars.	1.0	0.7	3.9	2.7	3.6	4.4
131300	Gas (natural, manufactured mixed, blast-furnace, coke-oven, and other gas):							
	Quantity.....	Million cu. ft..	44,258.8	18,924.9	33,151.2	13,653.3	551,568.8	339,998.4
	Cost.....	Million dollars.	12.0	6.8	15.0	5.6	108.8	89.7
	Other fuels (gasoline, LPG, wood, etc.).....	...do.....	5.3	1.4	(Z)	0.3	1.7	2.7
	Fuels, n.s.k.....	...do.....	7.6	2.9	5.4	2.3	29.2	7.0
	Purchased electric energy:							
	Quantity.....	Million kw.-hrs.	9,298.0	6,776.4	2,574.0	673.4	13,378.0	44,070.3
	Cost.....	Million dollars.	50.8	51.5	20.9	6.3	83.1	218.3
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs.	3,021.0	274.0	168.9	192.0	11,385.6	2,693.4
	Total energy used for heat and power <sup>1</sup> .....	Million kw.-hrs. equivalent....	58,280.6	17,821.3	30,206.0	13,019.9	247,468.2	177,257.1

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) The standard error of the estimate is greater than zero but less than 1 percent.

<sup>1</sup>Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.



TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Plastics materials and resins (SIC 2821)	Synthetic rubber (SIC 2822)	Cellulosic manmade fibers (SIC 2823)	Organic fibers, noncellulosic (SIC 2824)
	Cost of purchased fuels and electric energy, total....	Million dollars.	70.1	24.4	28.8	41.3
121005	Cost of purchased fuels, total.....	...do.....	35.5	13.6	25.1	25.1
	Coal (anthracite, bituminous, and lignite):					
	Quantity.....	1,000 short tons	1,434.0	283.9	3,299.6	1,784.7
	Cost.....	Million dollars.	10.4	1.4	21.4	13.2
331213	Coke, screenings, and breeze:					
	Quantity.....	1,000 short tons	(Z)	-	-	-
	Cost.....	Million dollars.	(Z)	-	-	-
	Fuel oil total:					
	Quantity.....	1,000 barrels...	3,166.6	44.6	120.0	756.7
	Cost.....	Million dollars.	7.9	0.1	0.4	2.4
291141	Distillate:					
	Quantity.....	1,000 barrels...	1,697.5	(D)	(D)	330.3
	Cost.....	Million dollars.	4.6	(D)	(D)	1.3
291151	Residual:					
	Quantity.....	1,000 barrels...	1,469.1	(D)	(D)	426.4
	Cost.....	Million dollars.	3.3	(D)	(D)	1.1
131300	Gas (natural, manufactured mixed, blast furnace, coke-oven, and other gas):					
	Quantity.....	Million cu. ft..	33,848.9	36,251.1	9,702.4	25,865.8
	Cost.....	Million dollars.	11.3	9.1	3.3	8.4
960013	Other fuels (gasoline, LPG, wood, etc.).....	...do.....	2.8	2.4	(Z)	1.0
	Fuels, n.s.k.....	...do.....	3.1	0.6	-	0.1
	Purchased electric energy:					
	Quantity.....	Million kw.-hrs.	4,367.6	1,570.4	472.7	2,539.2
	Cost.....	Million dollars.	34.6	10.8	3.7	16.2
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs.	442.3	-	1,713.7	1,002.4
	Total energy used for heat and power <sup>1</sup> .....	Million kw.hrs. equivalent.....	34,682.8	15,832.0	30,667.9	26,722.7

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Under \$50 thousand.

<sup>1</sup>Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.

TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Industry		
			Biological products (SIC 2831)	Medicinals and Botanicals (SIC 2831)	Pharmaceutical preparations (SIC 2834)
	Cost of purchased fuels and electric energy, total....	Million dollars.	2.0	8.5	25.8
121005	Cost of purchased fuels, total.....	Million dollars.	.7	5.5	10.6
	Coal (anthracite, bituminous, and lignite):				
	Quantity.....	1,000 short tons	-	150.3	305.9
	Cost.....	Million dollars.	-	1.2	2.5
	Fuel oil, total:				
	Quantity.....	1,000 barrels...	50.9	1,249.8	1,314.0
	Cost.....	Million dollars.	.2	3.4	3.5
291141	Distillate:				
	Quantity.....	1,000 barrels	27.8	1,047.6	226.0
	Cost.....	Million dollars.	.1	2.9	.8
291151	Residual:				
	Quantity.....	1,000 barrels...	23.1	202.5	1,088.0
	Cost.....	Million dollars.	.1	.5	2.7
131300	Gas (natural, manufactured mixed, blast furnace, coke-oven, and other gas):				
	Quantity.....	Million cub. ft.	730.6	1,288.0	6,641.2
	Cost.....	Million dollars.	.4	.6	2.9
960011	Other fuels (gasoline, LPG, wood, etc.).....	Million dollars.	-	.2	1.1
	Fuels, NSK.....	Million dollars.	.1	.1	.6
	Purchased electric energy:				
	Quantity.....	Million kw-hrs..	95.3	316.7	1,474.2
	Cost.....	Million dollars.	1.3	3.0	15.2
	Quantity of electric energy generated less quantity sold.....	Million kw-hrs..	-	41.4	115.7
	Total energy used for heat and power <sup>1</sup> .....	Million kw-hrs equivalent.....	505.2	4,204.4	9,126.0

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See appendix, Explanation of Terms.

Standard notes: - Represent zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.

TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Soap and other detergents (SIC 2841)
	Cost of purchased fuels and electric energy, total...	Million dollars.	14.6
	Cost of purchased fuels, total.....do....	.....do....	9.1
121005	Coal (anthracite, bituminous, and lignite):		
	Quantity.....	1,000 short tons	167.8
	Cost.....	Million dollars.	2.0
	Fuel oil, total:		
	Quantity.....	1,000 barrels...	769.4
	Cost.....	Million dollars.	2.0
291141	Distillate:		
	Quantity.....	1,000 barrels...	215.7
	Cost.....	Million dollars.	0.6
291151	Residual:		
	Quantity.....	1,000 barrels...	553.7
	Cost.....	Million dollars.	1.4
131300	Gas (natural, manufactured mixed, blast-furnace, coke-oven, and other gas):		
	Quantity.....	Million cu. ft..	10,297.5
	Cost.....	Million dollars.	4.9
960013	Other fuels (gasoline, LPG, wood, etc.).....	.....do....	0.1
	Fuels, n.s.k.....	.....do....	-
	Purchased electric energy:		
	Quantity.....	Million kw.-hrs.	468.4
	Cost.....	Million dollars.	5.5
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs.	43.4
	Total energy used for heat and power <sup>1</sup> .....	Million kw.-hrs. equivalent.....	5,884.5

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available.

(D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.



TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Paints and allied products (SIC 2851)	Gum and wood chemicals (SIC 2861)
	Cost of purchased fuels and electric energy, total...	Million dollars.	17.6	8.2
121005	Cost of purchased fuels, total.....	...do.....	7.8	6.5
	Coal (anthracite, bituminous, and lignite):			
	Quantity.....	1,000 short tons	19	21
	Cost.....	Million dollars.	.2	.2
	Fuel oil, total:			
	Quantity.....	1,000 barrels...	443	192
	Cost.....	Million dollars.	1.6	.8
291141	Distillate:			
	Quantity.....	1,000 barrels...	310	91
	Cost.....	Million dollars.	1.2	.4
291151	Residual:			
	Quantity.....	1,000 barrels...	133	101
	Cost.....	Million dollars.	.4	.4
131300	Gas (natural, manufactured mixed, blast-furnace, coke-oven, and other gas):			
	Quantity.....	Million cubic ft.	4,702	5,268
	Cost.....	Million dollars.	2.8	1.8
960011	Other fuels (gasoline, LPG, wood, etc.).....	...do.....	.6	3.7
	Fuels, n.s.k.....	...do.....	2.6	-
	Purchased electric energy:			
	Quantity.....	Million kw.-hrs.	623	130
	Cost.....	Million dollars.	9.8	1.7
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs.	-	65
	Total energy used for heat and power <sup>1</sup> .....	Million kw.-hrs.	5,645	2,964

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.

TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Fertilizers (SIC 2871)	Fertilizers mixing only (SIC 2872)
	Cost of purchased fuels and electric energy, total....	Million dollars.	31.1	5.5
	Cost of purchased fuels, total.....	...do.....	13.4	2.6
	Fuel oil, total:			
	Quantity.....	1,000 barrels...	507.2	82.6
	Cost.....	Million dollars.	1.5	0.4
291141	Distilled:			
	Quantity.....	1,000 barrels...	210.2	71.7
	Cost.....	Million dollars.	0.8	0.4
291151	Residual:			
	Quantity.....	1,000 barrels...	297.0	10.8
	Cost.....	Million dollars.	0.7	0.1
131300	Gas (natural):			
	Quantity.....	Million cu. ft..	26,323.6	2,494.0
	Cost.....	Million dollars.	8.8	0.8
	Other fuels (gasoline, LPG, wood, etc.).....	Million dollars.	2.0	0.4
	Fuels, NSK.....	Million dollars.	1.1	0.9
	Purchased electric energy:			
	Quantity.....	Million kw.-hrs.	2,153.0	140.9
	Cost.....	Million dollars.	17.7	2.9
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs.	58.5	-
	Total energy used for heat and power <sup>1</sup> .....	Million kw.-hrs equivalent.....	13,277.1	2,063.6

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations

Standard notes: - Represents zero.

<sup>1</sup>Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.

TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Adhesives and gelatin (SIC 2891)	Explosives (SIC 2892)	Carbon black (SIC 2895)	Chemical preparations, n.e.c. (SIC 2899)
	Cost of purchased fuels and electric energy, total....	Million dollars.	6.8	17.7	6.1	19.5
	Cost of purchased fuels, total.....	do.....	4.6	11.5	2.8	13.4
121005	Coal (anthracite, bituminous, and lignite):					
	Quantity.....	1,000 short tons	136.2	701.1	-	516.5
	Cost.....	Million dollars.	1.1	5.3	-	3.5
331212 331213	Coke, screenings, and breeze:					
	Quantity.....	1,000 short tons	-	(Z)	-	-
	Cost.....	Million dollars.	-	(Z)	-	-
	Fuel oil, total:					
	Quantity.....	1,000 barrels...	772.1	335.8	-	610.3
	Cost.....	Million dollars.	1.9	1.3	-	1.7
291141	Distillate:					
	Quantity.....	1,000 barrels...	257.0	282.0	-	203.0
	Cost.....	Million dollars.	0.7	1.2	-	0.7
291151	Residual:					
	Quantity.....	1,000 barrels...	515.1	53.8	-	407.3
	Cost.....	Million dollars.	1.2	0.1	-	1.0
131300 291104	Gas (natural, manufactured mixed, blast-furnace, coke-oven, and other gas):					
	Quantity.....	Million cu. ft..	1,203.1	1,724.2	15,317.9	11,098.4
	Cost.....	Million dollars.	0.6	0.7	2.7	4.1
291111 960011 960013 960017	Other fuels (gasoline, LPG, wood, etc.).....	do.....	0.4	2.1	(Z)	0.8
	Fuels, n.s.k.....	do.....	0.6	2.1	0.1	3.3
	Purchased electric energy:					
	Quantity.....	Million kw.-hrs.	146.9	626.6	364.4	496.8
	Cost.....	Million dollars.	2.2	6.2	3.3	6.1
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs.	34.8	8.0	0.7	111.9
	Total energy used for heat and power <sup>1</sup> .....	Million kw.-hrs. equivalent.....	3,641.9	9,580.1	5,109.6	12,425.6

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: -Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Less than \$50 thousand dollars.



TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Petroleum refining (SIC 2911)	Paving mixtures and blocks (SIC 2951)	Asphalt felts and coatings (SIC 2952)
	Cost of purchased fuels and electric energy, total....	Million dollars.	416.9	23.3	11.8
	Cost of purchased fuels, total.....	...do.....	294.1	16.5	8.4
121005	Coal (anthracite, bituminous, and lignite):				
	Quantity.....	1,000 short tons	776.9	-	88.7
	Cost.....	Million dollars.	4.3	-	.7
	Fuel oil, total:				
	Quantity.....	1,000 barrels...	7,263.1	2,384.2	795.1
	Cost.....	Million dollars.	14.8	6.8	2.0
291141	Distillate:				
	Quantity.....	1,000 barrels...	354.5	1,869.2	167.1
	Cost.....	Million dollars.	.8	5.0	.5
291151	Residual:				
	Quantity.....	1,000 barrels...	6,908.6	515.0	628.0
	Cost.....	Million dollars.	14.0	1.8	1.5
131300	Gas (natural, manufactured mixed, blast-furnace, coke-oven, and other gas):				
	Quantity.....	Million cu. ft..	1,119,854.8	8,288.2	8,557.0
	Cost.....	Million dollars.	254.4	3.8	2.9
960013	Other fuels (gasoline, LPG, wood, etc.).....	...do.....	8.5	1.1	.6
	Fuels, n.s.k.....	...do.....	12.1	4.8	2.0
	Purchased electric energy:				
	Quantity.....	Million kw.hrs..	17,474.0	352.2	25.9
	Cost.....	Million dollars.	122.8	6.8	3.4
	Quantity of electric energy generated less quantity sold.....	Million kw.hrs..	4,088.0	.1	.6
	Total energy used for heat and power <sup>1</sup> .....	Million kw.hrs. equivalent.....	394,495.5	12,890.4	7,468.5

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.

TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Tires and inner tubes (SIC 3011)	Fabricated rubber products, n.e.c. (SIC 3069)	Miscellaneous plastics products (SIC 3079)
	Cost of purchased fuels and electric energy, total....	Million dollars..	40.7	44.9	83.4
121005	Cost of purchased fuels, total.....	...do.....	16.2	18.1	21.8
	Coal (anthracite, bituminous, and lignite):				
	Quantity.....	1,000 short tons.	1,266.2	522.1	94.3
	Cost.....	Million dollars..	8.1	4.3	1.2
331212	Fuel oil, total:				
	Quantity.....	1,000 barrels....	584.0	1,528.8	1,329.3
	Cost.....	Million dollars..	1.6	4.2	4.4
291141	Distillate:				
	Quantity.....	1,000 barrels....	218.8	395.4	524.1
	Cost.....	Million dollars..	0.6	1.6	2.2
291151	Residual:				
	Quantity.....	1,000 barrels....	365.2	1,133.4	805.2
	Cost.....	Million dollars..	1.0	2.7	2.2
131300 331217 331218 291104	Gas (natural, manufactured mixed, blast-furnace, coke-oven, and other gas):	Quantity.....	15,569.8	9,087.4	14,786.9
		Cost.....	5.4	5.3	9.3
291111 960011 960013 960017	Other fuels (gasoline, LPG, wood, etc.).....	...do.....	0.1	0.8	0.8
		Fuels.....	1.0	3.7	6.2
	Purchased electric energy:				
	Quantity.....	Million kw.-hrs..	2,674.5	2,237.0	7,418.4
	Cost.....	Million dollars..	24.5	26.8	61.6
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs..	514.6	63.9	3.8
	Total energy used for heat and power <sup>1</sup> .....	Million kw.-hrs. equivalent.....	20,483.8	17,464.8	22,157.8

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.

TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Flat glass (SIC 3211)	Glass containers (SIC 3221)	Pressed and blown glass n.e.c. (SIC 3229)	Products of purchased glass (SIC 3231)
	Cost of purchased fuels and electric energy, total....	Million dollars..	28.7	65.5	37.3	9.2
121005	Cost of purchased fuels, total.....	...do.....	20.7	45.7	27.1	4.6
	Coal (anthracite, bituminous, and lignite):					
	Quantity.....	1,000 short tons.	(D)	(D)	13.4	31.3
	Cost.....	Million dollars..	(D)	(D)	.1	.1
	Fuel oil, total:					
	Quantity.....	1,000 barrels....	(D)	1,419.6	478.1	70.6
	Cost.....	Million dollars..	(D)	4.2	.9	.2
291141	Distillate:					
	Quantity.....	1,000 barrels....	(D)	263.4	112.2	29.0
	Cost.....	Million dollars..	(D)	1.2	.5	.1
291151	Residual:					
	Quantity.....	1,000 barrels....	(D)	1,156.2	365.9	41.6
	Cost.....	Million dollars..	(D)	3.0	.4	.1
131300	Gas (natural, manufactured mixed, blast furnace, coke-oven, and other gas):					
	Quantity.....	Million cub. ft..	36,607.3	94,602.5	47,599.3	4,522.6
	Cost.....	Million dollars..	16.4	39.7	21.9	2.5
960011	Other fuels (gasoline, LPG, wood, etc.).....	...do.....	(D)	.8	1.5	.1
	Fuels, n.s.k.....	...do.....	(D)	(D)	2.7	1.7
	Purchased electric energy:					
	Quantity.....	Million kw.-hrs..	988.3	2,329.8	1,194.8	357.1
	Cost.....	Million dollars..	8.0	19.8	10.2	4.6
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs..	175.3	4.4	(S)	22.2
	Total energy used for heat and power <sup>1</sup> .....	Million kw.-hrs. equiv.....	15,647.3	34,595.0	18,824.0	3,384.2

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet publication standards.

<sup>1</sup>Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.



TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Cement hydraulic (SIC 3241)	Brick and structural tile (SIC 3251)	Ceramic wall and floor tile (SIC 3253)	Clay refractories (SIC 3255)	Structural clay products, n.e.c. (SIC 3259)
	Cost of purchased fuels and electric energy, total..	Million dollars..	190.5	44.7	4.9	16.9	14.5
	Cost of purchased fuels, total.....	do.....	124.6	35.2	3.3	13.4	11.9
121005	Coal (anthracite, bituminous, and lignite):						
	Quantity.....	1,000 short tons..	8,554.0	439.4	-	30.4	143.3
	Cost.....	Million dollars..	61.3	2.9	-	0.2	1.0
	Fuel oil, total:						
	Quantity.....	1,000 barrels....	2,611.0	694.4	88.7	72.7	121.1
	Cost.....	Million dollars..	7.3	2.5	0.3	0.4	0.4
291141	Distillate:						
	Quantity.....	1,000 barrels....	674.2	447.9	(D)	(D)	(D)
	Cost.....	Million dollars..	2.5	1.8	(D)	(D)	(D)
291151	Residual:						
	Quantity.....	1,000 barrels....	1,936.8	246.5	(D)	(D)	(D)
	Cost.....	Million dollars..	4.8	0.7	(D)	(D)	(D)
131300	Gas (natural, manufactured mixed, blast furnace, coke-oven, and other gas):						
	Quantity.....	Million cu. ft....	182,987.1	65,185.9	6,114.1	23,231.9	22,067.5
	Cost.....	Million dollars..	51.3	25.1	2.9	11.2	9.6
960011	Other fuels (gasoline, LPG, wood, etc.).....	do.....	0.4	0.8	0.1	0.1	0.3
975000	Fuels, n.s.k.....	do.....	4.3	3.9	-	1.5	0.6
976000							
960012	Purchased electric energy:						
	Quantity.....	Million kw.-hrs..	7,495.2	2,700.1	128.3	271.6	182.8
	Cost.....	Million dollars..	65.9	9.5	1.6	3.5	2.6
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs..	923.0	0.8	0.8	1.4	0.4
	Total energy used for heat and power <sup>1</sup> .....	Million kw.-hrs.. equivalent.....	137,521.1	30,051.9	2,175.4	9,017.0	8,713.3

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.

TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Vitreous plumbing fixtures (SIC 3261)
	Cost of purchased fuels and electric energy, total....	Million dollars.	4.5
	Cost of purchased fuels, total.....	...do.....	3.2
121005	Coal (anthracite, bituminous, and lignite):		
	Quantity.....	1,000 short tons	(D)
	Cost.....	Million dollars.	(D)
331212 331213	Coke, screenings, and breeze:		
	Quantity.....	1,000 short tons	-
	Cost.....	Million dollars.	-
	Fuel oil, total:		
	Quantity.....	1,000 barrels...	(S)
	Cost.....	Million dollars.	0.2
291141	Distillate:		
	Quantity.....	1,000 barrels...	(D)
	Cost.....	Million dollars.	(D)
291151	Residual:		
	Quantity.....	1,000 barrels...	(D)
	Cost.....	Million dollars.	(D)
131300	Gas (natural, manufactured mixed, blast-furnace, coke-oven, and other gas):		
	Quantity.....	Million cu. ft..	5,403.8
	Cost.....	Million dollars.	2.3
960011	Other fuels (gasoline, LPG, wood, etc.).....	...do.....	-
975000 976000	Fuels, n.s.k.....	...do.....	0.6
960012	Purchased electric energy:		
	Quantity.....	Million kw.-hrs.	122.2
	Cost.....	Million dollars.	1.4
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs.	2.5
	Total energy used for heat and power <sup>1</sup> .....	Million kw.-hrs. equivalent.....	3,028.7

Standard notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet publication standards.

<sup>1</sup>Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.

TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Concrete block and brick (SIC 3271)	Other concrete products (SIC 3272)	Ready mixed concrete (SIC 3273)	Lime (SIC 3274)	Gypsum products (SIC 3275)	Cut stone and stone products (SIC 3281)
	Cost of purchased fuels and electric energy, total....	Million dollars.	13.3	17.3	50.0	31.4	18.2	5.0
121005	Cost of purchased fuels, total.....	...do.....	8.8	11.1	39.2	25.9	11.0	1.7
	Coal (anthracite, bituminous, and lignite):							
	Quantity.....	1,000 short tons.	20.4	6.6	13.0	1,625.6	82.3	(NA)
	Cost.....	Million dollars.	0.2	0.1	0.1	13.8	0.6	(NA)
	Fuel oil, total:							
	Quantity.....	1,000 barrels...	318.5	631.5	1,542.5	401.1	828.3	(NA)
	Cost.....	Million dollars.	2.5	3.1	10.2	1.3	2.5	(NA)
291141	Distillate:							
	Quantity.....	1,000 barrels...	339.6	517.8	1,390.6	72.4	205.7	(NA)
	Cost.....	Million dollars.	1.7	2.6	9.1	0.3	0.9	(NA)
291151	Residual							
	Quantity.....	1,000 barrels...	284.9	113.7	151.9	328.7	622.6	(NA)
	Cost.....	Million dollars.	0.8	0.5	1.1	1.0	1.6	(NA)
131300	Gas (natural, manufactured mixed, blast furnace, coke-oven, and other gas):							
	Quantity.....	Million cu. ft..	6,085.9	8,222.8	10,124.6	30,000.6	19,965.8	(NA)
	Cost.....	Million dollars.	2.8	3.1	3.3	10.3	7.5	(NA)
960011	Other fuels (gasoline, LPG, wood, etc.).....	...do.....	0.9	1.5	8.9	0.3	0.1	-
960013		...do.....	2.4	3.3	16.7	0.2	0.3	(NA)
975000	Fuels, n.s.k.....	...do.....	2.4	3.3	16.7	0.2	0.3	(NA)
976000		...do.....	2.4	3.3	16.7	0.2	0.3	(NA)
960012	Purchased electric energy:							
	Quantity.....	Million kw.-hrs.	833.7	366.0	553.9	511.5	657.8	220.5
	Cost.....	Million dollars.	4.5	6.2	10.8	5.5	7.2	3.3
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs.	(S)	0.1	0.2	4.1	(S)	(D)
	Total energy used for heat and power.....	Million kw.-hrs. equiv.....	5,871.7	6,711.1	20,083.0	23,062.4	9,079.3	1,513.3

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

<sup>1</sup>Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.



TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Abrasive products (SIC 3291)	Asbestos products (SIC 3292)	Minerals ground or treated (SIC 3295)	Mineral wool (SIC 3296)	Nonclay refractories (SIC 3297)
	Cost of purchased fuels and electric energy, total..	Million dollars..	11.0	10.9	12.5	20.9	12.1
121005	Cost of purchased fuels, total.....	...do.....	4.5	4.6	7.7	13.5	8.1
	Coal (anthracite, bituminous, and lignite):						
	Quantity.....	1,000 short tons.	77.5	28.6	(S)	145.4	(D)
	Cost.....	Million dollars..	0.8	0.3	0.3	0.9	(D)
	Fuel oil, total:						
	Quantity.....	1,000 barrels....	316.6	(S)	(S)	170.4	(S)
	Cost.....	Million dollars..	1.1	1.5	2.3	0.5	0.9
291141	Distillate:						
	Quantity.....	1,000 barrels....	149.8	(S)	260.3	40.2	166.7
	Cost.....	Million dollars..	0.6	0.6	1.3	0.2	0.7
291151	Residual:						
	Quantity.....	1,000 barrels....	166.8	379.0	(S)	130.2	(S)
	Cost.....	Million dollars..	0.5	0.9	1.0	0.3	0.2
131300	Gas (natural, manufactured mixed, blast furnace, coke-oven, and other gas):						
	Quantity.....	Million cub. ft..	(S)	3,879.5	8,318.7	24,132.9	10,229.6
	Cost.....	Million dollars..	1.8	1.7	3.3	9.4	5.1
960011	Other fuels (coke, gasoline, LPG, wood, etc.)... Fuels, n.s.k. ....	...do.....	0.4	0.3	0.4	1.3	0.2
960013		...do.....	0.4	0.8	1.4	1.4	(D)
975000							
976000							
960012	Purchased electric energy:						
	Quantity.....	Million kw.-hrs..	693.3	555.0	334.0	803.9	360.2
	Cost.....	Million dollars..	6.5	6.3	4.8	7.4	4.0
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs..	35.1	19.2	0.5	3.1	-
	Total energy used for heat and power <sup>1</sup> .....	Million kw.-hrs. equivalent.....	2,922.4	3,678.1	5,764.0	10,654.5	5,704.9

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet publication standards.

<sup>1</sup>Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.

TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Blast furnaces and steel mills (SIC 3312)	Electro-metalurgical products (SIC 3313)	Steel wire and related products (SIC 3315)	Cold finishing of steel shapes (SIC 3316)	Steel pipe and tubes (SIC 3317)
	Cost of purchased fuels and electric energy, total.....	Million dollars.	877.3	50.5	13.8	15.7	13.8
	Cost of purchased fuels, total.....	do.....	606.4	14.4	6.0	7.5	6.9
121005	Coal (anthracite, bituminous, and lignite):						
	Quantity.....	1,000 short tons	5,719.1	(D)	(D)	77.0	28.3
	Cost.....	Million dollars.	39.3	(D)	(D)	0.5	0.2
331212	Coke, screenings and breeze:						
	Quantity.....	1,000 short tons	11,017.2	(D)	-	-	-
	Cost.....	Million dollars.	170.7	(D)	-	-	-
	Fuel oil, total:						
	Quantity.....	1,000 barrels...	30,858.7	60.9	335.2	189.7	169.3
	Cost.....	Million dollars.	100.2	0.2	1.0	0.6	0.7
291141	Distillate:						
	Quantity.....	1,000 barrels...	11,924.9	(D)	241.9	125.3	81.7
	Cost.....	Million dollars.	38.6	(D)	0.7	0.4	0.4
291151	Residual:						
	Quantity.....	1,000 barrels...	18,933.8	(D)	93.3	64.4	87.6
	Cost.....	Million dollars.	61.6	(D)	0.3	0.2	0.3
131300 331217 331218 291104	Gas (natural, manufactured mixed, blast furnace, coke-oven, and other gas):						
	Quantity.....	Million cub. ft.	711,787.2	2,519.7	5,176.4	8,012.3	8,349.7
	Cost.....	Million dollars.	257.4	1.7	4.0	4.8	4.7
331217	Blast furnace, gas:						
	Quantity.....	Million cub. ft.	<sup>2</sup> 561,493.0	(D)	4,811.8	(D)	(D)
	Cost.....	Million dollars.	218.3	(D)	3.7	(D)	(D)
331218	Coke-oven, gas:						
	Quantity.....	Million cub. ft.	113,800.3	(D)	-	-	(D)
	Cost.....	Million dollars.	20.4	(D)	-	-	(D)
131300 291104	Other gas:						
	Quantity.....	Million cub. ft.	33,193.9	(D)	364.6	(D)	(D)
	Cost.....	Million dollars.	18.7	(D)	0.3	(D)	(D)
291111 960011 960013 960017	Other fuels (gasoline, LPG, wood, etc.).....	do.....	19.4	(D)	0.1	0.2	0.1
	Fuels, n.s.k.....	do.....	19.4	(D)	(D)	1.4	1.2
	Purchased electric energy:						
	Quantity.....	Million kw.-hrs.	34,794.8	7,852.0	608.1	759.8	584.2
	Cost.....	Million dollars.	270.9	36.1	7.8	8.2	6.9
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs.	6,332.4	3,353.7	83.6	(Z)	(S)
	Total energy used for heat and power <sup>1</sup> .....	Million kw.-hrs. equivalent.....	272,171.1	20,474.6	2,545.9	2,802.6	2,106.4

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Less than 500 thousand kw. hrs. (S) Suppressed; did not meet publication standards.

<sup>1</sup>Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.

<sup>2</sup>Represents a combination of blast-furnace gas and natural gas. In 1962, the most recent year for which detailed data on types of gas consumed were obtained, natural gas accounted for 85 percent of the total consumption of blast-furnace gas and natural gas.

TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See appendix, Explanation of Terms)

Code	Item	Unit of measure	Gray iron foundries (SIC 3321)	Malleable iron foundries (SIC 3322)	Steel foundries (SIC 3323)
	Cost of purchased fuels and electric energy, total....	Million dollars...	102.7	20.4	43.0
121005	Cost of purchased fuels, total.....	...do.....	70.7	12.7	16.8
	Coal (anthracite, bituminous, and lignite):				
	Quantity.....	1,000 short tons..	153.4	167.8	98.4
	Cost.....	Million dollars...	1.6	2.1	1.0
331212	Coke, screenings, and breeze:				
	Quantity.....	1,000 short tons..	1,175.6	137.3	13.6
	Cost.....	Million dollars...	42.3	4.8	0.5
	Fuel oil, total:				
	Quantity.....	1,000 barrels....	411.4	167.2	713.1
	Cost.....	Million dollars...	1.7	0.7	2.7
291141	Distillate:				
	Quantity.....	1,000 barrels....	346.7	133.4	431.4
	Cost.....	Million dollars...	1.5	0.6	1.7
291151	Residual:				
	Quantity.....	1,000 barrels....	64.7	33.8	281.7
	Cost.....	Million dollars...	0.2	0.1	1.0
131300	Gas (natural, manufactured mixed, blast-furnace, coke-oven, and other gas):				
	Quantity.....	Mil. cu. ft.....	25,778.2	8,822.2	20,423.6
	Cost.....	Million dollars...	13.9	4.4	10.8
960013	Other fuels (gasoline, LPG, wood, etc.).....	...do.....	2.0	0.2	1.0
	Fuels, n.s.k.....	...do.....	9.2	0.5	0.8
	Purchased electric energy:				
	Quantity.....	Mil. kw.-hrs.....	2,805.5	779.1	2,232.8
	Cost.....	Million dollars...	32.0	7.7	26.2
	Quantity of electric energy generated less quantity sold..	Mil. kw.-hrs.....	151.3	19.9	7.2
	Total energy used for heat and power <sup>1</sup> .....	Mil. kw.-hrs. equivalent.....	27,921.5	6,459.3	11,388.9

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero, (X) Not applicable, (NA) Not available, (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.



TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Primary copper (SIC 3331)	Primary lead (SIC 3332)	Primary zinc (SIC 3333)	Primary aluminum (SIC 3334)	Primary nonferrous metals, n.e.c. (SIC 3339)	Secondary nonferrous metals (SIC 3341)
	Cost of purchased fuels and electric energy, total.....	Million dollars.	21.5	7.1	22.9	176.8	15.6	17.4
	Cost of purchased fuels, total.....	do.....	14.9	6.0	14.4	33.2	4.3	12.7
121005	Coal (anthracite, bituminous, and lignite):							
	Quantity.....	1,000 short tons	159.7	(D)	678.6	(D)	(D)	1.7
	Cost.....	Million dollars.	1.5	(D)	5.1	(D)	(D)	(Z)
331212 331213	Coke, screenings, and breeze:							
	Quantity.....	1,000 short tons	12.8	153.9	197.4	-	(D)	19.6
	Cost.....	Million dollars.	0.3	3.6	2.4	-	(D)	0.6
	Fuel oil, total:							
	Quantity.....	1,000 barrels...	1,574.9	33.6	(D)	93.8	104.4	575.0
	Cost.....	Million dollars.	3.6	0.1	(D)	0.5	0.5	2.0
291141	Distillate:							
	Quantity.....	1,000 barrels...	120.9	(D)	(D)	36.2	(D)	343.6
	Cost.....	Million dollars.	0.5	(D)	(D)	0.2	(D)	1.3
291151	Residual:							
	Quantity.....	1,000 barrels...	1,454.0	(D)	-	106.7	(D)	227.0
	Cost.....	Million dollars.	3.1	(D)	-	0.3	(D)	0.7
131300 331217 331218 291104	Gas (natural, manufactured mixed, blast-furnace, coke-oven, and other gas):							
	Quantity.....	Million cu. ft..	26,306.6	3,192.9	27,345.9	130,815.3	8,283.6	11,677.1
	Cost.....	Million dollars.	8.7	1.3	6.8	26.7	3.3	5.9
291111 960011 960013 960017	Other fuels (gasoline, LPG, wood, etc.).....	Million dollars.	(Z)	0.2	(Z)	0.4	(Z)	0.6
	Fuels, n.s.k.....	Million dollars.	0.6	0.1	0.1	(Z)	(Z)	3.6
	Purchased electric energy:							
	Quantity.....	Million kw.-hrs.	859.8	113.5	1,493.0	41,956.9	2,492.5	366.1
	Cost.....	Million dollars.	6.6	1.1	8.5	143.6	11.3	4.7
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs.	(S)	(S)	818.7	11,648.0	-	-
	Total energy used for heat and power <sup>1</sup> .....	Million kw.-hrs. equivalent.....	13,119.8	2,868.8	17,334.2	108,348.8	5,267.0	5,107.2

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet publication standards for one or more of the following reasons: The standard error associated with the figure was too high (generally in excess of 25 percent); to avoid disclosing figures of individual companies; or on the basis of a general consistency review. (Z) Under \$50 thousand.

<sup>1</sup>Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.

TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Copper rolling and drawing (SIC 3351)	Aluminum rolling and drawing (SIC 3352)	Rolling and drawing, n.e.c. (SIC 3356)	Nonferrous wire drawing etc. (SIC 3357)	Aluminum castings (SIC 3361)	Brass, bronze, copper castings (SIC 3362)	Nonferrous castings, n.e.c. (SIC 3364)
	Cost of purchased fuels and electric energy, total.	Million dollars..	30.7	54.0	14.2	31.1	19.8	7.6	10.1
121005	Cost of purchased fuels, total.....	...do.....	12.9	25.3	6.0	9.2	11.0	3.8	4.6
	Coal (anthracite, bituminous, and lignite):								
	Quantity.....	1,000 short tons.	92.2	(D)	31.5	59.4	16.6	-	(D)
	Cost.....	Million dollars..	0.7	(D)	0.2	0.6	0.1	-	(D)
331212 331213	Coke, screenings, and breeze:								
	Quantity.....	1,000 short tons.	(D)	-	-	-	-	3.0	-
	Cost.....	Million dollars..	(D)	-	-	-	-	0.1	-
	Fuel oil, total:								
	Quantity.....	1,000 barrels....	1,291.4	711.9	121.3	825.2	237.8	152.0	60.0
	Cost.....	Million dollars..	3.2	2.5	0.2	2.3	1.0	0.8	0.2
291141	Distillate:								
	Quantity.....	1,000 barrels....	555.2	508.5	33.9	248.3	200.2	137.8	60.0
	Cost.....	Million dollars..	1.5	2.1	0.1	0.9	0.9	0.7	0.2
291151	Residual:								
	Quantity.....	1,000 barrels....	736.2	203.4	87.4	576.9	37.6	14.2	-
	Cost.....	Million dollars..	1.7	0.4	0.1	1.4	0.1	0.1	-
131300 331217 331218 291104	Gas (natural, manufactured mixed, blast-furnace, coke-oven, and other gas):								
	Quantity.....	Million cub. ft..	9,527.2	41,037.1	7,812.9	6,719.4	13,982.7	3,726.7	5,083.9
	Cost.....	Million dollars..	6.7	19.3	.43	4.1	8.1	2.3	3.2
291111 960011 960013 960017	Other fuels (gasoline, LPG, wood, etc.).....	...do.....	(D)	(D)	0.2	0.4	0.2	0.1	(D)
	Fuels, n.s.k.....	...do.....	1.7	1.4	1.2	1.7	1.7	0.5	0.2
	Purchased electric energy:								
	Quantity.....	Million kw.-hrs..	1,681.0	3,862.7	962.8	1,884.8	747.1	252.5	421.3
	Cost.....	Million dollars..	17.8	28.7	8.2	21.9	8.8	3.8	5.5
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs..	100.4	(S)	(Z)	1.3	(S)	(Z)	(D)
	Total energy used for heat and power <sup>1</sup> .....	...do.....	8,862.7	19,609.7	4,478.6	7,127.0	6,590.9	2,095.9	2,459.7

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: -Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (S) Supressed did not meet publication standards. (Z) Less than 1 million kw. hrs..

TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Iron and steel forgings (SIC 3391)	Nonferrous forgings (SIC 3392)	Primary metal products, n.e.c. (SIC 3399)
	Cost of purchased fuels and electric energy, total...	Million dollars.	34.7	6.9	28.0
121005	Cost of purchased fuels, total.....	...do.....	25.3	3.4	13.8
	Coal (anthracite, bituminous, and lignite):				
	Quantity.....	1,000 short tons	366.3	46.3	4.2
	Cost.....	Million dollars.	2.9	0.2	0.1
331212 } 331213 }	Coke, screenings, and breeze:				
	Quantity.....	1,000 short tons	0.3	-	-
	Cost.....	Million dollars.	-	-	-
	Fuel oil, total:				
	Quantity.....	1,000 barrels...	1,870.0	109.5	185.2
	Cost.....	Million dollars.	7.1	0.3	0.8
291141	Distillate:				
	Quantity.....	1,000 barrels...	1,018.0	60.7	104.5
	Cost.....	Million dollars.	4.2	0.2	0.4
291151	Residual:				
	Quantity.....	1,000 barrels...	852.0	48.8	80.7
	Cost.....	Million dollars.	2.9	0.1	0.4
131300 } 331217 } 331218 } 291104 }	Gas (natural, manufactured mixed, blast-furnace, coke-oven, and other gas):				
	Quantity.....	Million cu. ft..	22.4	3.6	14.0
	Cost.....	Million dollars.	12.1	2.6	8.4
291111 } 960011 } 960013 } 960017 }	Other fuels (gasoline, LPG, wood, etc.).....	...do.....	0.5	0.2	0.5
	Fuels, n.s.k.....	...do.....	2.8	0.3	3.9
	Purchased electric energy:				
	Quantity.....	Million kw.-hrs.	745.9	360.8	851.6
	Cost.....	Million dollars.	9.4	3.5	14.2
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs.	8.4	-	1.8
	Total energy used for heat and power <sup>1</sup> .....	Million kw.-hrs. equivalent.....	15,527.6	3,150.8	8,147.6

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.



TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Metal cans (SIC 3411)	Hand and edge tools, n.e.c. (SIC 3423)	Hardware, n.e.c. (SIC 3429)
	Cost of purchased fuels and electric energy, total....	Million dollars.	20.0	8.7	22.0
	Cost of purchased fuels, total.....	do.....	9.1	4.3	8.7
121005	Coal (anthracite, bituminous, and lignite):				
	Quantity.....	1,000 short tons	56.2	54.2	210.0
	Cost.....	Million dollars.	0.5	0.3	1.9
331212	Coke, screenings, and breeze:				
331213					
	Quantity.....	1,000 short tons	-	(D)	1.9
	Cost.....	Million dollars.	-	(D)	0.1
	Fuel oil, total:				
	Quantity.....	1,000 barrels...	272.0	292.3	450.7
	Cost.....	Million dollars.	0.8	1.1	1.5
291141	Distillate:				
	Quantity.....	1,000 barrels...	89.0	134.7	148.0
	Cost.....	Million dollars.	0.3	0.6	0.6
291151	Residual:				
	Quantity.....	1,000 barrels...	183.0	149.6	285.8
	Cost.....	Million dollars.	0.5	0.5	0.9
131300	Gas (natural, manufactured mixed, blast-furnace, coke-oven, and other gas):				
331217					
331218	Quantity.....	Million cu. ft..	12,563.6	3,212.9	5,530.1
291104		Cost.....	7.2	2.2	3.8
291111	Other fuels (gasoline, LPG, wood, etc.).....	do.....	0.4	0.1	0.2
960011					
960013	Fuels, n.s.k.....	do.....	0.2	0.6	1.3
960017					
	Purchased electric energy:				
	Quantity.....	Million kw.-hrs.	994.6	268.8	1,093.0
	Cost.....	Million dollars.	10.9	4.4	13.4
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs.	0.8	-	-
	Total energy used for heat and power <sup>1</sup> .....	Million kw.-hrs. equivalent.....	5,757.9	2,146.9	5,429.0

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: -Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.

TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Metal sanitary ware (SIC 3431)	Heating equipment, except electric (SIC 3433)
	Cost of purchased fuels and electric energy, total....	Million dollars.	6.2	9.4
	Cost of purchased fuels, total.....	...do.....	4.2	4.6
121005	Coal (anthracite, bituminous, and lignite):			
	Quantity.....	1,000 short tons	10.8	18.5
	Cost.....	Million dollars.	0.3	0.1
331212 331213	Coke, screenings, and breeze:			
	Quantity.....	1,000 short tons	34.9	20.9
	Cost.....	Million dollars.	1.1	0.8
	Fuel oil, total:			
	Quantity.....	1,000 barrels...	74.4	155.1
	Cost.....	Million dollars..	0.3	0.6
291141	Distillate:			
	Quantity.....	1,000 barrels...	(D)	86.8
	Cost.....	Million dollars.	(D)	0.4
291151	Residual:			
	Quantity.....	1,000 barrels...	(D)	68.3
	Cost.....	Million dollars.	(D)	0.2
131300 331217 331218 291104	Gas (natural, manufactured mixed, blast-furnace, coke-oven, and other gas):			
	Quantity.....	Million cu. ft..	4,538.2	2,594.6
	Cost.....	Million dollars.	2.2	1.6
291111 960011 960013 960017	Other fuels (gasoline, LPG, wood, etc.).....	...do.....	-	0.1
	Fuels, n.s.k.....	...do.....	0.3	1.4
	Purchased electric energy:			
	Quantity.....	Million kw.-hrs.	176.6	387.7
	Cost.....	Million dollars.	2.0	4.9
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs.	11.4	-
	Total energy used for heat and power <sup>1</sup> .....	Million kw.-hrs. equivalent.....	2,198.2	2,392.7

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.

TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Fabricated structural steel (SIC 3441)	Metal doors, sash, and trim (SIC 3442)	Fabricated platework (boiler shops) (SIC 3443)	Sheet metalwork (SIC 3444)
	Cost of purchased fuels and electric energy, total....	Million dollars.	23.2	11.7	25.8	12.6
121005	Cost of purchased fuels, total.....	...do.....	11.0	4.4	11.4	5.8
	Coal (anthracite, bituminous, and lignite):					
	Quantity.....	1,000 short tons	18.7	8.7	7.2	62.9
	Cost.....	Million dollars.	0.1	0.1	0.1	0.3
331212	Coke, screenings, and breeze:					
	Quantity.....	1,000 short tons	4.5	0.2	4.6	0.7
	Cost.....	Million dollars.	0.2	(Z)	0.2	(Z)
	Fuel oil, total:					
	Quantity.....	1,000 barrels...	213.5	70.1	526.1	98.8
	Cost.....	Million dollars.	1.0	0.3	1.5	0.5
291141	Distillate:					
	Quantity.....	1,000 barrels...	187.7	61.6	328.0	74.1
	Cost.....	Million dollars.	0.9	0.3	1.0	0.4
291151	Residual:					
	Quantity.....	1,000 barrels...	25.8	8.5	198.1	24.7
	Cost.....	Million dollars.	0.1	(Z)	0.5	0.1
131300	Gas (natural, manufactured mixed, blast furnace, coke-oven, and other gas):					
	Quantity.....	Million cu. ft..	6,567.3	3,958.2	10,195.2	3,775.2
	Cost.....	Million dollars.	3.0	1.9	5.0	2.4
960011	Other fuels (gasoline, LPG, wood, etc.).....	...do.....	0.9	0.2	0.7	0.3
960013		...do.....	5.8	1.9	3.9	2.5
	Purchased electric energy:					
	Quantity.....	Million kw.-hrs.	863.3	483.9	1,019.1	456.4
	Cost.....	Million dollars.	12.1	7.3	14.4	6.8
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs.	-	1.4	2.3	2.8
	Total energy used for heat and power <sup>1</sup> .....	Million kw.-hrs.	6,109.7	2,861.8	6,828.6	3,504.5

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.



TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Screw machine products (SIC 3451)	Bolts, nuts, rivets, and washers (SIC 3452)	Metal stampings (SIC 3461)	Plating and polishing (SIC 3471)	Metal coating and allied services (SIC 3479)
	Cost of purchased fuels and electric energy, total....	Million dollars.	9.4	17.1	62.4	27.4	10.8
	Cost of purchased fuels, total.....	...do.....	2.7	7.0	20.6	10.4	6.0
121005	Coal (anthracite, bituminous, and lignite):						
	Quantity.....	1,000 tons.....	1.7	47.0	408.3	25.4	0.8
	Cost.....	Million dollars.	(2)	0.4	3.0	0.1	(2)
	Fuel oil, total:						
	Quantity.....	1,000 barrels...	110.3	367.0	680.0	486.1	144.7
	Cost.....	Million dollars.	0.4	1.2	2.3	1.5	0.5
291141	Distillate:						
	Quantity.....	1,000 barrels...	101.0	195.4	371.9	262.3	125.5
	Cost.....	Million dollars.	0.3	0.7	1.4	0.9	0.4
291151	Residual:						
	Quantity.....	1,000 barrels...	10.8	171.6	308.1	223.8	19.2
	Cost.....	Million dollars.	0.1	0.5	0.9	0.6	0.1
131300 331217 331218 291104	Gas (natural, manufactured mixed, blast-furnace, coke-oven, and other gas):						
	Quantity.....	Million cu. ft..	1.2	6.0	13.3	7.0	5.3
	Cost.....	Million dollars.	0.7	4.0	8.3	4.5	2.6
291111 960011 960013 960017	Other fuels (gasoline, LPG, wood, etc.).....	...do.....	0.2	0.2	1.8	0.7	0.2
	Fuels, n.s.k.....	...do.....	1.4	1.2	5.2	3.5	2.7
	Purchased electric energy:						
	Quantity.....	Million kw.-hrs.	397.5	753.6	3,229.5	898.3	247.6
	Cost.....	Million dollars.	6.7	10.1	41.8	17.0	4.8
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs.	-	-	10.8	0.2	1.4
	Total energy used for heat and power <sup>1</sup> .....	Million kw.-hrs. equivalent.....	1,290.2	3,417.2	10,858.2	9,058.2	3,557.6

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Miscellaneous fabricated wire products (SIC 3481)	Valves and pipe fittings (SIC 3494)	Fabricated metal products, n.e.c. (SIC 3499)
	Cost of purchased fuels and electric energy, total....	Million dollars..	15.6	23.0	9.6
121005	Cost of purchased fuels, total.....	...do.....	6.2	9.9	3.7
	Coal (anthracite, bituminous, and lignite):				
	Quantity.....	1,000 short tons.	14.4	91.6	-
	Cost.....	Million dollars..	0.1	0.7	-
331212	Coke, screenings, and breeze:				
331213					
	Quantity.....	1,000 short tons.	-	45.8	(Z)
	Cost.....	Million dollars..	-	1.6	(Z)
	Fuel oil, total:				
	Quantity.....	1,000 barrels....	221.5	384.8	13.4
	Cost.....	Million dollars..	0.7	1.3	0.1
291141	Distillate:				
	Quantity.....	1,000 barrels....	74.0	205.9	13.4
	Cost.....	Million dollars..	0.3	0.8	0.1
291151	Residual:				
	Quantity.....	1,000 barrels....	147.5	164.6	-
	Cost.....	Million dollars..	0.4	0.5	-
131300	Gas (natural, manufactured mixed, blast-furnace, coke-oven, and other gas):				
331217					
331218					
291104	Quantity.....	Million cu. ft...	2,755.2	7,478.0	413.7
	Cost.....	Million dollars..	1.9	4.0	0.3
291111	Other fuels (gasoline, LPG, wood, etc.).....				
960011					
960013					
960017	Fuels, n.s.k.....	Million dollars..	3.3	1.9	3.3
	Purchased electric energy:				
	Quantity.....	Million kw.-hrs..	451.7	997.6	404.7
	Cost.....	Million dollars..	9.4	13.1	5.9
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs..	-	3.9	8.5
	Total energy used for heat and power <sup>1</sup> .....	Million kw.-hrs. equivalent.....	2,275.7	5,973.7	1,054.0

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.

TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Steam engines and turbines (SIC 3511)	Internal combustion engines, n.e.c. (SIC 3519)	Farm machinery (SIC 3522)
	Cost of purchased fuels and electric energy, total...	Million dollars.	10.3	14.5	31.8
	Cost of purchased fuels, total.....	...do.....	6.2	5.6	17.8
121005	Coal (anthracite, bituminous, and lignite):				
	Quantity.....	1,000 short tons	(D)	103.8	458.1
	Cost.....	Million dollars.	(D)	0.7	3.0
331212	Coke, screenings, and breeze:				
	Quantity.....	1,000 short tons	-	15.1	94.5
	Cost.....	Million dollars.	-	0.6	3.6
	Fuel oil, total:				
	Quantity.....	1,000 barrels...	976.4	357.0	284.6
	Cost.....	Million dollars.	2.1	1.4	1.2
291141	Distillate:				
	Quantity.....	1,000 barrels...	63.4	312.3	173.2
	Cost.....	Million dollars.	0.2	1.0	0.8
291151	Residual:				
	Quantity.....	1,000 barrels...	913.0	44.7	111.4
	Cost.....	Million dollars	1.9	0.4	0.4
131300	Gas (natural, manufactured mixed, blast-furnace, coke-oven, and other gas):				
	Quantity.....	Million cu. ft..	2,358.7	3,457.8	13,808.7
	Cost.....	Million dollars.	1.4	1.9	6.9
960013	Other fuels (gasoline, LPG, wood, etc.).....	...do.....	(D)	0.3	0.8
	Fuels, n.s.k.....	...do.....	0.1	0.7	2.3
	Purchased electric energy:				
	Quantity.....	Million kw.-hrs.	395.4	824.0	1,046.2
	Cost.....	Million dollars.	4.1	8.9	14.0
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs.	142.3	44.1	198.2
	Total energy used for heat and power <sup>1</sup> .....	Million kw.-hrs. equivalent.....	4,545.0	3,404.6	9,908.5

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.



TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Construction machinery (SIC 3531)	Oilfield machinery (SIC 3533)
	Cost of purchased fuels and electric energy, total....	Million dollars.	33.0	7.7
121005	Cost of purchased fuels, total.....	Million dollars.	14.2	2.7
	Coal (anthracite, bituminous, and lignite):			
	Quantity.....	1,000 short tons	345.6	(NA)
	Cost.....	Million dollars.	2.6	(NA)
331212	Coke, screenings, and breeze:			
	Quantity.....	1,000 short tons	14.8	(NA)
	Cost.....	Million dollars.	0.5	(NA)
	Fuel oil, total:			
	Quantity.....	1,000 barrels...	290.8	(NA)
	Cost.....	Million dollars.	1.2	(NA)
291141	Distillate:			
	Quantity.....	1,000 barrels...	208.9	(NA)
	Cost.....	Million dollars.	0.9	(NA)
291151	Residual:			
	Quantity.....	1,000 barrels...	81.9	(NA)
	Cost.....	Million dollars.	0.3	(NA)
131300	Gas (natural, manufactured mixed, blast-furnace, coke-oven, and other gas):			
	Quantity.....	Million cu. ft..	10,778.9	(NA)
	Cost.....	Million dollars.	6.1	(NA)
960013	Other fuels (gasoline, LPG, wood, etc.).....	...do.....	0.4	(NA)
	Fuels, n.s.k.....	...do.....	3.4	(NA)
	Purchased electric energy:			
	Quantity.....	Million kw.-hrs.	1,684.4	471.5
	Cost.....	Million dollars.	18.8	5.0
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs.	80.1	-
	Total energy used for heat and power <sup>1</sup> .....	Million kw.-hrs. equivalent.....	8,310.2	1,905.2

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.

TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Machine tools, metal-cutting types (SIC 3541)	Special dies, tools, jigs, and fixtures (SIC 3544)	Machine tool accessories (SIC 3545)	Metalworking machinery, n.e.c. (SIC 3548)
	Cost of purchased fuels and electric energy, total....	Million dollars..	14.4	21.2	11.8	8.8
121005	Cost of purchased fuels, total.....	...do.....	4.8	6.6	3.5	3.7
	Coal (anthracite, bituminous, and lignite)					
	Quantity.....	1,000 short tons.	48.8	16.0	(NA)	27.1
	Cost.....	Million dollars..	0.4	0.1	(NA)	0.2
	Fuel oil, total:					
	Quantity.....	1,000 barrels....	276.7	133.2	(NA)	139.5
	Cost.....	Million dollars..	0.9	0.6	(NA)	0.5
291141	Distillate:					
	Quantity.....	1,000 barrels....	134.3	64.7	(NA)	38.2
	Cost.....	Million dollars..	0.5	0.4	(NA)	0.2
291151	Residual:					
	Quantity.....	1,000 barrels....	142.4	68.5	(NA)	101.3
	Cost.....	Million dollars..	0.4	0.2	(NA)	0.3
131300	Gas (natural, manufactured mixed, blast-furnace, coke-oven, and other gas):					
	Quantity.....	Million cubic ft.	3,633.2	3,189.1	(NA)	3,526.3
	Cost.....	Million dollars..	2.3	2.1	(NA)	2.1
960011	Other fuels (gasoline, LPG, wood, etc.).....	...do.....	0.7	0.8	(NA)	0.1
	Fuels, NSK.....	...do.....	0.5	2.9	(NA)	0.8
	Purchased electric energy:					
	Quantity.....	Million kw.-hrs..	677.4	841.8	580.9	428.3
	Cost.....	Million dollars..	9.6	14.6	8.3	5.1
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs..	10.3	0.7	0.8	0.4
	Total energy used for heat and power <sup>1</sup> .....	Million kw.-hrs. equivalent.....	3,022.3	3,869.0	3,439.4	2,396.0

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Represents the quantity of purchased electric energy and the kilowatt-hours equivalent of all fuels used for heat and power.

TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Textile machinery (SIC 3552)	Special industry machinery n.e.c. (SIC 3559)
	Cost of purchased fuels and electric energy, total.....	Million dollars.	6.5	13.1
121005	Cost of purchased fuels, total.....	...do.....	2.6	4.7
	Coal (anthracite, bituminous, and lignite):			
	Quantity.....	1,000 short tons	(NA)	12.3
	Cost.....	Million dollars.	(NA)	0.1
331212	Coke:			
	Quantity.....	1,000 short tons	(NA)	6.5
	Cost.....	Million dollars.	(NA)	0.2
	Fuel oil, total:			
	Quantity.....	1,000 barrels...	(NA)	382.7
	Cost.....	Million dollars.	(NA)	1.2
291141	Distillate:			
	Quantity.....	1,000 barrels...	(NA)	159.6
	Cost.....	Million dollars.	(NA)	0.6
291151	Residual:			
	Quantity.....	1,000 barrels...	(NA)	223.1
	Cost.....	Million dollars.	(NA)	0.6
131300	Gas (natural, manufactured mixed):			
	Quantity.....	Million cu. ft..	(NA)	1,629.4
	Cost.....	Million dollars.	(NA)	1.7
960013	Other fuels (gasoline, LPG, wood, etc.)....	Million dollars.	(NA)	0.1
	Fuels, n.s.k.....	...do.....	(NA)	1.4
	Purchased electric energy:			
	Quantity.....	Million kw.-hrs.	293.8	571.1
	Cost.....	Million dollars.	3.9	8.4
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs.	-	(D)
	Total energy used for heat and power <sup>1</sup> .....	Million kw.-hrs equivalent.....	1,674.4	2,646.6

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms.

Standard notes: -Represents zero. (X) Not applicable. (NA) Not available.  
 (D) Withheld to avoid disclosing figures for individual companies. (Z) Under \$50 thousand.  
<sup>1</sup>Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all  
 fuels used for heat and power.



TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Pumps and compressors (SIC 3561)	Ball and roller bearings (SIC 3562)	Power transmission equipment (SIC 3566)	General industrial machinery, n.e.c. (SIC 3569)
	Cost of purchased fuels and electric energy, total....	Million dollars..	15.3	16.0	11.6	6.4
121005	Cost of purchased fuels, total.....	Million dollars..	6.9	6.5	4.5	2.4
	Coal (anthracite, bituminous, and lignite):					
	Quantity.....	1,000 short tons..	87.5	65.7	21.4	(NA)
	Cost.....	Million dollars..	0.8	0.4	0.2	(NA)
331212	Coke screenings, and breeze:					
331213						
	Quantity.....	1,000 short tons..	17.1	(Z)	(D)	(NA)
	Cost.....	Million dollars..	0.6	(Z)	(D)	(NA)
	Fuel oil, total:					
	Quantity.....	1,000 barrels....	217.3	386.5	162.3	(NA)
	Cost.....	Million dollars..	0.8	1.0	0.6	(NA)
291141	Distillate:					
	Quantity.....	1,000 barrels....	154.6	53.0	55.5	(NA)
	Cost.....	Million dollars..	0.7	0.2	0.2	(NA)
291151	Residual:					
	Quantity.....	1,000 barrels....	62.7	333.4	106.8	(NA)
	Cost.....	Million dollars..	0.2	0.8	0.3	(NA)
131300	Gas (natural, manufactured mixed, blast furnace, coke-oven and other gas):					
331217						
331218						
291104	Quantity.....	Million cub. ft..	2,962.8	5,781.3	3,947.4	(NA)
	Cost.....	Million dollars..	1.9	4.2	2.5	(NA)
291111	Other fuels (gasoline, LPG, wood, etc.).....	...do.....	0.3	0.2	(D)	(NA)
960011						
960013	Fuels, n.s.k.....	...do.....	2.3	0.7	0.9	(NA)
960017						
	Purchased electric energy:					
	Quantity.....	Million kw.-hrs..	643.2	919.9	523.0	299.5
	Cost.....	Million dollars..	8.4	9.5	7.1	4.0
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs..	18.5	(S)	(S)	(S)
	Total energy used for heat and power <sup>1</sup> .....	Million kw.-hrs. equivalent	4,038.9	4,302.0	2,724.1	1,573.9

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review. \*These figures either have associated standard errors exceeding 15 percent or are not consistent with other Census series and related data. Thus, these estimates may be of limited reliability. (Z) Less than \$50 thousand or less than 50 employees.

<sup>1</sup>Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.

TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See Appendix, Explanation of Terms)

Item	Unit of measure	Electronic computing equipment (SIC 3573)
Cost of purchased fuels and electric energy, total....	Million dollars.	11.8
Cost of purchased fuels, total.....	...do.....	2.2
Purchased electric energy:		
Quantity.....	Million kw.-hrs.	898.3
Cost.....	Million dollars.	9.6
Quantity of electric energy generated less quantity sold.....	Million kw.-hrs.	-
Total energy used for heat and power <sup>1</sup> .....	Million kw.-hrs. equivalent.....	2,065.5

Note: Detailed figurs may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable (NA) Not available.

(D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.

TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Refrigeration machinery (SIC 3585)	Miscellaneous machinery, except electrical (SIC 3599)
	Cost of purchased fuels and electric energy, total....	Million dollars..	17.9	42.5
	Cost of purchased fuels, total.....	...do.....	6.8	13.6
121005	Coal (anthracite, bituminous, and lignite):			
	Quantity.....	1,000 short tons.	110.8	25.9
	Cost.....	Million dollars..	1.0	0.3
331212 331213	Coke, screenings, and breeze:			
	Quantity.....	1,000 short tons.	-	5.7
	Cost.....	Million dollars..	-	0.2
	Fuel oil, total:			
	Quantity.....	1,000 barrels....	195.8	287.6
	Cost.....	Million dollars..	0.8	1.2
291141	Distillate:			
	Quantity.....	1,000 barrels....	97.1	159.8
	Cost.....	Million dollars..	0.4	0.8
291151	Residual:			
	Quantity.....	1,000 barrels....	98.7	127.8
	Cost.....	Million dollars..	0.3	0.4
131300 331217 331218 291104	Gas (natural, manufactured mixed, blast- furnace, coke-oven, and other gas):			
	Quantity.....	Million cu. ft...	6,890.7	5,514.0
	Cost.....	Million dollars..	3.7	3.7
291111 960011 960013 960017	Other fuels (gasoline, LPG, wood, etc.).....	...do.....	0.4	0.6
	Fuels, n.s.k.....	...do.....	0.9	7.6
	Purchased electric energy:			
	Quantity.....	Million kw.-hrs..	908.5	2,050.4
	Cost.....	Million dollars..	11.1	28.9
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs..	-	-
	Total energy used for heat and power <sup>1</sup> .....	Million kw.-hrs. equivalent.....	4,765.7	8,620.5

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Represents the quantity of purchased electric energy and the kilowatt-hours equivalent of all fuels used for heat and power.



TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Motors and generators (SIC 3621)	Carbon and graphite products (SIC 3624)
	Cost of purchased fuels and electric energy, total....	Million dollars.	18.6	13.9
	Cost of purchased fuels, total.....	...do.....	6.7	4.7
121005	Coal (anthracite, bituminous, and lignite):			
	Quantity.....	1,000 short tons	86.0	31.2
	Cost.....	Million dollars.	0.7	0.2
	Fuel oil, total:			
	Quantity.....	1,000 barrels...	111.9	38.7
	Cost.....	Million dollars.	0.4	0.1
291141	Distillate:			
	Quantity.....	1,000 barrels...	86.2	( <sup>2</sup> )
	Cost.....	Million dollars.	0.3	( <sup>2</sup> )
291151	Residual:			
	Quantity.....	1,000 barrels...	25.7	<sup>2</sup> 38.7
	Cost.....	Million dollars.	0.1	<sup>2</sup> 0.1
131300 331217	Gas (natural, manufactured mixed, blast-furnace, coke-oven, and other gas):			
	Quantity.....	Million cubic feet.....	4,756.7	8,086.4
	Cost.....	Million dollars.	2.8	4.0
291111 960011 960013 960017	Other fuels (gasoline, LPG, wood, etc.).....	...do.....	0.7	0.1
	Fuels, n.s.k.....	...do.....	2.1	0.2
	Purchased electric energy:			
	Quantity.....	Million kw.-hrs.	1,082.0	1,620.8
	Cost.....	Million dollars.	11.9	9.2
	Quantity of electric energy generated less quantity sold:.....	Million kw.-hrs.	40.0	-
	Total energy used for heat and power <sup>1</sup> .....	Million kw.-hrs. equivalent.....	4,459.1	4,551.8

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations.

<sup>1</sup>Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.

<sup>2</sup>Fuel codes 291141 (distillate fuel oil) and 291151 (residual fuel oil) have been combined to avoid disclosure of figures for individual companies.

TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Household refrigerators and freezers (SIC 3632)
	Cost of purchased fuels and electric energy, total....	Million dollars..	14.8
121005	Cost of purchased fuels, total.....	...do.....	6.5
	Coal (anthracite, bituminous, and lignite):		
	Quantity.....	1,000 short tons.	285.8
	Cost.....	Million dollars..	2.0
	Fuel oil, total:		
	Quantity.....	1,000 barrels...	( <sup>1</sup> )
	Cost.....	Million dollars..	( <sup>1</sup> )
291141	Distillate:		
	Quantity.....	1,000 barrels...	( <sup>1</sup> )
	Cost.....	Million dollars..	( <sup>1</sup> )
291151	Residual:		
	Quantity.....	1,000 barrels...	( <sup>1</sup> )
	Cost.....	Million dollars..	( <sup>1</sup> )
131300	Gas (natural, manufactured mixed, blast-furnace, coke-oven, and other gas):		
	Quantity.....	Million cu. ft...	6,567.6
	Cost.....	Million dollars..	3.3
960011	Other fuels (gasoline, LPG, wood, etc.).....	...do.....	<sup>1</sup> 0.9
	Fuels, n.s.k.....	...do.....	0.3
	Purchased electric energy:		
	Quantity.....	Million kw.-hrs..	837.3
	Cost.....	Million dollars..	8.3
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs..	(X)
	Total energy used for heat and power <sup>2</sup> .....	Million kw.-hrs. equivalent.....	5,474.4

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>The figures for fuel oil have been combined with code 960011, "Other fuels," to avoid disclosure of figures for individual companies.

<sup>2</sup>Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.

TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See appendix, Explanation of Terms)

Code	Item	Unit of measure	Lighting fixtures (SIC 3642)
	Cost of purchased fuels and electric energy, total..	Million dollars.	12.4
	Cost of purchased fuels, total.....	...do.....	5.2
121005	Coal (anthracite, bituminous, and lignite):		
	Quantity.....	1,000 short tons	58.9
	Cost.....	Million dollars.	0.5
	Fuel oil, total:		
	Quantity.....	1,000 barrels...	177.0
	Cost.....	Million dollars.	0.6
291141	Distillate:		
	Quantity.....	1,000 barrels...	84.0
	Cost.....	Million dollars.	0.3
291151	Residual:		
	Quantity.....	1,000 barrels...	93.0
	Cost.....	Million dollars.	0.3
131300 331217 331218 291104	Gas (natural, manufactured mixed, blast-furnace, coke-oven, and other gas):		
		Quantity.....	4,102.9
		cost.....	2.5
291111 960011 960013 960017	Other fuels (gasoline, LPG, wood, etc.).....	...do.....	0.2
		Fuels, n.s.k.....	1.4
	Purchased electric energy:		
	Quantity.....	Million kw.-hrs.	590.5
	Cost.....	Million dollars.	7.2
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs.	-
	Total energy used for heat and power <sup>1</sup> .....	Million kw.-hrs. equivalent.....	3,373.2

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available.

<sup>1</sup>Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.



TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Telephone and telegraph apparatus (SIC 3661)	Radio and TV communications equipment (SIC 3662)	Electronic components, n.e.c. (SIC 3679)
	Cost of purchased fuels and electric energy, total..	Million dollars.	11.9	41.5	33.3
	Cost of purchased fuels, total.....	Million dollars.	4.1	8.2	8.4
121005	Coal (anthracite, bituminous, and lignite):				
	Quantity.....	1,000 short tons	272.2	21.5	51.2
	Cost.....	Million dollars.	1.3	0.2	0.5
	Fuel oil, total:				
	Quantity.....	1,000 barrels...	243.4	953.8	561.6
	Cost.....	Million dollars.	0.6	2.6	1.9
291141	Distillate:				
	Quantity.....	1,000 barrels...	69.5	321.4	323.3
	Cost.....	Million dollars.	0.2	1.0	1.2
291151	Residual:				
	Quantity.....	1,000 barrels...	173.9	632.4	238.3
	Cost.....	Million dollars.	0.4	1.6	0.7
131300 331217 331218 291104	Gas (natural, manufactured mixed, blast-furnace, coke-oven, and other gas):				
	Quantity.....	Million cu. ft..	4,644.8	4,381.4	3,708.7
	Cost.....	Million dollars.	1.7	3.1	2.5
291111 960011 960013 960017	Other fuels (gasoline, LPG, wood, etc.).....	...do.....	0.1	0.4	0.6
	Fuels, n.s.k.....	...do.....	0.2	1.9	2.8
	Purchased electric energy:				
	Quantity.....	Million kw.-hrs.	794.9	2,974.2	2,145.8
	Cost.....	Million dollars.	7.9	33.3	25.0
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs.	115.0	32.1	(Z)
	Total energy used for heat and power <sup>1</sup> .....	Million kw.-hrs. equivalent.....	4,732.4	4,325.0	4,119.8

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Less than \$50 thousand (or under 50 employees).

TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See Appendix, Explanation of Terms)

Item	Unit of measure	Storage batteries (SIC 3691)	Electrical equipment, n.e.c. (SIC 3699)
Cost of purchased fuels and electric energy, total.....	Million dollars.	8.3	7.7
Cost of purchased fuels, total.....	..do.....	2.7	2.5
Purchased electric energy:			
Quantity.....	Million kw.-hrs.	527.8	511.7
Cost.....	Million dollars.	5.6	5.2
Quantity of electric energy generated less quantity sold.....	Million kw.-hrs.	(Z)	0.5
Total energy used for heat and power <sup>1</sup> .....	Million kw.-hrs. equivalent.....	1 983.1	1 859.2

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: -Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. From 10 to 30 percent of this figure was estimated.

<sup>1</sup>Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.

TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Motor vehicles (SIC 3711)	Motor vehicles parts and accessories (SIC 3714)
	Cost of purchased fuels and electric energy, total....	Million dollars.	105.2	109.8
121005	Cost of purchased fuels, total.....	...do.....	49.2	40.6
	Coal (anthracite, bituminous, and lignite):			
	Quantity.....	1,000 short tons	1,492.1	1,285.2
	Cost.....	Million dollars.	13.0	10.3
331212	Coke, screenings, and hreeze:			
331213				
	Quantity.....	1,000 short tons	(D)	57.4
	Cost.....	Million dollars.	(D)	2.1
	Fuel oil, total:			
	Quantity.....	1,000 barrels...	1,406.7	877.9
	Cost.....	Million dollars.	3.7	2.9
291141	Distillate:			
	Quantity.....	1,000 barrels...	169.3	237.4
	Cost.....	Million dollars.	0.7	0.9
291151	Residual:			
	Quantity.....	1,000 barrels...	1,237.4	640.5
	Cost.....	Million dollars.	3.0	2.0
131300	Gas (natural, manufactured mixed, blast- furnace, coke-oven, and other gas):			
331217				
331218				
291104	Quantity.....	Million cu. ft..	36,953.8	34,067.1
	Cost.....	Million dollars.	18.9	17.9
291111	Other fuels (gasoline, LPG, wood, etc.).....	...do.....	(D)	3.8
960011				
960013	Fuels, n.s.k.....	...do.....	(D)	3.6
960017				
	Purchased electric energy:			
	Quantity.....	Million kw.-hrs.	5,714.2	6,733.6
	Cost.....	Million dollars.	56.0	69.2
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs.	(D)	(D)
	Total energy used for heat and power <sup>1</sup> .....	Million kw.-hrs. equivalent.....	33,701.1	31,727.5

Note: Detailed figures may not add to totals because of independent rounding or independent dropping or fractions of thousands (rather than rounding) in computer operations.

<sup>1</sup>Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.



TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Aircraft (SIC 3721)	Aircraft engines and parts (SIC 3722)	Aircraft equipment, n.e.c. (SIC 3729)
	Cost of purchased fuels and electric energy, total...	Million dollars.	38.9	35.3	33.5
121005	Cost of purchased fuels, total.....	...do.....	10.8	9.6	8.1
	Coal (anthracite, bituminous, and lignite):				
	Quantity.....	1,000 short tons	73.0	181.4	102.7
	Cost.....	Million dollars.	0.5	1.5	0.8
	Fuel oil, total:				
	Quantity.....	1,000 barrels...	410.0	1,208.5	493.7
	Cost.....	Million dollars.	1.5	3.4	1.4
291141	Distillate:				
	Quantity.....	1,000 barrels...	195.0	489.7	143.4
	Cost.....	Million dollars.	1.0	1.8	0.6
291151	Residual:				
	Quantity.....	1,000 barrels...	215.0	718.8	350.3
	Cost.....	Million dollars.	0.5	1.6	0.8
131300 331217 331218 291104	Gas (natural, manufactured mixed, blast furnace, coke-oven, and other gas):				
		Quantity.....	14,302.3	5,337.7	6,963.1
	Cost.....	Million dollars.	5.8	3.0	3.5
291111 960011 960013 960017	Other fuels (gasoline, LPG, wood, etc.).....	...do.....	2.7	0.6	0.4
		Fuels, n.s.k.....	0.3	1.1	1.9
	Purchased electric energy:				
	Quantity.....	Million kw.-hrs.	3,479.9	2,629.7	2,291.9
	Cost.....	Million dollars.	28.1	25.7	25.4
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs.	(D)	(Z)	2.0
	Total energy used for heat and power <sup>1</sup> .....	Million kw.-hrs equivalent.....	9,759.5	8,559.3	7,307.7

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.

TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Shipbuilding and repairing (SIC 3731)	Railroad and street cars (SIC 3742)
	Cost of purchased fuels and electric energy, total....	Million dollars.	20.2	10.2
121005	Cost of purchased fuels, total.....	...do.....	6.7	4.8
	Coal (anthracite, bituminous, and lignite):			
	Quantity.....	1,000 short tons.....	(D)	60.1
	Cost.....	Million dollars.	(D)	0.4
	Fuel oil, total:			
	Quantity.....	1,000 barrels...	771.7	256.6
	Cost.....	Million dollars.	2.5	1.31
291141	Distillate:			
	Quantity.....	1,000 barrels...	284.0	(D)
	Cost.....	Million dollars.	1.3	(D)
291151	Residual:			
	Quantity.....	1,000 barrels...	487.7	(D)
	Cost.....	Million dollars.	1.3	(D)
131300 331217 331218 291104	Gas (natural, manufactured mixed, blast-furnace, coke-oven, and other gas):			
	Quantity.....	Million cu. ft..	1,599.1	3,507.5
	Cost.....	Million dollars.	2.0	1.9
291111 960011 960013 960017	Other fuels (gasoline, LPG, wood, etc.).....	...do.....	(D)	0.7
	Fuels, n.s.k.....	...do.....	0.7	0.7
	Purchased electric energy:			
	Quantity.....	Million kw.-hrs.	1,168.9	434.3
	Cost.....	Million dollars.	13.3	5.4
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs.	(D)	(D)
	Total energy used for heat and power <sup>1</sup> .....	Million kw.-hrs. equivalent.....	4,099.8	2,981.5

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms, for discussion of items.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuel used for heat and power.

TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Mechanical measuring devices (SIC 3821)
	Cost of purchased fuels and electric energy, total....	Million dollars.	8.2
	Cost of purchased fuels, total.....	Million dollars.	2.3
121005	Coal (anthracite, bituminous, and lignite):		
	Quantity.....	1,000 short tons	-
	Cost.....	Million dollars.	-
331212 } 331213 }	Coke, screenings, and breeze:		
	Quantity.....	1,000 short tons	-
	Cost.....	Million dollars.	-
	Fuel oil, total:		
	Quantity.....	1,000 barrels...	(X)
	Cost.....	Million dollars.	(Z)
291141	Distillate:		
	Quantity.....	1,000 barrels...	(X)
	Cost.....	Million dollars.	(Z)
291151	Residual:		
	Quantity.....	1,000 barrels...	-
	Cost.....	Million dollars.	-
131300 } 331217 } 331218 } 291104 }	Gas (natural, manufactured mixed, blast-- furnace, coke-oven, and other gas):		
	Quantity.....	Million cu. ft..	(X)
	Cost.....	Million dollars	(Z)
291111 } 960011 } 960013 } 960017 }	Other fuels (gasoline, LPG, wood, etc.).....	Million dollars.	(Z)
	Fuels, NSK.....	Million dollars.	2.2
	Purchased electric energy:		
	Quantity.....	Million kw.-hrs.	399.2
	Cost.....	Million dollars.	5.9
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs.	0.6
	Total energy used for heat and power <sup>1</sup> .....	Million kw.-hrs. equivalent.....	1,582.0

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not available. (Z) Less than \$50 thousand.  
(NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.



TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Photographic equipment and supplies (SIC 3861)
	Cost of purchased fuels and electric energy, total....	Million dollars..	18.8
	Cost of purchased fuels, total.....	...do.....	9.5
121005	Coal (anthracite, bituminous, and lignite):		
	Quantity.....	1,000 short tons.	( <sup>1</sup> )
	Cost.....	Million dollars..	( <sup>1</sup> )
331212	Coke, screenings, and breeze:		
331213			
	Quantity.....	1,000 short tons.	(Z)
	Cost.....	Million dollars..	(Z)
	Fuel oil, total:		
	Quantity.....	1,000 barrels....	233.2
	Cost.....	Million dollars..	0.8
291141	Distillate:		
	Quantity.....	1,000 barrels....	162.5
	Cost.....	Million dollars..	0.6
291151	Residual:		
	Quantity.....	1,000 barrels....	70.7
	Cost.....	Million dollars..	0.2
131300	Gas (natural, manufactured mixed, blast-furnace, coke-oven, and other gas):		
331217			
331218			
291104	Quantity.....	Million cu. ft...	2,439.0
	Cost.....	Million dollars..	1.7
291111	Other fuels (gasoline, LPG, wood, etc.).....		
960011		...do.....	15.6
960013	Fuels, n.s.k.....		
960017		...do.....	1.4
	Purchased electric energy:		
	Quantity.....	Million kw.-hrs..	776.8
	Cost.....	Million dollars..	9.3
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs..	575.4
	Total energy used for heat and power <sup>2</sup> .....	Million kw.-hrs. equivalent.....	8,407.9

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Included with code 960013, "Other fuels," to avoid disclosure of figures for individual companies.

<sup>2</sup>Represents the quantity of purchased electric energy and the kilowatt-hours equivalent of all fuels used for heat and power.

TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See Appendix, Explanation of Terms)

Item	Industry		
	Unit of measure	Games and toys (SIC 3941)	Sporting and athletic goods, n.e.c. (SIC 3949)
Cost of purchased fuels and electric energy, total.....	Million dollars.	7.8	6.3
Cost of purchased fuels, total.....	...do.....	2.0	2.2
Purchased electric energy:			
Quantity.....	Million kw.-hrs.	369.3	304.0
Cost.....	Million dollars.	5.8	4.1
Quantity of electric energy generated less quantity sold.....	Million kw.-hrs.	-	1.5
Total energy used for heat and power <sup>1</sup> .....	Million kw.-hrs. equiv.....	1,387.3	1,423.8

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: -Represents zero. (X) Not applicable. (NA) Not available.  
(D) Withheld to avoid disclosing figures for individual companies. (Z) Under \$50 thousand.

<sup>1</sup>Represents the quantity of purchased electric energy and the kilowatt-hours equivalent of all fuels used for heat and power.

TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

Product	Item	Unit of measure	Signs and advertising displays (SIC 3993)
	Cost of purchased fuels and electric energy, total....	Million dollars.	7.1
	Cost of purchased fuels, total.....	...do.....	2.8
	Purchased electric energy:		
	Quantity.....	Million kw.-hrs.	228.2
	Cost.....	Million dollars.	4.3
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs.	-
	Total energy used for heat and power <sup>1</sup> .....	Million kw.-hrs. equiv.....	1,715.0

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available.  
(D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Represents the quantity of purchased electric energy and the kilowatt-hours equivalent of all fuels used for heat and power.

TABLE 7B. Fuels and Electric Energy Consumed: 1967-Continued

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Complete guided missiles (SIC 1925)	Ammunition, except for small arms, n.e.c. (SIC 1929)
	Cost of purchased fuels and electric energy, total....	Million dollars.	18.8	21.3
	Cost of purchased fuels, total.....	...do.....	3.0	8.8
	Purchased electric energy:			
	Quantity.....	Million kw.-hrs.	1,843.9	1,483.2
	Cost.....	Million dollars.	15.8	12.5
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs.	-	-
	Total energy used for heat and power <sup>1</sup> .....	Million kw.-hrs. equivalent.....	3,699.4	5,962.4

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.





# Chapter 7

## Water Use in Manufacturing

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## WATER USE IN MANUFACTURING: 1968

### GENERAL

This report contains statistics showing the use of water by manufacturing industries in 1968 with selected comparable data for 1964.

Information on industrial water use by manufacturing establishments was first collected and published by the Bureau of the Census in the 1953 Annual Survey of Manufactures. In the 1963 Census of Manufactures, as in the 1954 Census, information on water use was collected from all manufacturing establishments employing six or more people, except for establishments in the printing and publishing and apparel industries. The latter establishments are relatively small water users and/or operate primarily in rented quarters where water is generally furnished by the landlord. The detailed information on water utilization for 1968 was collected and published for those manufacturing establishments using 20 million gallons of water or more per establishment.

Information was not collected in the 1958 Census of Manufactures. However, a special post-census survey was taken in 1959, which included all establishments reporting water use of 20 million gallons or more in 1954 as well as all companies having at least one establishment with 250 employees or more in the 1958 Census of Manufactures. In industries known to be extensive users of water, all establishments with 100 employees or more were included.

Approximately 85 percent of the 15.5 trillion gallons consumed by manufacturing establishments in 1968 was accounted for by four major industry groups; namely, Primary Metal Industries (Major Group 33), Chemicals and Allied Products (Major Group 28), Paper and Allied Products (Major Group 26), and Petroleum and Coal Products (Major Group 29). In fact, almost all the increase in industrial demand for water from 1964 to 1968 (1,460 billion gallons) can be attributed to these four major industry groups. Even within these major groups, specific industries accounted for the major share: Blast furnaces and steel mills consumed about 26 percent of the total manufacturing consumption of water and manufacturers of industrial chemicals used about 22 percent of the total. About 60 percent of industrial water was consumed by establishments located in five Water-Use Regions; namely, the Delaware and Hudson, the Ohio River, the Eastern Great Lakes, the Western Great Lakes, and the Western Gulf Regions.

### MANUFACTURERS USE OF WATER

While manufacturing industries are important users of water in the United States, the utilization by such establishments is highly concentrated. According to the 1968 survey, establishments with an annual water intake of 20 million gallons of water or more accounted for about 97 percent of water withdrawn for manufacturing purposes. These plants, however, represent only about 4 percent of the total number of manufacturing establishments and employ approximately 44 percent of the total number of persons engaged in manufacturing within the major groups covered in this survey (see Table AA).

### 1968 INDUSTRIAL WATER USE

In the 1967 Census of Manufactures, the standard census forms submitted by all establishments employing 10 people or more, contained a check-type question on water consumption in terms of broad size ranges of gallonage usage. The returns indicated that, of the total number of establishments with ten employees or more, approximately 10,500



establishments reported using 20 million gallons of water or more. These "large" water users were included in the special water survey for 1968 (MC-D13A) and of that number, 9,400 establishments reported, for 1968, detailed information on water use by source; purpose of water intake; point of discharge, and kind of water treatment. Excluded from the 1968 survey were establishments in Major Groups 23, Apparel, and 27, Printing and Publishing. Data were collected for Major Group 19, Ordnance and Accessories; however, the water intake is not shown separately for this group. All data for water use exclude government owned establishments operated by private contractors for the account of the Atomic Energy Commission. The 1968, 1964, and 1959 figures, but not those for 1954, include data for establishments located in Alaska and Hawaii.

While the quantity of water intake by manufacturing establishments is relatively large, the quantities actually consumed in process, by evaporation, etc., is only about 8 percent of the withdrawals. Data on net use, as defined above, may be calculated in the tables shown in this report by subtracting water discharged from water intake. Gross water use, as shown in the tables, reflects recirculation or reuse of the water in the same establishments and partially reflects water management. While no measure of the deterioration of the water resulting from use is available, data are shown for the quantities of intake water treated as well as for treatment of water for discharge.

The tables appearing in this chapter (tables 1 to 9) provide statistics for establishments using 20 million gallons or more annually, and include those which recirculate and those which treat discharge water. The arrangement of the data is by industry, industrial water-use region, and State. The boundaries for States are political, while those for industrial water-use regions are combinations of counties without regard for State lines. These regions, which center around river basins, were developed in consultations with the Federal agencies having responsibility for water development or use and with representatives of private industry and they approximate the major drainage systems in the country. The areas included are shown in a series of maps appearing in this report. The industry classifications used are based on the 1967 edition of the Standard Industrial Classification (SIC) manual (see Introduction).

Totals for water use have been provided for the SIC industry classifications at the 2-, 3-, and 4-digit levels. Differences in manufacturing processes are not as great at the SIC 4-digit level as at the higher order 2- and 3-digit levels. Accordingly, the water-use statistics are most meaningful when examined on a 4-digit SIC basis and related to the processes, products, employment data, etc., at that level. The aggregations at the 3-, but particularly at the 2-digit levels, represent totals for industries which differ widely in processes used, materials fabricated, or products produced. (See Introduction--Industry Classification of Establishments.) Thus, for example, the water consumption use for Major Group 26, Paper and Allied Products, will differ in the Pacific Northwest Water Use Region from that in California Water Use Region because of industrial composition as well as because of geography or other factors.

#### WATER, EMPLOYMENT, VALUE ADDED, AND VALUE OF SHIPMENTS

While industrial processes and geography determine very largely the consumption pattern of water intake, differing manufacturing practices and institutional variations also affect the use and reuse of water. Measures regarding the relationship of water intake and water management to industrial activity are frequently needed to gauge present and future industrial water requirements.

To facilitate such studies at either local or regional levels, the tables shown in this report contain data showing, for selected industrial groups, the employment, value added by manufacture, and value of shipments, for significant water users which, as indicated above, account for practically all industrial water consumption. The most valid use of these data is to provide measures of industrial activity for significant water-using establishments as

well as to show those establishments which circulate water, treat water discharge or use water for other purposes. The industrial activity measures (employment, value of shipments, and value added by manufacture) are from the census of manufactures covering the year 1967.

#### DEFINITION OF INDUSTRIAL WATER USE TERMS

The terms "establishments," "manufacturing industries," "industry classifications," "Standard Industrial Classification," "employment," "value of shipments," value added," are defined in the Introduction.

#### Water Intake:

Public Water System. Fresh water supplied by a water system (whether publicly or privately owned) whose primary purpose is to supply water to the general public. The data also include fresh water supplied by systems whose principal function is to supply water to industrial users.

Company Water System. Fresh water supplied from a company's water supply system or obtained from another company where the supplying company is not primarily a water supplier to the general public and/or industrial users. The data also include only that portion of fresh water obtained from a joint water supply system operated by the reporting company.

Brackish water is defined as all water with more than 1,000 parts per million of dissolved solids.

Gross Water Used. Represents the estimated quantity of water that would have been required if no water had been recirculated or reused. For example, if total water intake was 400 million gallons and of this 400 million gallons, 100 million gallons were used twice for cooling purposes and once for washing products or materials, the total water required would be 300 million gallons, plus the 300 million gallons not recirculated, for a total of 600 million gallons (less consumption and evaporation loss).

#### Water Discharged:

Total. Quantity of water brought to ultimate discharge point. The data exclude quantities of water held in ponds, lagoons, or basins, for reuse or treatment, or water discharged by evaporation processes.

Ground. Includes quantities which seep into ground from collection basins, such as ponds, lagoons, etc.

Transferred to Others Users. Includes quantities transferred after use, to another establishment of either your company or another company.

Water Treated. The total quantity of water treated for control of biological growth, removal of suspended or dissolved solids, for corrosion control, or for any other purpose by simple or complex methods.

Water Intake Treated. Excludes quantities of intake water treated only by chlorination.

Water Discharge Treated. Includes quantities treated for discharge by all methods, including chlorination.

Table AA. **Comparative Statistics for All Establishments and Those Establishments Consuming 20 Million Gallons of Water or More in 1968**

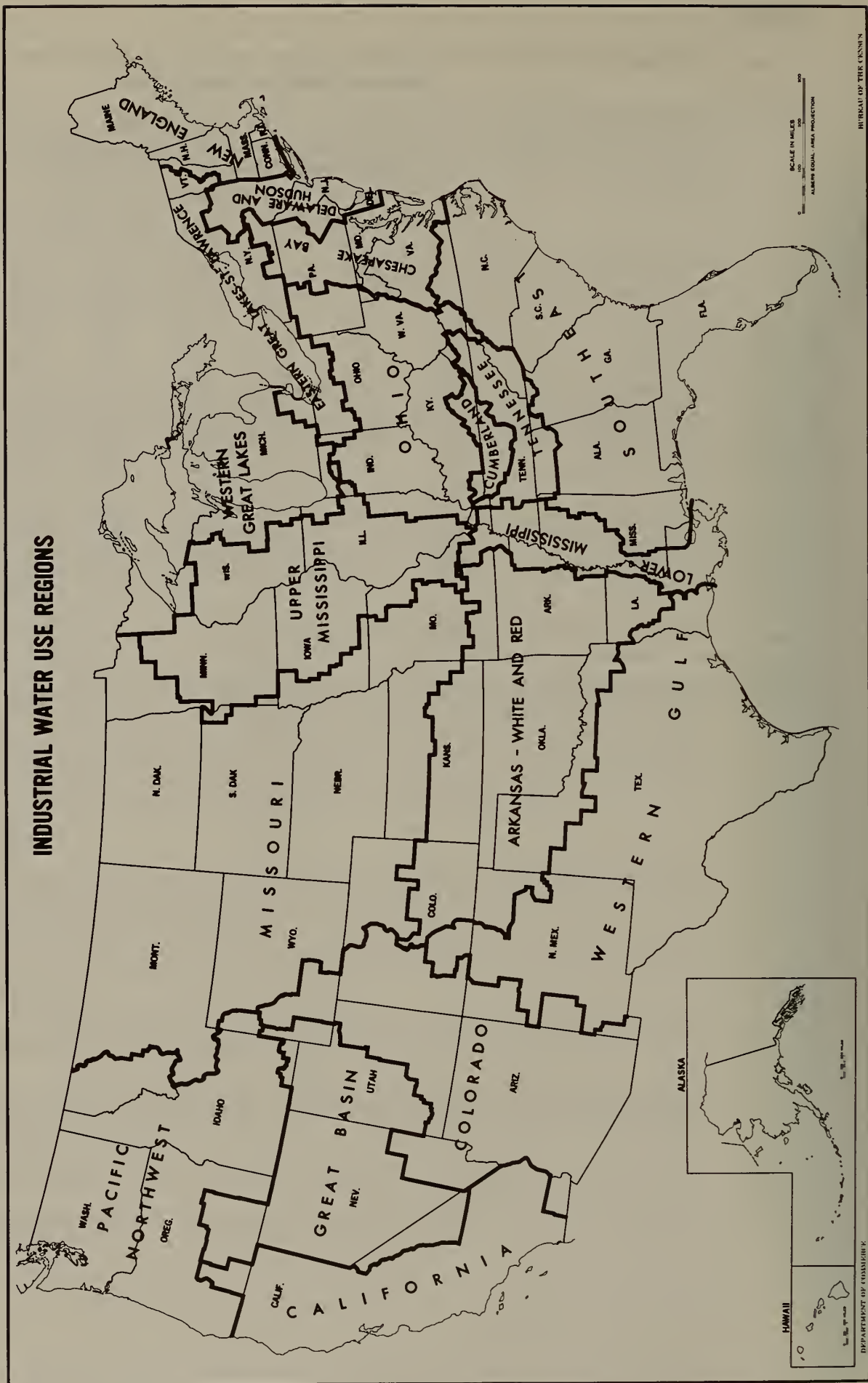
Code	Industry group	Establishments			All employees			Value added by manufacture		
		Total	Establishments reporting water consumption of 20 million gallons or more		Employees of all establishments (1,000)	Establishments reporting water consumption of 20 million gallons or more		All establishments (million dollars)	Establishments reporting water consumption of 20 million gallons or more	
			Number	Percent of total		Number	Percent of total		Value (million dollars)	Percent of total
		(number)				(1,000)				
	United States, total <sup>1</sup> .....	241,298	9,402	3.9	16,104	7,276	44.2	237,565	125,417	52.8
20	Food and kindred products.....	32,518	2,345	7.2	1,650	633	38.4	26,621	12,067	45.3
21	Tobacco manufactures.....	329	24	7.3	75	32	42.7	2,032	1,299	63.9
22	Textile mill products.....	7,080	684	9.7	929	414	44.6	8,153	3,732	45.8
24	Lumber and wood products.....	36,795	188	0.5	554	63	11.4	4,973	643	12.9
25	Furniture and fixtures.....	10,008	55	0.5	425	51	12.0	4,170	560	13.4
26	Paper and allied products.....	5,890	619	10.5	639	268	41.9	9,756	4,968	50.9
28	Chemicals and allied products.....	11,799	1,125	9.5	841	527	62.7	23,550	16,131	68.5
29	Petroleum and coal products.....	1,880	260	13.8	142	106	74.6	5,426	4,612	85.0
30	Rubber and plastics products, n.e.c.	6,456	301	4.7	517	214	41.4	6,800	3,352	49.3
31	Leather and leather products.....	3,685	92	2.5	329	32	9.7	2,627	323	12.3
32	Stone, clay, and glass products....	15,580	586	3.8	590	225	38.1	8,333	3,820	45.8
33	Primary metal industries.....	6,837	841	12.3	1,281	895	70.0	19,978	14,798	74.1
34	Fabricated metal products.....	27,418	569	2.1	1,342	357	26.6	18,043	5,400	29.9
35	Machinery, except electrical.....	37,892	471	1.2	1,864	673	36.1	27,836	10,898	39.2
36	Electrical equipment and supplies...	10,706	562	5.2	1,875	979	52.2	24,487	13,728	56.1
37	Transportation equipment.....	7,483	392	5.2	1,834	1,304	71.1	28,174	21,401	76.0
38	Instruments and related products....	4,453	107	2.4	394	176	44.7	6,418	3,215	50.1
39	Miscellaneous manufacturing industries.....	14,072	97	0.7	423	58	13.7	4,599	805	17.5

Note: Detailed figures may not add to totals because of independent rounding.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Excludes data for establishments in major groups 23 and 27 which were not covered in this survey. Data for major group 19 establishments are included but are not shown separately. Also excluded are data for central administrative offices and auxiliary unit.





# INDUSTRIAL WATER USE REGIONS



# INDUSTRIAL WATER USE REGIONS



U.S. DEPARTMENT OF COMMERCE

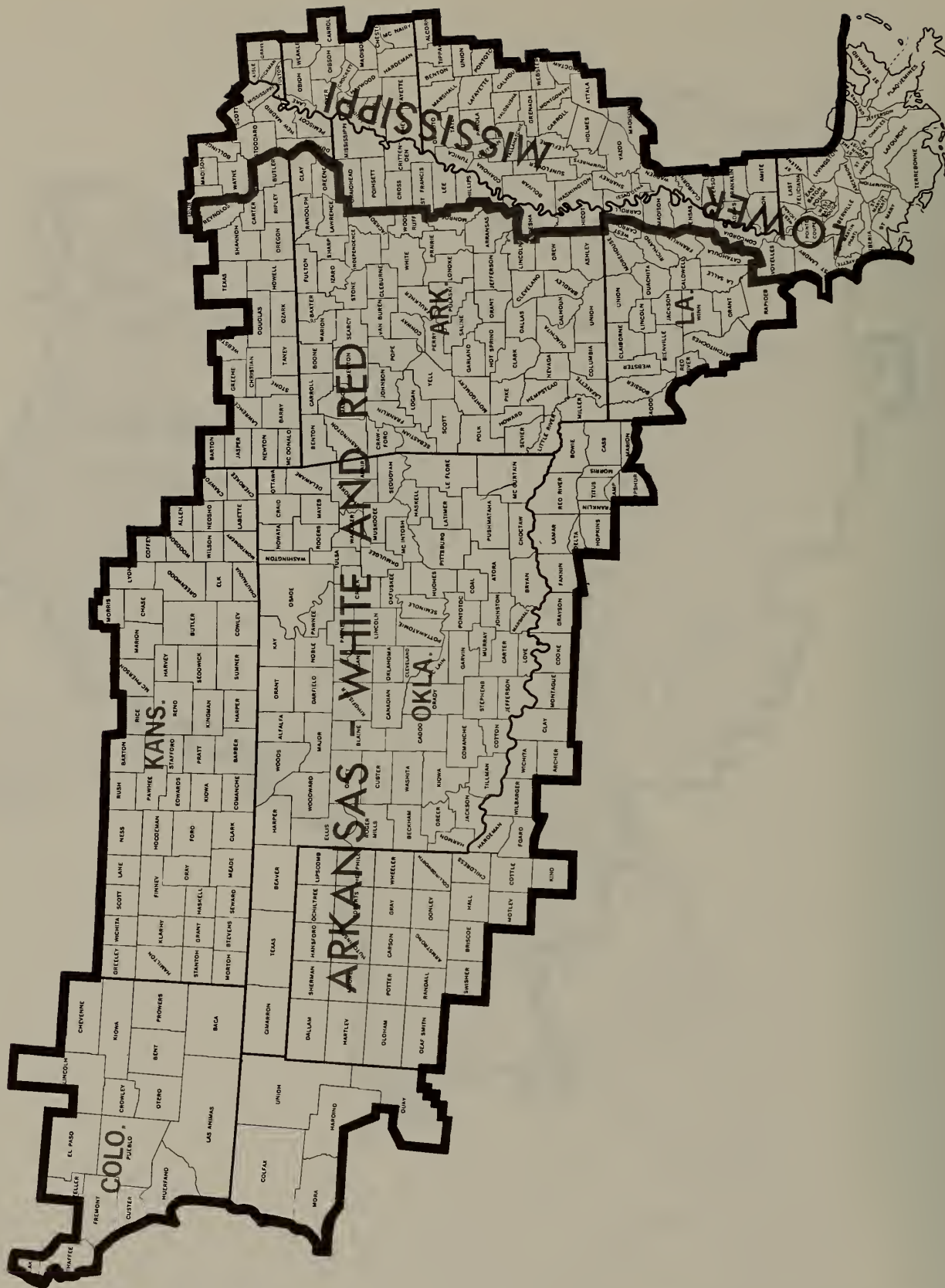
BUREAU OF THE CENSUS



# INDUSTRIAL WATER USE REGIONS



# INDUSTRIAL WATER USE REGIONS



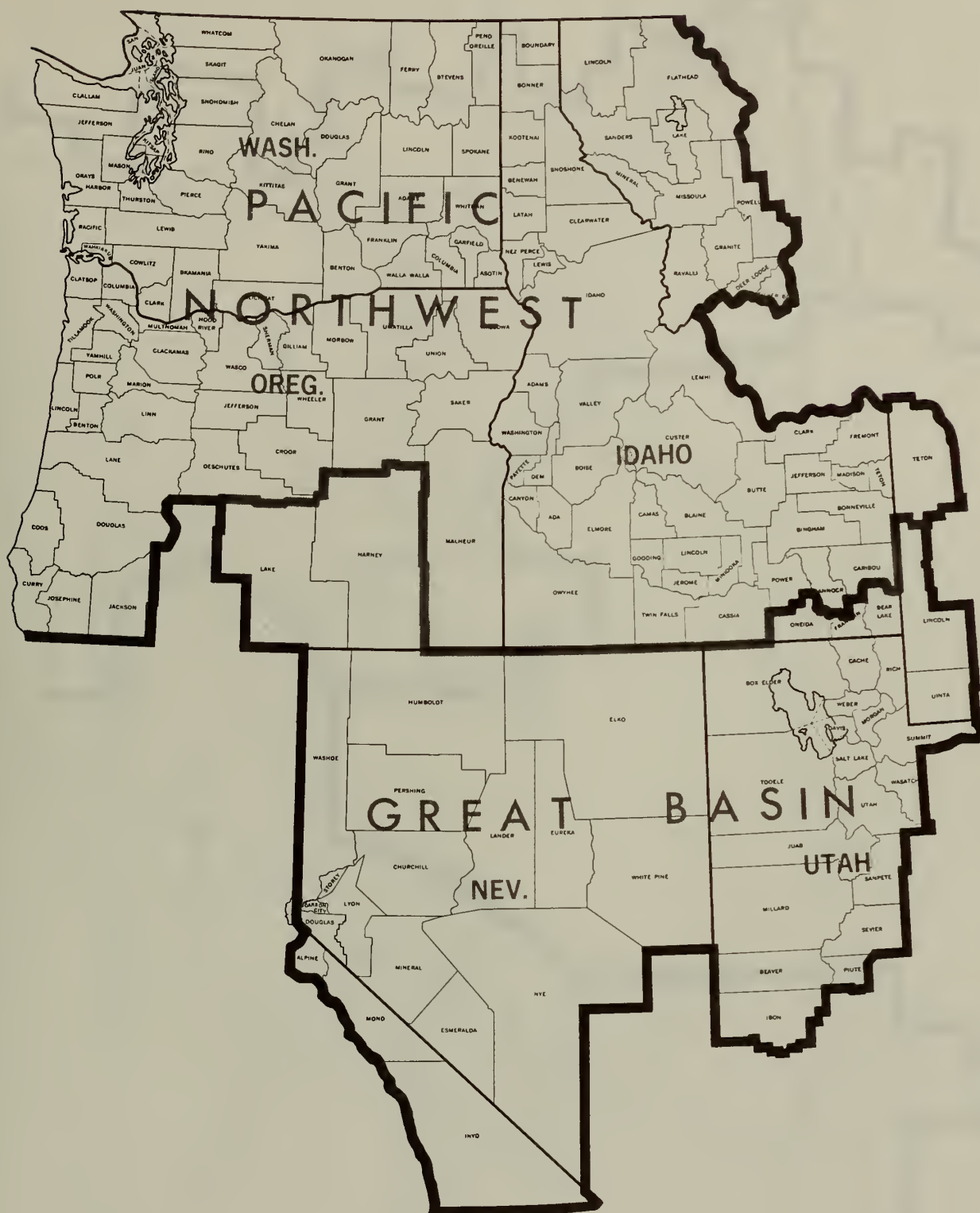
# INDUSTRIAL WATER USE REGION



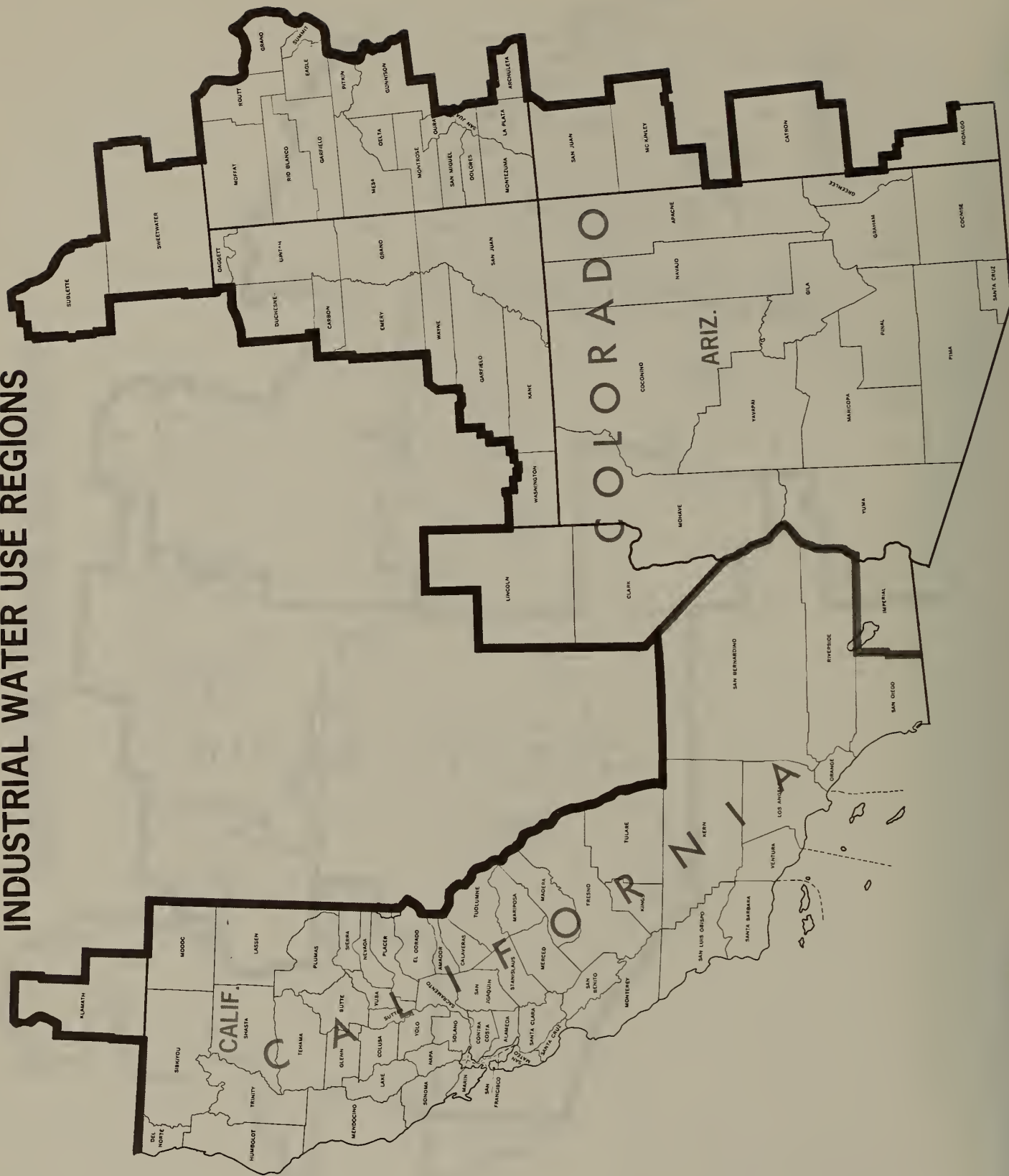


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## INDUSTRIAL WATER USE REGIONS



# INDUSTRIAL WATER USE REGIONS





## 7-15



BUREAU OF THE CENSUS

TABLE 1A. Water Use in Manufacturing Industries by Major Industry Groups: 1968, 1964, 1959  
and 1954

(All water data in billions of gallons)

Code	Industry group	Year	Water intake			Gross water used including water recirculated or reused	Water discharged		All employees <sup>1</sup> (1,000)
			Total	Fresh	Brackish		Total	Treated prior to discharge	
	All industries, total <sup>2</sup> .....	1968	15,467	12,454	3,013	35,701	14,276	4,353	7,276
		1964	14,007	11,177	2,830	29,857	13,111	3,811	6,397
		1959	12,131	9,689	2,442	26,257	11,445	2,666	6,560
		1954	11,570	9,948	1,622	21,042	10,789	1,373	6,929
20	Food and kindred products.....	1968	811	740	71	1,346	753	185	633
		1964	760	681	79	1,191	688	158	626
		1959	624	555	69	1,298	571	74	618
		1954	616	556	60	1,318	550	38	672
21	Tobacco manufactures.....	1968	6	6	-	77	5	(Z)	32
		1964	3	3	-	64	2	(Z)	31
		1959	3	3	-	44	2	(Z)	43
		1954	3	3	-	11	2	-	34
22	Textile mill products.....	1968	154	152	2	328	136	54	414
		1964	148	146	1	269	135	35	353
		1959	135	135	1	182	120	17	378
		1954	184	181	3	211	147	13	454
24	Lumber and wood products.....	1968	118	101	17	205	93	19	63
		1964	151	126	24	217	123	34	66
		1959	140	116	24	184	126	31	75
		1954	133	107	26	160	109	1	85
25	Furniture and fixtures.....	1968	4	4	(Z)	6	4	(Z)	51
		1964	3	3	-	4	3	(Z)	35
		1959	3	2	(Z)	4	2	(Z)	31
		1954	7	7	(Z)	8	4	(Z)	42
26	Paper and allied products.....	1968	2,252	2,083	169	6,522	2,078	915	268
		1964	2,064	1,911	153	5,491	1,942	707	249
		1959	1,937	1,768	170	6,046	1,824	763	282
		1954	1,786	1,651	135	4,242	1,620	201	251
28	Chemicals and allied products.....	1968	4,476	2,950	1,526	9,416	4,175	674	527
		1964	3,899	2,554	1,345	7,726	3,688	589	480
		1959	3,240	2,083	1,157	5,225	3,061	499	434
		1954	2,685	2,172	513	4,293	2,550	332	447
29	Petroleum and coal products.....	1968	1,435	820	615	7,290	1,217	918	106
		1964	1,398	710	688	6,161	1,317	1,006	119
		1959	1,319	719	600	5,780	1,204	656	142
		1954	1,245	637	608	4,152	1,134	458	155
30	Rubber and plastics products, n.e.c....	1968	135	131	4	269	128	7	214
		1964	124	123	1	247	116	9	210
		1959	127	122	4	218	119	4	212
		1954	131	126	5	210	124	1	210
31	Leather and leather products.....	1968	16	16	(Z)	20	15	10	32
		1964	14	14	(Z)	16	11	7	26
		1959	12	12	(Z)	14	12	2	26
		1954	20	19	1	22	18	4	37
32	Stone, clay, and glass products.....	1968	251	214	37	413	218	36	225
		1964	249	209	39	389	218	41	218
		1959	251	222	29	412	264	11	231
		1954	279	258	21	575	254	27	207
33	Primary metal industries.....	1968	5,005	4,486	518	7,780	4,696	1,431	895
		1964	4,600	4,168	432	6,702	4,312	1,159	814
		1959	3,702	3,408	294	5,673	3,551	536	852
		1954	3,842	3,621	221	4,947	3,682	270	912
34	Fabricated metal products.....	1968	68	62	5	169	65	9	357
		1964	52	50	2	137	50	6	258
		1959	44	42	1	71	41	3	316
		1954	113	112	1	136	102	5	358

See footnotes at end of table.

TABLE 1A. Water Use in Manufacturing Industries by Major Industry Groups: 1968, 1964, 1959  
and 1954—Continued

(All water data in billions of gallons)

Code	Industry group	Year	Water intake			Gross water used including water recirculated or reused	Water discharged		All employees <sup>1</sup> (1,000)
			Total	Fresh	Brackish		Total	Treated prior to discharge	
35	Machinery, except electrical.....	1968	189	164	25	338	181	25	673
		1964	158	130	27	274	150	12	531
		1959	171	147	23	251	165	31	514
		1954	114	111	3	153	116	3	690
36	Electrical equipment and supplies.....	1968	127	125	2	370	118	28	979
		1964	102	101	1	274	88	15	800
		1959	93	82	11	159	88	7	567
		1954	114	103	11	130	90	5	464
37	Transportation equipment.....	1968	313	295	18	911	293	23	1,304
		1964	242	189	53	602	233	24	1,206
		1959	260	203	56	522	229	22	1,285
		1954	231	222	9	325	215	9	1,418
38	Instruments and related products.....	1968	38	37	(Z)	118	36	13	176
		1964	29	29	(Z)	76	26	9	146
		1959	23	23	(Z)	60	22	7	153
		1954	19	19	(Z)	54	18	(Z)	140
39	Miscellaneous manufacturing industries	1968	14	11	4	24	13	(Z)	58
		1964	13	13	-	22	12	(Z)	43
		1959	14	13	(Z)	20	13	1	45
		1954	21	16	5	24	21	6	66

Note: Detailed figures may not add to totals because of independent rounding.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Less than 500 million gallons.

<sup>1</sup>Represents employees in establishments consuming 20 million gallons or more water.

<sup>2</sup>Figures for 1964 exclude and figures for 1959 include, establishments classified in Major Groups 23 and 27. In 1959, such establishments had total water intake of 23 billion gallons, gross water use of 58 billion gallons, discharge of 22 billion gallons of water, and 152 thousand employees. Data for Major Group 19 are included in all total figures but are not separately available.



TABLE 1B. Water Intake, Gross Water Used, and Water Discharged by Industry Group and Selected Industries: 1968 and 1964

(Billion gallons)											
Code	Industry group and industry	1968					1964				
		Water intake		Gross water used, including water re-circulated or reused	Water discharged		Water intake		Gross water used, including water re-circulated or reused	Water discharged	
		Total	Treated prior to use		Total	Treated prior to discharge	Total	Treated prior to use		Total	Treated prior to discharge
	United States, total.....	15,467	3,506	35,701	14,276	4,353	14,007	2,625	29,857	13,111	3,811
20	Food and kindred products.....	811	137	1,346	753	185	760	113	1,191	688	158
201	Meat products.....	105	24	170	100	39	105	21	165	99	39
2011	Meatpacking plants.....	70	21	125	67	31	84	19	138	78	36
2013	Sausages and other prepared meats.....	6	1	11	5	1	4	(Z)	8	4	(Z)
2015	Poultry dressing plants.....	29	2	33	27	7	17	1	19	17	3
202	Dairy products.....	56	6	78	53	2	62	7	103	58	9
2021	Creamery butter.....	7	1	9	6	(Z)	8	1	10	7	1
2022	Cheese, natural and processed.....	4	1	4	4	(Z)	3	(Z)	4	2	(Z)
2023	Condensed and evaporated milk.....	14	1	18	13	1	18	2	31	17	3
2024	Ice cream and frozen desserts.....	3	(Z)	6	3	-	4	(Z)	10	3	(Z)
2026	Fluid milk.....	29	3	40	27	1	31	3	49	29	6
203	Canned, cured, and frozen foods.....	129	14	226	120	48	92	14	152	87	31
2031	Canned and cured seafoods.....	2	(Z)	3	2	(Z)	2	(Z)	2	2	(Z)
2032	Canned specialties.....	17	5	22	14	8	13	7	15	11	1
2033	Canned fruits and vegetables.....	42	5	73	38	16	35	3	51	33	13
2034	Dehydrated food products.....	5	(Z)	9	5	3	4	(Z)	30	4	3
2035	Pickles, sauces, and salad dressings.....	3	(Z)	5	3	1	3	(Z)	5	3	1
2036	Fresh or frozen packaged fish.....	2	(Z)	2	2	(Z)	1	(Z)	1	1	(Z)
2037	Frozen fruits and vegetables.....	57	3	113	56	20	34	2	49	33	12
204	Grain mill products.....	75	12	122	67	6	58	12	83	50	5
2041	Flour and other grain mill products.....	3	(Z)	3	3	(Z)	2	(Z)	2	1	(Z)
2042	Prepared feeds for animals and fowls.....	5	2	6	4	1	3	1	3	2	(Z)
2043	Cereal preparations.....	4	1	5	4	(Z)	5	1	5	3	1
2046	Wet corn milling.....	62	10	107	56	4	48	10	72	42	4
205	Bakery products.....	4	1	11	3	(Z)	4	1	9	4	(Z)
2051	Bread, cake, and related products.....	2	(Z)	4	2	(Z)	2	(Z)	2	1	(Z)
2052	Cookies and crackers.....	2	1	7	2	(Z)	2	1	7	2	(Z)
206	Sugar.....	243	46	358	233	71	242	29	327	220	55
2061	Raw cane sugar.....	114	16	165	112	35	123	4	167	113	19
2062	Cane sugar refining.....	84	4	100	81	5	65	3	74	59	2
2063	Beet sugar.....	45	26	94	40	32	54	22	86	49	34
207	Confectionery and related products.....	19	2	36	19	1	19	1	34	18	(Z)
208	Beverages.....	112	19	211	97	7	108	18	172	93	7
2082	Malt liquors.....	66	12	141	58	4	59	10	94	51	5
2083	Malt.....	9	1	19	8	2	7	2	18	7	1
2084	Wines, brandy, and brandy spirits.....	3	1	5	3	1	4	(Z)	6	4	(Z)
2085	Distilled liquor, except brandy.....	22	3	29	18	(Z)	30	3	45	26	(Z)
2086	Bottled and canned soft drinks.....	8	3	9	6	1	6	2	8	5	(Z)
2087	Flavoring extracts and sirups, n.e.c.....	1	(Z)	1	1	(Z)	2	(Z)	2	1	(Z)
209	Miscellaneous foods and kindred products.....	70	13	135	61	11	69	11	145	59	11
2092	Soybean oil mills.....	14	5	39	12	1	13	3	28	11	2
2094	Animal and marine fats and oils.....	9	(Z)	12	8	3	9	1	11	8	2
2095	Roasted coffee.....	3	(Z)	6	2	-	2	1	6	2	-
2096	Shortening and cooking oils.....	17	5	44	15	5	17	4	46	12	5
2099	Food preparations, n.e.c.....	18	1	22	17	1	16	1	19	15	1
21	Tobacco manufactures.....	6	1	77	5	1	3	1	64	2	(Z)
2111	Cigarettes.....	3	1	70	2	(Z)	2	1	63	2	(Z)
22	Textile mill products.....	154	89	328	136	54	148	90	269	135	35
2211	Weaving mills, cotton.....	34	21	101	28	10	27	19	87	23	6
2221	Weaving mills, synthetics.....	13	7	44	11	5	10	5	27	9	2
2231	Weaving and finishing mills, wool.....	16	10	24	14	6	19	11	20	18	4
225	Knitting mills.....	11	5	15	11	2	7	4	11	6	2
2251	Women's hosiery, except socks.....	2	1	2	2	(Z)	1	1	4	1	-
2252	Hosiery, n.e.c.....	1	(Z)	1	1	(Z)	1	(Z)	1	1	(Z)
2253	Knit outerwear mills.....	2	1	2	2	(Z)	1	1	1	1	(Z)
2254	Knit underwear mills.....	2	1	2	1	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
2256	Knit fabric mills.....	5	3	7	5	2	3	2	4	3	1

See footnotes at end of table.

TABLE 1B. Water Intake, Gross Water Used, and Water Discharged by Industry Group and Selected Industries: 1968 and 1964--Continued

(Billion gallons)

Code	Industry group and industry	1968					1964				
		Water intake		Gross water used, including water re-circulated or reused	Water discharged		Water intake		Gross water used, including water re-circulated or reused	Water discharged	
		Total	Treated prior to use		Total	Treated prior to discharge	Total	Treated prior to use		Total	Treated prior to discharge
22	Textile mill products--Continued										
226	Textile finishing, except wool.....	52	33	59	46	22	59	40	67	54	13
2261	Finishing plants, cotton.....	28	19	32	25	11	37	27	44	34	8
2262	Finishing plants, synthetics.....	18	11	21	16	10	17	10	19	16	4
2269	Finishing plants, n.e.c.....	5	3	6	5	1	4	3	4	4	(Z)
227	Floor covering mills.....	11	5	20	9	3	7	4	23	7	2
228	Yarn and thread mills.....	10	6	39	10	5	7	5	13	6	2
2281	Yarn mills, except wool.....	4	2	31	3	1	3	1	6	2	(Z)
2283	Wool yarn mills.....	1	1	2	1	1	2	1	3	2	1
2284	Thread mills.....	5	3	6	5	3	2	2	3	2	1
229	Miscellaneous textile goods.....	8	2	24	6	2	12	3	21	12	4
2295	Coated fabrics, not rubberized.....	4	1	13	3	(Z)	4	1	8	4	1
24	Lumber and wood products.....	118	10	205	93	19	151	14	217	123	34
242	Sawmills and planing mills.....	87	5	130	68	11	114	8	157	93	30
2421	Sawmills and planing mills, general.....	87	5	130	68	11	113	8	157	93	30
243	Millwork, plywood, and related products.	18	2	55	16	4	12	2	19	10	(Z)
2432	Veneer and plywood.....	17	2	54	15	4	11	1	18	10	(Z)
249	Miscellaneous wood products.....	12	3	18	9	3	9	4	24	6	3
2491	Wood preserving.....	1	(Z)	1	1	(Z)	1	(Z)	1	(Z)	(Z)
2499	Wood products, n.e.c.....	11	2	16	8	3	9	4	23	6	3
25	Furniture and fixtures.....	4	(Z)	6	4	(Z)	3	1	4	3	(Z)
251	Household furniture.....	2	(Z)	4	2	(Z)	1	(Z)	2	1	(Z)
2511	Wood household furniture.....	2	(Z)	3	1	(Z)	1	(Z)	1	1	(Z)
26	Paper and allied products.....	2,252	1,311	6,522	2,078	915	2,064	987	r 5,491	1,942	707
2611	Pulpmills.....	271	209	812	265	83	r 279	162	r 892	271	74
2621	Papermills, except building paper.....	1,194	725	3,120	1,073	467	r 1,131	573	r 2,596	1,067	374
2631	Paperboard mills.....	723	357	2,430	687	349	577	232	r 1,812	543	242
264	Miscellaneous converted paper products..	23	9	52	21	8	42	18	107	38	9
2641	Paper coating and glazing.....	7	3	11	7	3	26	14	69	23	7
2646	Pressed and molded pulp goods.....	5	1	11	4	1	5	1	11	5	1
265	Paperboard containers and boxes.....	6	1	14	5	2	5	1	11	3	2
2654	Sanitary food containers.....	2	(Z)	6	1	(Z)	1	(Z)	5	1	(Z)
2661	Building paper and board mills.....	37	11	93	26	6	31	2	r 73	25	5
28	Chemicals and allied products.....	4,476	590	9,416	4,175	674	r 3,899	r 455	r 7,726	r 3,688	r 589
281	Industrial chemicals.....	3,368	374	6,657	3,167	466	r 3,030	r 302	r 5,840	r 2,894	r 430
2812	Alkalies and chlorine.....	386	63	574	364	117	528	31	r 628	509	129
2815	Cyclic intermediates and crudes.....	139	17	366	129	50	r 111	r 18	r 281	r 103	r 50
2818	Industrial organic chemicals, n.e.c.....	2,140	172	3,965	2,033	142	1,708	r 131	3,319	1,660	114
2819	Industrial inorganic chemicals, n.e.c....	515	90	1,432	468	133	r 506	95	r 1,320	r 454	r 110
282	Plastics materials and synthetics.....	635	134	1,625	582	142	530	r 101	r 1,231	509	119
2821	Plastics materials and resins.....	231	38	501	199	32	218	r 34	470	206	41
2822	Synthetic rubber.....	62	17	338	58	41	61	15	r 236	57	40
2823	Cellulosic manmade fibers.....	182	57	394	176	35	152	33	r 317	150	22
2824	Organic fibers, noncellulosic.....	160	22	393	149	34	98	20	208	96	17
283	Drugs.....	69	5	153	67	7	65	7	121	r 62	6
2834	Pharmaceutical preparations.....	29	4	105	28	3	28	3	79	25	(Z)
284	Soap, cleaners, and toilet goods.....	32	6	45	30	1	32	4	45	23	2
2841	Soap and other detergents.....	21	5	31	20	(Z)	19	2	31	12	2
2851	Paints and allied products.....	7	1	10	7	(Z)	5	1	8	5	1
2861	Gum and wood chemicals.....	21	5	108	19	3	26	5	117	24	4

See footnotes at end of table.

TABLE 1B. Water Intake, Gross Water Used, and Water Discharged by Industry Group and Selected Industries: 1968 and 1964--Continued

(Billion gallons)

Code	Industry group and industry	1968					1964				
		Water intake		Gross water used, including water re-circulated or reused	Water discharged		Water intake		Gross water used, including water re-circulated or reused	Water discharged	
		Total	Treated prior to use		Total	Treated prior to discharge	Total	Treated prior to use		Total	Treated prior to discharge
28	Chemicals and allied products--Con.										
287	Agricultural chemicals.....	131	25	526	114	30	115	18	226	90	17
2871	Fertilizers.....	114	14	474	97	28	113	18	217	89	16
289	Miscellaneous chemical products.....	213	41	293	190	26	94	17	138	81	10
2891	Adhesives and gelatin.....	12	7	19	9	6	12	5	16	11	4
2892	Explosives.....	152	30	187	143	18	28	6	35	27	2
2899	Chemical preparations, n.e.c....	30	2	66	28	2	36	5	64	33	4
29	Petroleum and coal products.....	1,435	200	7,290	1,217	918	1,398	168	6,161	1,317	1,006
2911	Petroleum refining.....	1,427	200	7,279	1,210	917	1,388	167	6,146	1,309	1,004
295	Paving and roofing materials.....	8	(Z)	10	6	1	10	1	14	9	1
30	Rubber and plastics products, n.e.c....	135	27	269	128	7	r124	24	r247	r116	9
3011	Tires and inner tubes.....	62	15	143	59	4	60	14	r141	56	4
3021	Rubber footwear.....	1	(Z)	2	1	(Z)	3	(Z)	4	3	(Z)
3031	Reclaimed rubber.....	2	(Z)	3	2	1	r2	(Z)	r2	2	(Z)
3069	Fabricated rubber products, n.e.c.....	43	3	78	40	1	r40	4	r72	r37	1
3079	Miscellaneous plastics products.....	27	8	42	26	2	r19	6	r28	r18	3
31	Leather and leather products.....	16	3	20	15	10	r14	2	r16	r11	7
3111	Leather tanning and finishing.....	15	3	19	14	10	r14	2	r16	r11	7
32	Stone, clay, and glass products.....	251	50	413	218	36	249	50	389	218	41
3211	Flat glass.....	38	10	71	36	5	38	9	72	37	8
322	Glass and glassware, pressed or blown...	15	4	62	14	4	16	7	47	16	4
3221	Glass containers.....	8	2	19	7	3	7	3	15	7	1
3229	Pressed and blown glass, n.e.c.....	8	2	43	7	1	9	4	32	9	3
3231	Products of purchased glass.....	5	(Z)	7	5	1	5	(Z)	9	5	(Z)
3241	Cement, hydraulic.....	118	9	157	99	2	114	9	151	95	2
325	Structural clay products.....	1	(Z)	2	1	(Z)	1	(Z)	1	1	(Z)
326	Pottery and related products.....	2	(Z)	7	2	(Z)	2	(Z)	6	2	(Z)
327	Concrete, gypsum, and plaster products..	18	1	22	14	4	17	1	25	13	4
3273	Ready-mixed concrete.....	8	(Z)	9	7	2	6	(Z)	8	6	1
3274	Lime.....	5	(Z)	7	4	2	7	(Z)	12	5	3
3275	Gypsum products.....	4	(Z)	5	3	1	3	1	3	2	(Z)
3281	Cut stone and stone products.....	4	(Z)	5	4	1	4	(Z)	5	4	1
329	Miscellaneous nonmetallic mineral products.....	50	25	80	43	20	51	23	72	46	20
3291	Abrasive products.....	5	1	8	5	(Z)	4	(Z)	6	4	(Z)
3292	Asbestos products.....	8	1	17	6	2	8	1	15	7	3
3293	Gaskets and insulations.....	3	(Z)	4	2	(Z)	2	(Z)	3	2	(Z)
3295	Minerals, ground or treated.....	23	17	25	21	13	25	18	29	24	13
3296	Mineral wood.....	7	2	17	4	2	6	1	13	4	(Z)
33	Primary metal industries.....	5,005	971	7,780	4,696	1,431	r4,600	r641	r6,702	r4,312	r1,159
331	Blast furnace and basic steel products..	4,392	920	6,504	4,129	1,355	r4,047	602	r5,718	r3,799	1,103
3312	Blast furnaces and steel mills.....	4,071	916	6,154	3,811	1,301	3,815	598	r5,427	3,569	1,041
3315	Steel wire and related products.....	7	1	10	7	1	r7	(Z)	r8	r6	-
3317	Steel pipe and tubes.....	7	1	11	7	1	r8	(Z)	r13	r7	1
332	Iron and steel foundries.....	49	7	82	39	14	r39	r4	r65	r33	r10
3321	Gray iron foundries.....	36	4	59	28	11	r29	1	r46	r23	r7
3322	Malleable iron foundries.....	6	2	14	5	2	r5	r2	r11	r5	r2
3323	Steel foundries.....	6	(Z)	10	6	1	r5	1	r8	r5	1
333	Primary nonferrous metals.....	442	19	917	412	37	r416	r17	r714	r387	r26
3331	Primary copper.....	58	3	168	37	12	r62	3	r179	r43	8
3332	Primary lead.....	7	(Z)	15	7	2	5	2	11	4	(Z)
3334	Primary aluminum.....	205	14	513	200	18	197	10	335	191	14
3341	Secondary nonferrous metals.....	2	(Z)	3	2	1	2	(Z)	4	2	(Z)

See footnotes at end of table.



TABLE 1B. Water Intake, Gross Water Used, and Water Discharged by Industry Group and Selected Industries: 1968 and 1964--Continued

(Billion gallons)

Code	Industry group and industry	1968					1964				
		Water intake		Gross water used, including water re-circulated or reused	Water discharged		Water intake		Gross water used, including water re-circulated or reused	Water discharged	
		Total	Treated prior to use		Total	Treated prior to discharge	Total	Treated prior to use		Total	Treated prior to discharge
33	Primary metal industries--Continued										
335	Nonferrous rolling and drawing.....	97	23	223	92	23	r 82	r 16	r 173	r 78	17
3351	Copper rolling and drawing.....	38	9	55	37	8	r 36	r 7	r 59	r 34	7
3352	Aluminum rolling and drawing.....	31	9	112	31	14	r 30	r 7	r 77	r 29	10
3356	Nonferrous rolling and drawing, n.e.c.....	12	1	23	9	1	6	1	13	r 5	1
3357	Nonferrous wire drawing and insulating.....	16	4	33	15	(Z)	10	1	24	9	(Z)
336	Nonferrous foundries.....	11	1	27	11	1	r 7	1	r 12	r 7	1
3361	Aluminum castings.....	9	1	18	8	(Z)	r 4	(Z)	9	r 4	1
3362	Brass, bronze, and copper castings.....	1	(Z)	1	1	(Z)	r 1	(Z)	(Z)	r 1	(Z)
3369	Nonferrous castings, n.e.c.....	2	(Z)	8	2	1	1	(Z)	2	1	(Z)
339	Miscellaneous primary metal products.....	13	2	24	12	1	r 7	2	r 16	r 6	(Z)
34	Fabricated metal products.....	68	7	169	65	9	r 52	r 7	r 137	r 50	r 6
3411	Metal cans.....	2	(Z)	2	2	(Z)	1	(Z)	3	1	(Z)
342	Cutlery, handtools, and hardware.....	17	1	30	16	2	14	1	r 26	13	2
3421	Cutlery.....	6	(Z)	7	6	(Z)	2	(Z)	4	2	(Z)
3423	Hand and edge tools, n.e.c.....	1	(Z)	2	1	(Z)	1	(Z)	r 2	1	(Z)
3429	Hardware, n.e.c.....	9	1	20	9	2	10	1	r 19	9	2
343	Plumbing and heating, except electric...	5	(Z)	7	4	1	4	1	7	4	(Z)
3431	Metal sanitary ware.....	2	(Z)	4	2	(Z)	2	(Z)	4	1	(Z)
3432	Plumbing fittings and brass goods.....	1	(Z)	1	1	(Z)	1	(Z)	1	1	(Z)
3433	Heating equipment, except electric.....	1	(Z)	2	1	(Z)	1	(Z)	2	1	(Z)
344	Fabricated structural metal products....	6	1	11	6	1	r 7	1	r 11	r 7	r 2
3441	Fabricated structural steel.....	1	(Z)	2	1	(Z)	1	(Z)	1	1	(Z)
3442	Metal doors, sash, and trim.....	1	(Z)	3	1	(Z)	2	(Z)	r 3	r 2	(Z)
3443	Fabricated platework (boiler shops).....	2	(Z)	4	2	(Z)	r 3	1	r 5	r 3	1
3444	Sheet metalwork.....	1	(Z)	1	1	(Z)	1	1	1	1	(Z)
345	Screw machine products, bolts, etc.....	6	(Z)	8	5	1	r 5	(Z)	r 7	5	(Z)
3461	Metal stampings.....	14	2	82	14	1	r 9	r 2	r 64	r 9	1
347	Metal services, n.e.c.....	8	1	9	8	2	5	(Z)	6	5	1
3471	Plating and polishing.....	8	1	9	7	2	5	(Z)	5	5	1
3481	Miscellaneous fabricated wire products....	1	(Z)	2	1	(Z)	2	(Z)	2	1	(Z)
349	Miscellaneous fabricated metal products.	9	2	18	9	1	6	1	r 11	5	1
3494	Valves and pipe fittings.....	5	1	6	4	1	3	(Z)	3	3	(Z)
35	Machinery, except electrical.....	189	17	338	181	25	r 158	13	r 274	r 150	12
351	Engines and turbines.....	86	3	110	85	3	r 57	1	r 71	r 56	3
3522	Farm machinery.....	32	1	44	30	13	38	1	45	36	6
353	Construction and related machinery.....	21	7	66	20	5	12	6	r 45	11	(Z)
3531	Construction machinery.....	15	5	40	15	5	7	3	r 22	7	(Z)
3533	Oilfield machinery.....	2	(Z)	20	1	-	1	(Z)	r 18	1	(Z)
354	Metalworking machinery.....	7	1	14	6	(Z)	6	(Z)	r 10	5	(Z)
3541	Machine tools, metal-cutting types.....	3	(Z)	4	3	(Z)	2	(Z)	2	2	(Z)
3544	Special dies, tools, jigs, fixtures.....	1	-	2	1	(Z)	1	(Z)	1	1	(Z)
3545	Machine tool accessories.....	1	-	3	1	(Z)	2	(Z)	r 3	1	(Z)
3548	Metalworking machinery, n.e.c.....	3	(Z)	5	1	(Z)	1	(Z)	1	1	(Z)
355	Special industry machinery.....	7	(Z)	11	4	1	6	(Z)	9	3	1
3552	Textile machinery.....	2	(Z)	3	2	1	2	(Z)	2	2	-
3559	Special industry machinery, n.e.c.....	4	(Z)	7	1	(Z)	3	(Z)	6	1	(Z)
356	General industrial machinery.....	12	3	38	12	1	17	1	39	17	1
3561	Pumps and compressors.....	3	(Z)	6	3	(Z)	9	1	10	8	(Z)
3562	Ball and roller bearings.....	5	2	22	5	1	3	(Z)	21	3	1
3566	Power transmission equipment.....	3	1	5	3	(Z)	3	(Z)	4	3	(Z)
3569	General industrial machinery, n.e.c.....	1	(Z)	4	1	(Z)	2	(Z)	3	2	(Z)
357	Office and computing machines.....	13	1	32	13	1	14	1	38	14	1
358	Service industry machines.....	7	1	15	6	(Z)	6	1	15	6	(Z)
3585	Refrigeration machinery.....	6	1	13	6	(Z)	5	1	14	5	(Z)
3599	Miscellaneous machinery, except electrical	4	1	9	3	(Z)	2	(Z)	3	2	(Z)

See footnotes at end of table.

TABLE 1B. Water Intake, Gross Water Used, and Water Discharged by Industry Group and Selected Industries: 1968 and 1964--Continued

(Billion gallons)

Code	Industry group and industry	1968					1964				
		Water intake		Gross water used, including water re-circulated or reused	Water discharged		Water intake		Gross water used, including water re-circulated or reused	Water discharged	
		Total	Treated prior to use		Total	Treated prior to discharge	Total	Treated prior to use		Total	Treated prior to discharge
36	Electrical equipment and supplies.....	127	20	370	118	28	r102	15	r274	r88	15
361	Electric test and distributing equipment.....	11	1	27	10	2	11	1	22	10	1
3611	Electric measuring instruments.....	2	(Z)	6	2	1	2	(Z)	3	2	(Z)
3612	Transformers.....	5	(Z)	13	4	(Z)	4	(Z)	11	4	(Z)
3613	Switchgear and switchboard apparatus.....	4	1	8	4	1	5	1	8	5	1
362	Electrical industrial apparatus.....	18	3	36	17	4	r20	3	35	19	4
3621	Motors and generators.....	11	2	22	10	3	r14	2	r25	r14	3
3622	Industrial controls.....	3	(Z)	4	3	(Z)	1	(Z)	2	1	-
363	Household appliances.....	25	2	37	24	10	r22	3	r31	r15	2
3632	Household refrigerators and freezers.....	13	1	18	13	7	r12	2	17	r10	1
3633	Household laundry equipment.....	3	(Z)	6	3	1	2	(Z)	5	2	1
3634	Electric housewares and fans.....	4	(Z)	6	4	1	4	(Z)	5	4	(Z)
3639	Household appliances, n.e.c.....	1	(Z)	2	1	(Z)	1	(Z)	1	1	(Z)
364	Electric lighting and wiring equipment.....	8	1	14	7	1	7	1	9	7	(Z)
3642	Lighting fixtures.....	3	1	6	2	(Z)	2	(Z)	3	2	-
3643	Current carrying wiring devices.....	2	(Z)	3	2	(Z)	2	(Z)	2	2	(Z)
365	Radio and TV receiving equipment.....	4	1	10	4	1	4	(Z)	7	3	1
366	Communication equipment.....	23	5	129	21	3	19	2	r96	18	2
367	Electronic components and accessories.....	21	8	88	19	7	14	3	r53	12	4
3671	Electron tubes, receiving type.....	1	(Z)	6	1	-	1	(Z)	6	1	-
3672	Cathode ray picture tubes.....	3	3	6	3	1	1	1	2	1	(Z)
3673	Electron tubes, transmitting.....	2	1	4	1	(Z)	3	(Z)	6	2	1
3674	Semiconductors.....	7	2	44	6	3	4	2	31	3	1
3679	Electronic components, n.e.c.....	9	3	28	8	3	5	1	10	5	1
369	Miscellaneous electrical equipment and supplies.....	16	1	28	16	1	r6	1	r19	r4	1
3691	Storage batteries.....	3	(Z)	7	3	1	2	(Z)	4	2	-
3694	Engine electrical equipment.....	5	(Z)	8	5	(Z)	4	1	9	3	(Z)
37	Transportation equipment.....	313	39	911	293	23	r242	r30	r602	r233	24
371	Motor vehicles and equipment.....	143	24	611	132	14	r122	r16	r360	r117	16
372	Aircraft and parts.....	143	14	263	135	6	96	13	204	92	7
3722	Aircraft engines and engine parts.....	102	9	156	97	2	60	6	108	59	4
3729	Aircraft equipment, n.e.c.....	12	2	42	11	1	11	3	27	11	-
373	Ship and boat building and repairing.....	19	(Z)	22	19	(Z)	16	1	19	15	(Z)
374	Railroad equipment.....	6	1	13	6	1	7	1	17	7	1
38	Instruments and related products.....	38	16	118	36	13	29	12	76	26	9
3811	Engineering and scientific instruments.....	1	(Z)	3	1	(Z)	1	(Z)	2	1	(Z)
382	Mechanical measuring and control devices.....	5	1	8	5	1	5	1	6	5	(Z)
3821	Mechanical measuring devices.....	3	(Z)	5	3	(Z)	3	(Z)	4	3	(Z)
3822	Automatic temperature controls.....	2	1	3	2	(Z)	1	1	2	1	(Z)
384	Medical instruments and supplies.....	3	(Z)	4	3	(Z)	3	(Z)	3	3	(Z)
3861	Photographic equipment and supplies.....	18	13	86	17	11	14	10	52	12	(Z)
387	Watches, clocks, and watchcases.....	2	1	3	2	(Z)	1	(Z)	3	1	(Z)
39	Miscellaneous manufacturing industries.....	14	2	24	13	1	13	2	22	12	(Z)
391	Jewelry, silverware, and plated ware.....	5	(Z)	6	4	(Z)	4	(Z)	5	4	(Z)
3914	Silverware and plated ware.....	5	(Z)	5	4	(Z)	4	(Z)	5	3	(Z)
394	Toys and sporting goods.....	3	1	5	3	(Z)	3	1	4	2	(Z)
396	Costume jewelry and notions.....	2	(Z)	3	2	(Z)	2	(Z)	2	2	(Z)
3964	Needles, pins, and fasteners.....	1	(Z)	2	1	(Z)	1	(Z)	2	1	(Z)
399	Miscellaneous manufactures.....	4	1	10	3	(Z)	3	1	10	3	(Z)

Note: Detailed figures may not add to totals because of independent rounding. The figures shown for industry groups include data for all component industries whether or not separate figures are shown for the individual industries in the group.

r Revised. - Represents zero. (Z) Less than 500 million gallons.



TABLE 2. Water Intake by Purpose, Gross Water Used, and Water Discharged: 1968

## A. INDUSTRY GROUPS AND INDUSTRIES

(All water data in billions of gallons)

Code	Industry group and industry	Establishments reporting consumption of water			Water intake							Establishments recirculating water (number)	Gross water used, including recirculation or reuse	Total water discharged
		All employees (1,000)	Value added by manufacture (million dollars)	Establishments (number)	Total	Treated prior to use (included in total)	By purpose of intake							
							Process	Air conditioning	Steam electric power generation	Other cooling and condensing	Boiler feed, sanitary service, and other uses			
	ALL INDUSTRIES, TOTAL. . . . .	7 275.6	125 416.9	9 402	15 466.5	3 505.8	4 295.1	249.4	3 008.7	6 877.2	1 035.8	6 135	35 700.6	14 275.9
20	FOOD AND KINDRED PRODUCTS. . . . .	633.3	12 066.8	2 345	810.9	136.9	290.6	17.9	74.7	334.3	93.4	1 370	1 346.0	752.8
201	MEAT PRODUCTS. . . . .	163.6	1 789.9	464	105.3	24.3	62.3	2.5	2.1	19.7	18.8	251	169.8	99.5
2011	MEATPACKING PLANTS. . . . .	104.6	1 309.7	230	70.4	21.4	35.8	2.3	1.3	16.9	14.1	151	125.4	66.9
2013	SAUSAGES AND OTHER PREPARED MEATS. . . . .	14.7	210.2	54	6.1	.5	2.7	.1	.2	.9	2.3	28	11.0	5.4
2015	POULTRY PROCESSING PLANTS. . . . .	44.3	270.0	180	28.8	2.3	23.8	.1	.7	1.9	2.4	72	33.4	27.3
202	DAIRY PRODUCTS. . . . .	68.6	1 095.9	518	55.8	5.8	16.0	.6	1.6	22.7	15.0	266	77.8	53.0
2021	CREAMERY BUTTER. . . . .	2.9	47.1	61	6.6	.6	1.0	(2)	.2	3.8	1.6	30	8.5	6.2
2022	CHEESE, NATURAL AND PROCESSED. . . . .	4.4	46.6	43	3.8	.6	.9	.1	.3	1.7	.8	17	4.4	3.5
2023	CONDENSED AND EVAPORATED MILK. . . . .	5.4	116.7	71	13.5	1.1	1.6	.2	.2	9.5	1.9	40	18.3	13.1
2024	ICE CREAM AND FROZEN DESSERTS. . . . .	4.4	81.7	40	3.2	.3	.7	(2)	.4	1.0	.9	23	6.4	2.9
2026	FLUID MILK. . . . .	51.5	803.8	303	28.8	3.1	11.8	.3	.5	6.6	9.7	156	40.2	27.4
203	CANNED, CURED, AND FROZEN FOODS. . . . .	132.5	2 126.2	448	128.7	14.0	71.0	2.0	3.2	40.6	11.8	271	225.9	119.8
2031	CANNED AND CURED SEAFOODS. . . . .	4.1	54.6	20	2.4	(2)	1.7	(2)	(2)	.5	.2	2	2.5	2.2
2032	CANNED SPECIALTIES. . . . .	20.3	528.0	32	17.3	5.1	11.7	.1	1.5	2.6	1.3	20	22.1	14.4
2033	CANNED FRUITS AND VEGETABLES. . . . .	54.5	854.7	220	42.4	5.2	27.0	.7	.3	8.8	5.6	153	72.6	38.4
2034	DEHYDRATED FOOD PRODUCTS. . . . .	5.3	79.4	23	4.6	.2	4.1	(2)	-	.2	.3	13	8.6	4.5
2035	PICKLES, SAUCES, AND SALAD DRESSINGS. . . . .	6.5	108.1	28	3.2	.3	1.4	.1	-	.4	1.3	14	5.2	2.6
2036	FRESH OR FROZEN PACKAGED FISH. . . . .	4.3	27.8	16	1.9	(2)	.9	(2)	.1	.7	.1	3	2.0	1.7
2037	FROZEN FRUITS AND VEGETABLES. . . . .	37.5	473.8	109	56.9	3.2	24.2	1.1	1.2	27.5	3.0	66	112.9	56.0
204	GRAIN MILL PRODUCTS. . . . .	35.3	1 208.1	83	75.1	12.0	11.8	1.1	6.8	48.7	6.7	51	122.1	67.1
2041	FLOUR AND OTHER GRAIN MILL PRODUCTS. . . . .	3.7	110.5	14	3.1	.2	.7	.1	1.8	.3	.3	6	3.3	2.8
2042	PREPARED FEEDS FOR ANIMALS AND FOWLS. . . . .	5.5	235.8	32	5.3	1.8	1.4	(2)	(2)	3.2	.7	14	6.3	4.2
2043	CEREAL PREPARATIONS. . . . .	9.9	414.9	9	4.1	.5	.7	.5	.2	1.9	.8	9	5.1	3.8
2044	RICE MILLING. . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2045	BLENDED AND PREPARED FLOUR. . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2046	WET CORN MILLING. . . . .	13.7	340.8	20	61.9	9.5	8.7	.4	4.8	43.2	4.8	18	106.5	55.9
205	BAKERY PRODUCTS. . . . .	38.1	601.7	65	4.2	1.4	1.1	1.1	(2)	.8	1.2	32	10.8	3.2
2051	BREAD, CAKE, AND RELATED PRODUCTS. . . . .	25.1	317.1	48	2.2	.2	.9	.1	(2)	.3	.9	21	3.6	1.5
2052	COOKIES AND CRACKERS. . . . .	13.0	284.6	17	2.1	1.2	.2	1.0	-	.5	.3	11	7.2	1.7
206	SUGAR. . . . .	27.4	604.6	127	243.3	46.1	74.1	1.2	47.9	108.8	11.3	102	357.6	233.0
2061	RAW CANE SUGAR. . . . .	5.8	105.4	49	114.4	15.5	48.9	(2)	32.8	27.8	5.0	30	164.5	112.0
2062	CANE SUGAR REFINING. . . . .	11.1	299.9	23	83.6	4.3	4.5	1.1	3.8	70.1	4.2	20	99.5	81.0
2063	BET SUGAR. . . . .	10.5	199.3	55	45.2	26.3	20.7	.1	11.3	10.9	2.1	52	93.6	40.0
207	CONFECTIONERY AND RELATED PRODUCTS. . . . .	27.5	542.0	39	19.0	1.8	2.5	2.3	2.8	9.5	1.8	28	36.2	18.6
2071	CONFECTIONERY PRODUCTS. . . . .	18.6	303.0	30	5.1	1.8	1.0	.6	(2)	2.1	1.4	21	18.9	4.7
2072	CHOCOLATE AND COCOA PRODUCTS. . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2073	CHEWING GUM. . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
208	BEVERAGES. . . . .	97.6	2 835.0	312	111.5	19.1	30.9	6.0	9.6	46.0	19.0	191	211.4	97.4
2082	MALT LIQUORS. . . . .	53.7	1 436.9	95	65.7	11.7	18.4	2.3	9.4	21.1	14.4	68	140.5	58.0
2083	MALT. . . . .	1.5	38.0	24	8.6	1.1	4.2	3.1	-	1.1	.2	16	19.3	8.0
2084	WINES, BRANDY, AND BRANDY SPIRITS. . . . .	2.3	85.7	17	3.0	.5	1.7	(2)	-	.7	.5	13	5.1	2.9
2085	DISTILLED LIQUOR, EXCEPT BRANDY. . . . .	12.5	523.8	31	21.7	2.6	1.2	.5	.1	18.3	1.7	28	28.7	17.9
2086	BOTTLED AND CANNED SOFT DRINKS. . . . .	24.8	393.3	130	7.5	2.8	5.0	(2)	(2)	1.0	1.4	63	9.0	6.0
2087	FLAVORING EXTRACTS AND SIRUPS, NEC. . . . .	2.5	352.7	14	1.4	.2	.4	(2)	-	.5	.5	2	1.4	1.1
209	MISC. FOODS AND KINDRED PRODUCTS. . . . .	42.6	1 263.5	289	67.9	12.5	21.0	1.1	.6	37.5	7.7	178	134.5	61.0
2091	COTTONSEED OIL MILLS. . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2092	SOYBEAN OIL MILLS. . . . .	5.1	137.1	47	13.7	4.7	2.1	(2)	.1	10.4	1.1	41	39.4	12.4
2093	VEGETABLE OIL MILLS, NEC. . . . .	.7	17.9	7	1.7	.4	.2	(2)	-	1.4	.2	6	3.0	1.6
2094	ANIMAL AND MARINE FATS AND OILS. . . . .	3.8	44.3	65	9.2	.4	2.4	(2)	.4	5.0	1.4	28	11.5	7.7
2095	ROASTED COFFEE. . . . .	6.0	377.9	10	2.7	.4	.6	.2	-	1.0	.9	7	5.7	2.2
2096	SHORTENING AND COOKING OILS. . . . .	10.3	274.6	47	17.0	4.8	1.6	.6	(2)	12.4	2.3	39	43.7	15.4
2097	MANUFACTURED ICE. . . . .	.7	7.3	34	4.7	.3	.6	(2)	.1	3.9	.1	20	7.7	4.3
2098	MACARONI AND SPAGHETTI. . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2099	FOOD PREPARATIONS, NEC. . . . .	15.0	389.7	72	18.4	1.4	13.5	.2	(2)	3.3	1.4	35	22.4	17.0
21	TOBACCO MANUFACTURES. . . . .	31.7	1 299.4	24	5.8	1.4	1.7	.5	.2	2.1	1.3	22	77.0	4.8
2111	CIGARETTES. . . . .	26.6	1 242.2	11	3.1	.5	1.0	.5	.2	.3	1.1	11	70.4	2.3
2121	CIGARS. . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2131	CHEWING AND SMOKING TOBACCO. . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2141	TOBACCO STEMMING AND REDRYING. . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
22	TEXTILE MILL PRODUCTS. . . . .	413.5	3 731.8	684	154.2	88.7	109.0	9.7	5.7	8.2	21.6	353	327.5	136.0
2211	WEAVING MILLS, COTTON. . . . .	133.8	1 109.3	124	33.5	21.3	19.4	4.2	2.2	1.6	6.1	85	101.3	27.8
2221	WEAVING MILLS, SYNTHETICS. . . . .	59.8	521.4	86	12.5	7.0	8.1	1.4	.1	.4	2.5	54	44.2	10.9
2231	WEAVING AND FINISHING MILLS, WOOL. . . . .	24.0	258.8	62	15.8	9.5	11.9	.3	.8	.4	2.4	27	23.6	14.1
2241	NARROW FABRIC MILLS. . . . .	4.7	31.7	11	.9	.3	.7	(2)	-	(2)	.2	5	1.1	.8
225	KNITTING MILLS. . . . .	59.8	470.6	100	11.4	5.3	8.4	1.0	(2)	.5	1.5	37	14.5	10.6
2251	WOMEN'S HOSIERY, EXCEPT SOCKS. . . . .	16.0	119.8	17	1.6	.6	.9	.4	(2)	.1	.3	12	2.1	1.6
2252	HOSIERY, NEC. . . . .	6.3	42.1	15	.7	.3	.6	(2)	-	-	.1	4	.7	.6
2253	KNIT OUTERWEAR MILLS. . . . .	12.6	104.0	17	1.9	.5	1.6	.1	(2)	(2)	.1	4	2.2	1.9
2254	KNIT UNDERWEAR MILLS. . . . .	12.8	82.9	11	1.9	.6	1.4	.1	-	(2)	.4	4	2.2	1.5
2256	KNIT FABRIC MILLS. . . . .	12.1	122.0	40	5.3	3.3	3.9	.3	(2)	.4	.6	13	7.4	5.0
226	TEXTILE FINISHING, EXCEPT WOOL. . . . .	46.1	425.0	127	51.5	32.7	42.9	.8	1.2	2.2	4.4	54	58.6	46.0
2261	FINISHING FINISHES, COTTON. . . . .	26.6	218.5	50	28.2	18.8	23.5	.5	.9	1.2	2.1	26	31.8	25.0
2262	FINISHING FINISHES, SYNTHETICS. . . . .	13.0	133.2	45	18.5	11.2	15.5	.3	(2)	.7	2.0	18	21.1	16.4
2269	FINISHING FINISHES, NEC. . . . .	6.5	73.3	32	4.7	2.8	3.9	(2)	.2	.2	.4	10	5.7	4.6
227	FLOOR COVERING MILLS. . . . .	24.9	352.0	50	10.6	4.8	7.8	.9	(2)	.4	1.4	20	21.1	9.6
2271	WOVEN CARPETS AND RUGS. . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

See footnotes at end of table.



TABLE 2. Water Intake by Purpose, Gross Water Used, and Water Discharged: 1968—Continued

## A. INDUSTRY GROUPS AND INDUSTRIES—Continued

(All water data in billions of gallons)

Code	Industry group and industry	Establishments reporting consumption of water			Water intake							Establishments recirculating water	Gross water used, including recirculation or reuse	Total water discharged
		All employees	Value added by manufacture	Establishments	Total	Treated prior to use (included in total)	By purpose of intake							
							Process	Air conditioning	Steam electric power generation	Other cooling and condensing	Boiler feed, sanitary service, and other uses			
		(1,000)	(million dollars)	(number)								(number)		
2272	TUFTED CARPETS AND RUGS	19.7	288.3	44	9.0	4.3	7.3	.1	(2)	.3	1.3	17	11.9	8.2
2279	CARPETS AND RUGS, NEC.	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
228	YARN AND THREAD MILLS	35.4	277.1	65	10.3	5.9	6.2	.8	1.3	.5	1.6	37	39.1	9.9
2281	YARN MILLS, EXCEPT WOOL	20.9	154.1	41	3.7	2.0	2.2	.5	—	.2	.9	25	30.6	3.4
2282	THROWING AND WINDING MILLS	4.3	37.2	6	.9	.7	.6	.1	—	.1	(2)	3	1.0	.8
2283	WOOL YARN MILLS	2.9	25.7	5	1.2	.6	.6	.1	—	(2)	.4	2	1.6	1.1
2284	THREAD MILLS	7.3	60.2	13	4.6	2.5	2.7	.1	1.3	.3	.2	7	5.9	4.5
229	MISCELLANEOUS TEXTILE GOODS	25.2	285.9	59	7.6	1.8	3.5	.4	.1	2.3	1.5	34	23.9	6.3
2291	FELT GOODS, NEC.	1.3	13.4	5	.5	.2	.4	(2)	(2)	—	.1	2	.7	.4
2292	LACE GOODS	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2293	PAIDINGS AND UPHOLSTERY FILLING	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2294	PROCESSED TEXTILE WASTE	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2295	COATED FABRICS, NOT RUBBERIZED	8.0	120.3	15	4.1	.6	1.5	.1	—	2.0	.4	11	12.9	3.2
2296	TIRE CORD AND FABRIC	7.7	68.4	9	.6	.2	(2)	.1	—	.1	.4	8	4.3	.5
2297	SCOURING AND COMBING PLANTS	2.7	20.0	9	1.1	.3	.7	.1	(2)	.1	.2	4	1.7	1.1
2298	CORDAGE AND TWINE	1.1	10.3	3	.3	.2	.2	(2)	—	(2)	(2)	2	.3	.2
2299	TEXTILE GOODS, NEC	2.3	29.8	9	.7	.1	.3	(2)	—	.1	.3	3	3.6	.6
24	LUMBER AND WOOD PRODUCTS	63.4	643.1	188	117.9	10.1	36.5	.4	44.7	16.8	19.5	100	204.9	92.7
2411	LOGGING CAMPS, LOGGING CONTRACTORS	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
242	SAWMILLS AND PLANING MILLS	30.8	286.9	81	86.8	5.4	25.1	(2)	33.5	14.8	13.3	46	129.8	68.1
2421	SAWMILLS AND PLANING MILLS, GENERAL	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2426	HARDWOOD DIMENSION AND FLOORING	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
243	MILLWORK, PLYWOOD, RELATED PROD.	19.3	204.1	62	17.9	1.7	5.7	.1	8.5	.8	2.9	30	54.9	15.5
2431	MILLWORK	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2432	VENEER AND PLYWOOD	14.9	154.9	55	17.2	1.5	5.5	(2)	8.3	.7	2.7	26	54.0	15.1
2433	PREFABRICATED WOOD STRUCTURES	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
244	WOODEN CONTAINERS	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2441	NAILED WOODEN BOXES AND SHOOK	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2442	WIREBOUND BOXES AND CRATES	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
249	MISCELLANEOUS WOOD PRODUCTS	10.7	131.8	38	11.8	2.6	5.3	.3	2.3	1.3	2.6	19	17.7	8.8
2491	WOOD PRESERVING	1.6	17.2	13	.8	.1	(2)	—	(2)	.5	.3	6	1.4	.7
2499	WOOD PRODUCTS, NEC	9.0	114.6	25	10.9	2.4	5.2	.3	2.3	.8	2.3	13	16.2	8.1
25	FURNITURE AND FIXTURES	51.2	560.3	55	4.3	.4	1.8	.2	(2)	.5	1.8	30	6.3	3.8
251	HOUSEHOLD FURNITURE	29.3	245.6	28	2.2	.2	.4	.1	(2)	.2	1.5	18	3.8	1.7
2511	WOOD HOUSEHOLD FURNITURE	23.2	188.3	20	1.8	.1	.1	.1	(2)	.2	1.4	13	2.8	1.2
2512	UPHOLSTERED HOUSEHOLD FURNITURE	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2514	METAL HOUSEHOLD FURNITURE	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2515	MATTRESSES AND BEDSPRINGS	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2519	HOUSEHOLD FURNITURE, NEC	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
252	OFFICE FURNITURE	12.2	193.8	12	1.0	.2	.5	.1	(2)	.2	.2	7	1.3	1.0
2522	METAL OFFICE FURNITURE	12.2	193.8	12	1.0	.2	.5	.1	(2)	.2	.2	7	1.3	1.0
2531	PUBLIC BUILDING FURNITURE	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
254	PARTITIONS AND FIXTURES	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2542	METAL PARTITIONS AND FIXTURES	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
259	MISC. FURNITURE AND FIXTURES	4.4	49.6	6	.6	(2)	.4	(2)	—	.1	.1	3	.7	.6
2591	VENETIAN BLINDS AND SHADES	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2599	FURNITURE AND FIXTURES, NEC	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
26	PAPER AND ALLIED PRODUCTS	267.6	4 968.3	619	2 252.0	1 311.4	1 477.9	17.5	407.2	226.8	122.6	536	6 521.5	2 077.6
2611	PULPMILLS	10.5	226.7	31	270.6	209.3	229.2	.2	10.6	13.4	17.2	30	812.2	265.2
2621	PAPERMILLS, EXCEPT BUILDING PAPER	133.8	2 284.0	249	1 193.8	724.9	776.0	8.1	248.0	97.2	64.4	228	3 120.4	1 073.4
2631	PAPERBOARD MILLS	59.2	1 393.9	181	722.5	357.4	429.4	7.9	141.3	107.3	36.7	174	2 429.5	687.4
264	MISC. CONVERTED PAPER PRODUCTS	32.3	595.6	76	22.5	8.5	14.0	1.0	.6	5.7	1.2	44	52.1	20.8
2641	PAPER COATING AND GLAZING	11.5	262.5	29	7.4	3.3	4.4	.2	.5	1.9	.5	15	11.4	7.1
2642	ENVELOPES	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2643	BAGS, EXCEPT TEXTILE BAGS	6.3	85.1	11	6.0	2.7	2.2	.4	—	3.3	.1	4	8.0	6.0
2644	WALLPAPER	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2645	DIE-CUT PAPER AND BOARD	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2646	PRESSED AND MOLDED PULP GOODS	3.7	63.9	15	4.5	.7	4.1	—	(2)	.2	.2	13	10.6	3.9
2647	SANITARY PAPER PRODUCTS	4.2	87.1	10	3.7	1.7	2.9	.4	.1	.1	.2	7	20.5	3.3
2649	CONVERTED PAPER PRODUCTS, NEC	3.7	59.8	5	.4	(2)	.2	(2)	—	.2	.1	2	.6	.3
265	PAPERBOARD CONTAINERS AND BOXES	22.4	318.7	41	5.8	.8	1.9	.2	1.2	1.0	1.6	21	14.4	4.5
2651	FOILING PAPERBOARD BOXES	2.7	30.9	6	2.5	.9	.9	(2)	1.1	.3	.2	3	6.5	1.6
2653	CORRUGATED AND SOLID FIBER BOXES	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2654	SANITARY FOOD CONTAINERS	13.9	212.1	15	1.8	.4	.4	.1	.2	.6	.5	10	5.9	1.4
2655	FIBER CANS, DRUMS, RELATED MATERIAL	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2661	BUILDING PAPER AND BOARD MILLS	9.3	149.4	41	36.8	10.5	27.4	.1	5.5	2.2	1.6	39	92.8	26.3
28	CHEMICALS AND ALLIED PRODUCTS	526.8	16 131.1	1 125	4 476.2	590.4	733.4	96.2	693.8	2 742.6	210.2	842	9 415.8	4 175.1
281	INDUSTRIAL CHEMICALS	206.1	6 537.9	582	3 368.4	373.8	533.9	29.8	613.3	2 074.8	116.8	451	6 656.6	3 166.7
2812	ALKALIES AND CHLORINE	17.9	385.6	31	386.4	63.4	18.9	1.1	61.3	298.6	6.5	30	574.3	364.1
2813	INDUSTRIAL GASES	2.4	152.1	65	92.3	7.6	5.3	—	2.7	83.8	.6	49	193.7	80.8
2815	CYCLIC INTERMEDIATES AND CRUDES	25.0	611.0	62	139.1	16.8	19.3	1.1	.8	107.0	11.0	47	366.2	129.0
2816	INORGANIC PIGMENTS	9.3	243.9	24	95.4	24.2	21.2	.5	7.0	61.0	5.7	18	125.8	91.5
2818	INDUSTRIAL ORGANIC CHEMICALS, NEC	88.0	3 386.9	177	2 140.3	172.3	394.0	24.5	483.8	1 180.1	57.9	137	3 964.7	2 033.3
2819	INDUSTRIAL INORGANIC CHEMICALS, NEC	63.4	1 758.4	223	514.8	89.5	75.2	2.6	57.5	344.4	35.2	170	1 432.0	468.0

See footnotes at end of table.

TABLE 2. Water Intake by Purpose, Gross Water Used, and Water Discharged: 1968—Continued

## A. INDUSTRY GROUPS AND INDUSTRIES—Continued

(All water data in billions of gallons)

Code	Industry group and industry	Establishments reporting consumption of water			Water intake							Establishments recirculating water (number)	Gross water used, including recirculation or reuse	Total water discharged
		All employees (1,000)	Value added by manufacture (million dollars)	Establishments (number)	Total	Treated prior to use (included in total)	By purpose of intake							
							Process	Air conditioning	Steam electric power generation	Other cooling and condensing	Boiler feed, sanitary service, and other uses			
282	PLASTICS MATERIALS AND SYNTHETICS	150.7	3 425.3	193	635.0	134.0	104.2	56.4	61.5	372.0	40.9	160	1 625.4	581.8
2821	PLASTICS MATERIALS AND RESINS	52.9	1 310.0	128	230.6	38.2	50.9	5.3	13.1	148.8	12.5	103	500.6	198.8
2822	SYNTHETIC RUBBER	11.5	387.1	23	62.4	16.8	15.1	.6	.1	40.4	6.2	21	338.1	57.9
2823	CELLULOSIC MANMADE FIBERS	31.8	505.9	18	182.2	56.7	30.5	23.7	19.9	96.0	12.0	17	393.5	176.4
2824	ORGANIC FIBERS, NONCELLULOSIC	54.5	1 222.3	24	159.8	22.3	7.7	26.8	28.4	86.7	10.2	19	393.2	148.6
283	DRUGS	72.4	2 860.2	75	69.4	5.4	6.8	7.0	8.1	42.9	4.6	56	153.2	67.4
2831	BIOLOGICAL PRODUCTS	2.9	42.4	7	.7	.5	.2	.1	—	.1	.3	5	1.8	.6
2833	MEDICINALS AND BOTANICALS	5.8	167.6	16	39.6	.9	2.7	.1	8.0	27.9	1.0	10	46.2	39.3
2834	PHARMACEUTICAL PREPARATIONS	63.7	2 650.1	52	29.1	4.0	3.9	6.7	.1	14.9	3.4	41	105.2	27.5
284	SOAP, CLEANERS, AND TOILET GOODS	28.8	1 782.2	65	32.0	6.1	3.3	1.0	3.1	21.2	3.4	40	44.8	30.3
2841	SOAP AND OTHER DETERGENTS	15.1	887.9	27	20.5	5.4	1.9	.7	3.1	13.2	1.7	20	30.6	19.7
2842	POLISHES AND SANITATION GOODS	2.2	197.0	7	1.0	(Z)	.5	.2	.1	.2	(Z)	2	1.0	.5
2843	SURFACE ACTIVE AGENTS	2.7	64.9	19	9.8	.3	.8	(Z)	—	7.4	1.6	9	11.3	9.5
2844	TOILET PREPARATIONS	8.8	632.4	12	.8	.3	.2	.1	—	.4	.1	9	1.9	.7
2851	PAINTS AND ALLIED PRODUCTS	10.0	244.9	32	6.8	.7	2.7	.3	.1	2.5	1.3	18	9.8	6.5
2861	GUM AND WOOD CHEMICALS	3.6	74.4	14	20.7	5.2	.8	.1	.7	17.3	1.8	10	107.6	18.7
287	AGRICULTURAL CHEMICALS	14.7	490.2	60	131.3	24.6	28.8	1.1	.5	74.5	26.4	46	525.9	113.9
2871	FERTILIZERS	9.6	233.7	42	113.7	14.1	24.2	.9	.4	63.2	24.9	33	474.1	97.4
2872	FERTILIZERS, MIXING ONLY	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2879	AGRICULTURAL CHEMICALS, NEC.	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
289	MISCELLANEOUS CHEMICAL PRODUCTS	40.5	716.1	104	212.6	40.7	52.9	.5	6.8	137.5	14.9	61	292.5	189.8
2891	ADHESIVES AND GELATIN	2.8	74.0	22	11.8	6.6	6.4	.1	.1	4.4	.8	15	18.7	9.2
2892	EXPLOSIVES	25.7	281.2	21	152.3	30.2	28.0	.3	3.9	112.0	8.2	13	186.8	143.1
2893	PRINTING INK	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2895	CARBON BLACK	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2899	CHEMICAL PREPARATIONS, NEC.	9.5	273.8	39	30.1	2.2	5.4	.1	2.8	17.6	4.1	28	66.2	28.0
29	PETROLEUM AND COAL PRODUCTS	106.3	4 612.4	260	1 435.1	200.4	94.6	2.6	169.2	1 058.0	110.6	222	7 290.1	1 217.0
2911	PETROLEUM REFINING	99.7	4 494.7	214	1 426.9	199.9	91.7	2.6	167.1	1 056.0	109.6	195	7 279.2	1 210.0
295	PAVING AND ROOFING MATERIALS	5.5	93.4	37	7.5	.3	2.8	(Z)	2.1	1.9	.7	22	10.2	6.4
2951	PAVING MIXTURES AND BLOCKS	.3	6.8	6	.3	—	.2	—	—	(Z)	(Z)	5	.4	.2
2952	ASPHALT FELTS AND COATINGS	5.2	86.6	31	7.3	.3	2.6	(Z)	2.1	1.9	.7	17	9.8	6.3
299	MISC. PETROLEUM AND COAL PRODUCTS	1.1	24.3	9	.6	.3	.2	(Z)	(Z)	.1	.3	5	.7	.5
2992	LUBRICATING OILS AND GREASES	1.0	18.5	6	.4	.3	(Z)	(Z)	—	.1	.3	3	.5	.4
2999	PETROLEUM AND COAL PRODUCTS, NEC.	.2	5.8	3	.2	—	.1	—	(Z)	(Z)	(Z)	2	.3	.1
30	RUBBER AND PLASTICS PRODUCTS, NEC.	214.2	3 351.7	301	134.9	26.7	23.8	6.2	16.1	73.4	15.4	203	268.5	128.4
3011	TIRES AND INNER TUBES	80.6	1 622.4	53	61.6	15.3	8.5	2.5	14.7	28.3	7.5	49	143.3	59.5
3021	RUBBER FOOTWEAR	10.6	94.5	7	1.2	.1	.2	(Z)	(Z)	.7	.3	5	2.1	1.2
3031	RECLAIMED RUBBER	.9	13.3	5	1.7	.4	(Z)	—	(Z)	1.6	(Z)	3	2.7	1.7
3069	FABRICATED RUBBER PRODUCTS, NEC.	77.2	994.0	108	43.1	2.6	6.8	1.9	.9	29.4	4.2	73	78.3	40.1
3079	MISCELLANEOUS PLASTICS PRODUCTS	44.9	627.6	128	27.3	8.4	8.4	1.8	.5	13.4	3.3	73	42.1	26.0
31	LEATHER AND LEATHER PRODUCTS	32.0	323.1	92	15.8	3.2	13.9	.1	.2	.6	1.0	31	19.5	14.9
3111	LEATHER TANNING AND FINISHING	17.3	180.9	75	14.8	3.2	13.5	.1	.2	.3	.8	27	18.5	14.0
3121	INDUSTRIAL LEATHER BELTING	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
314	FOOTWEAR, EXCEPT RUBBER	9.0	80.7	12	.4	(Z)	.1	(Z)	—	.1	.2	1	.4	.4
3141	SHOES, EXCEPT RUBBER	9.0	80.7	12	.4	(Z)	.1	(Z)	—	.1	.2	1	.4	.4
3161	LUGGAGE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
317	HANDBAGS, PERSONAL LEATHER GOODS	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3172	PERSONAL LEATHER GOODS	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS	224.8	3 819.7	586	251.1	50.3	89.1	3.4	83.1	54.8	20.7	374	412.8	218.4
3211	FLAT GLASS	19.9	371.0	20	37.5	10.4	8.4	.7	16.7	8.6	3.2	19	71.4	36.1
322	GLASS, GLASSWARE, PRESSED OR BLOWN	78.3	1 102.6	103	15.5	4.2	4.7	.6	.2	8.0	1.9	80	61.6	14.0
3221	GLASS CONTAINERS	44.1	565.8	60	7.7	2.3	1.4	.1	.1	4.9	1.2	48	18.5	6.8
3229	PRESSED AND BLOWN GLASS, NEC.	34.1	536.8	43	7.8	1.9	3.4	.4	.1	3.2	.8	32	43.1	7.1
3231	PRODUCTS OF PURCHASED GLASS	9.5	232.1	21	4.7	.5	2.0	.2	1.7	.2	.6	11	7.4	4.7
3241	CEMENT, HYDRAULIC	26.2	674.3	142	118.4	8.9	21.5	.3	62.5	27.4	6.6	96	157.2	99.4
325	STRUCTURAL CLAY PRODUCTS	5.8	59.8	13	1.2	.1	.3	(Z)	—	.5	.4	5	1.6	1.0
3251	BRICK AND STRUCTURAL CLAY TILE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3253	CERAMIC WALL AND FLOOR TILE	1.9	21.2	3	.1	(Z)	(Z)	(Z)	—	(Z)	(Z)	2	.1	.1
3255	CLAY REFRACTORIES	2.8	29.8	5	.7	(Z)	.1	(Z)	—	.5	.2	2	1.1	.6
3259	STRUCTURAL CLAY PRODUCTS, NEC.	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
326	POTTERY AND RELATED PRODUCTS	16.4	187.3	23	2.4	.2	.5	1.0	.1	.2	.6	15	6.9	2.0
3261	VITREOUS PLUMBING FIXTURES	3.6	52.2	8	1.2	(Z)	.1	.6	.1	.1	.3	7	4.3	1.0
3262	VITREOUS CHINA FOOD UTENSILS	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3263	FINE EARTHENWARE FOOD UTENSILS	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3264	PORCELAIN ELECTRICAL SUPPLIES	8.0	100.0	10	.7	.1	.3	(Z)	—	.1	.3	7	2.0	.4
327	CONCRETE, GYPSUM, PLASTER PRODUCTS	12.4	251.2	114	17.5	1.1	13.0	(Z)	(Z)	1.9	2.6	48	21.9	13.8

See footnotes at end of table.



TABLE 2. Water Intake by Purpose, Gross Water Used, and Water Discharged: 1968—Continued

## A. INDUSTRY GROUPS AND INDUSTRIES—Continued

(All water data in billions of gallons)

Code	Industry group and industry	Establishments reporting consumption of water			Water intake							Establishments recirculating water (number)	Gross water used, including recirculation or reuse	Total water discharged
		All employees (1,000)	Value added by manufacture (million dollars)	Establishments (number)	Total	Treated prior to use (included in total)	By purpose of intake							
							Process	Air conditioning	Steam electric power generation	Other cooling and condensing	Boiler feed, sanitary service, and other uses			
3271	CONCRETE BLOCK AND BRICK . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
3272	CONCRETE PRODUCTS, NEC . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
3273	READY-MIXED CONCRETE . . . . .	2.4	42.5	42	7.9	.4	7.8	-	-	-	.1	15	9.2	7.2
3274	LIME . . . . .	3.1	51.0	23	4.9	.4	1.9	(Z)	(Z)	1.4	1.6	13	7.0	3.5
3275	GYPSUM PRODUCTS . . . . .	6.1	147.1	43	4.3	.4	2.9	(Z)	(Z)	.5	.9	16	5.0	2.9
3281	CUT STONE AND STONE PRODUCTS . . . . .	4.1	35.8	17	4.2	.4	3.8	(Z)	.2	.1	.1	8	4.9	4.0
329	MISC. NONMETALLIC MINERAL PRODUCTS	52.2	905.6	133	49.6	24.5	34.9	.6	1.7	7.8	4.5	92	79.9	43.4
3291	ABRASIVE PRODUCTS . . . . .	16.2	338.9	20	5.4	1.1	1.6	.4	(Z)	2.9	.6	10	8.4	5.2
3292	ASBESTOS PRODUCTS . . . . .	13.4	208.3	40	8.0	1.3	5.0	.1	.9	1.4	.6	34	17.0	6.4
3293	GASKETS AND INSULATIONS . . . . .	7.7	87.9	13	2.7	.1	1.1	.1	.9	.4	.3	8	3.6	2.1
3295	MINERALS, GROUND OR TREATED . . . . .	1.3	27.6	19	22.6	17.1	21.0	-	-	1.1	.5	15	25.0	21.4
3296	MINERAL WOOL . . . . .	10.3	191.5	28	6.5	2.1	2.4	.1	-	1.6	2.3	18	16.7	4.4
3297	NONCLAY REFRACTORIES . . . . .	2.4	40.0	7	3.6	2.1	3.1	(Z)	-	.3	.1	4	7.2	3.6
3299	NONMETALLIC MINERAL PRODUCTS, NEC . . . . .	.9	11.3	6	.8	.6	.6	-	-	.1	.1	3	2.0	.3
33	PRIMARY METAL INDUSTRIES . . . . .	894.5	14 797.8	841	5 004.7	970.9	1 207.2	31.2	1 414.8	2 186.4	164.8	599	7 779.8	4 695.5
331	BLAST FURNACE, BASIC STEEL PROO . . . . .	554.1	9 206.3	308	4 391.6	919.5	1 049.2	25.0	1 146.9	2 046.0	124.5	240	6 504.3	4 128.8
3312	BLAST FURNACES AND STEEL MILLS . . . . .	511.0	8 576.8	199	4 070.7	915.5	1 034.4	24.7	961.6	1 938.2	111.7	165	6 154.0	3 811.1
3313	ELECTROMETALLURGICAL PRODUCTS . . . . .	8.7	168.9	20	298.2	.9	1.3	.2	185.3	100.8	10.6	17	320.3	296.1
3315	STEEL WIRE AND RELATED PRODUCTS . . . . .	13.6	180.7	42	7.1	.5	4.7	(Z)	-	1.7	.7	25	9.6	7.1
3316	COLO FINISHING OF STEEL SHAPES . . . . .	10.8	111.4	24	8.3	2.0	3.2	.1	-	4.3	.8	16	9.8	7.8
3317	STEEL PIPE AND TUBES . . . . .	10.0	168.5	23	7.3	.6	5.5	(Z)	-	1.0	.8	17	10.6	6.8
332	IRON AND STEEL FOUNORIES . . . . .	104.8	1 259.9	136	48.7	6.6	11.8	.7	.1	25.9	10.2	85	82.3	39.0
3321	GRAY IRON FOUNORIES . . . . .	60.6	738.1	68	36.4	3.8	9.6	.4	-	18.5	7.9	37	58.9	27.7
3322	MALLEABLE IRON FOUNORIES . . . . .	13.1	173.0	19	6.0	2.3	.6	.1	(Z)	4.3	1.0	13	13.7	5.3
3323	STEEL FOUNORIES . . . . .	31.1	348.8	49	6.3	.4	1.6	.3	.1	3.1	1.3	35	9.7	5.9
333	PRIMARY NONFERROUS METALS . . . . .	47.0	1 187.9	78	442.2	19.1	88.9	1.7	265.4	70.3	15.9	65	917.0	412.1
3331	PRIMARY COPPER . . . . .	9.6	134.8	20	58.0	2.6	26.8	.1	3.0	25.4	2.7	20	168.1	37.3
3332	PRIMARY LEAD . . . . .	1.8	34.5	7	7.2	(Z)	5.5	(Z)	.1	1.4	.2	7	15.0	6.7
3333	PRIMARY ZINC . . . . .	7.3	110.3	14	47.4	.8	4.1	(Z)	27.9	14.1	1.3	13	77.7	44.1
3334	PRIMARY ALUMINUM . . . . .	23.6	817.3	24	204.9	13.6	23.5	1.1	144.4	25.4	10.5	18	513.3	199.9
3339	PRIMARY NONFERROUS METALS, NEC . . . . .	4.6	91.0	13	124.7	2.1	29.0	.5	90.0	4.0	1.1	7	142.9	124.1
3341	SECONDARY NONFERROUS METALS . . . . .	3.6	61.9	20	1.6	.1	1.0	(Z)	-	.4	.2	11	3.3	1.5
335	NONFERROUS ROLLING AND DRAWING . . . . .	125.8	2 259.7	170	96.7	22.5	46.1	3.2	2.4	36.7	8.4	129	222.5	91.6
3351	COPPER ROLLING AND DRAWING . . . . .	31.3	558.5	50	38.1	9.4	22.9	.9	1.7	10.0	2.6	38	54.5	37.3
3352	ALUMINUM ROLLING AND DRAWING . . . . .	43.6	702.9	41	31.2	8.7	12.5	1.3	-	15.4	2.0	32	111.8	30.5
3356	NONFERROUS ROLLING AND DRAWING, NEC . . . . .	14.4	256.7	15	11.6	.8	2.0	.5	(Z)	8.5	.6	13	22.9	9.3
3357	NONFERROUS WIREDRAWING, INSULATING . . . . .	36.5	741.5	64	15.7	3.6	8.6	.5	.6	2.7	3.2	46	33.3	14.5
336	NONFERROUS FOUNORIES . . . . .	25.1	342.5	52	11.0	1.2	6.0	.2	(Z)	2.9	1.8	28	26.9	10.8
3361	ALUMINUM CASTINGS . . . . .	13.9	179.3	31	8.6	.8	5.0	(Z)	(Z)	2.0	1.6	14	17.9	8.4
3362	BRASS, BRONZE, AND COPPER CASTINGS . . . . .	3.4	59.0	10	.9	(Z)	.3	(Z)	(Z)	.5	.1	6	1.4	.9
3369	NONFERROUS CASTINGS, NEC . . . . .	7.8	104.3	11	1.5	.3	.7	.1	-	.5	.1	8	7.6	1.5
339	MISC. PRIMARY METAL PRODUCTS . . . . .	34.1	479.6	77	12.9	1.9	4.3	.4	-	4.3	3.8	41	23.5	11.6
3391	IRON AND STEEL FORGINGS . . . . .	22.6	312.2	34	7.1	1.2	1.2	.4	-	2.0	3.4	19	13.2	5.9
3392	NONFERROUS FORGINGS . . . . .	7.8	114.3	8	2.1	.2	1.2	(Z)	-	.7	.2	6	5.4	2.0
3399	PRIMARY METAL PRODUCTS, NEC . . . . .	3.7	53.1	35	3.7	.5	1.9	(Z)	-	1.6	.2	16	4.9	3.7
34	FABRICATED METAL PRODUCTS . . . . .	357.2	5 399.6	569	67.7	6.7	37.1	3.8	1.9	13.5	11.3	292	168.9	65.0
3411	METAL CANS . . . . .	21.3	361.4	28	1.9	.2	.3	(Z)	(Z)	.8	.7	16	2.2	1.8
342	CUTLERY, HANDTOOLS, AND HARDWARE . . . . .	63.3	1 137.7	76	16.7	1.2	8.2	2.0	1.6	3.2	1.8	45	30.1	16.0
3421	CUTLERY . . . . .	6.0	207.5	7	5.6	.1	.6	1.5	1.4	1.9	.1	6	7.4	5.6
3423	HAND AND EDGE TOOLS, NEC . . . . .	9.5	128.8	19	1.4	.2	.7	(Z)	-	.3	.5	9	2.2	1.4
3425	HANDSAWS AND SAW BLADES . . . . .	1.7	32.2	3	.4	-	.1	.2	-	.1	(Z)	2	.6	.4
3429	HARDWARE, NEC . . . . .	46.1	769.3	47	9.3	.9	6.8	.3	.1	.8	1.2	28	19.9	8.7
343	PLUMBING AND HEATING EXC. ELECTRIC . . . . .	19.3	278.3	38	4.6	.3	3.2	.1	.1	.5	.7	20	7.0	4.2
3431	METAL SANITARY WARE . . . . .	6.9	94.7	13	2.3	.2	1.6	(Z)	.1	.4	.3	8	4.2	2.1
3432	PLUMBING FITTINGS AND BRASS GOODS . . . . .	5.4	75.8	14	.9	(Z)	.7	(Z)	-	.1	.1	7	1.2	.8
3433	HEATING EQUIPMENT, EXCEPT ELECTRIC . . . . .	7.0	107.9	11	1.4	(Z)	.9	.1	.1	(Z)	.4	5	1.6	1.3
344	FABRICATED STRUCTURAL METAL PRDO..	48.4	648.7	61	6.3	.6	2.0	.2	.1	1.5	2.5	35	10.5	6.1
3441	FABRICATED STRUCTURAL STEEL . . . . .	9.7	84.3	9	1.4	.2	.1	(Z)	.1	.1	1.2	4	2.0	1.4
3442	METAL DOORS, SASH, AND TRIM . . . . .	6.7	68.2	13	1.4	.1	.9	(Z)	(Z)	.4	.1	8	3.3	1.3
3443	FABRICATED PLATEWORK (BOILER SHOPS) . . . . .	23.4	355.1	22	2.3	.2	.7	.1	-	.8	.7	16	3.7	2.3
3444	SHEET METALWRK. . . . .	4.8	77.6	10	.7	.1	.3	(Z)	-	.2	.2	6	1.1	.7
3446	ARCHITECTURAL METALWRK. . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
3449	MISCELLANEOUS METALWORK . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
345	SCREW MACHINE PRODUCTS, BOLTS, ETC . . . . .	31.7	453.8	49	5.5	.4	4.0	.1	(Z)	.6	.7	25	7.5	5.3
3451	SCREW MACHINE PRODUCTS . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
3452	BOLTS, NUTS, RIVETS, AND WASHERS . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
3461	METAL STAMPINGS . . . . .	105.3	1 560.5	87	14.1	1.7	7.9	.4	.1	2.8	3.0	57	82.0	13.6
347	METAL SERVICES, NEC . . . . .	7.9	89.1	118	8.1	.6	7.2	(Z)	(Z)	.6	.3	34	9.3	8.0
3471	PLATING AND POLISHING . . . . .	7.0	77.5	110	7.5	.6	6.7	(Z)	(Z)	.5	.3	34	8.7	7.4
3479	METAL COATING AND ALLIED SERVICES . . . . .	.9	11.6	8	.6	(Z)	.5	(Z)	-	.1	(Z)	-	.6	.6
3481	MISC. FABRICATED WIRE PRODUCTS . . . . .	6.6	81.0	20	1.4	(Z)	.8	(Z)	(Z)	.4	.1	8	1.8	1.3
349	MISC. FABRICATED METAL PRODUCTS . . . . .	53.4	789.1	92	9.2	1.6	3.6	.8	(Z)	3.2	1.5	52	18.4	8.7
3491	METAL BARRELS, DRUMS, AND PAILS . . . . .	1.5	20.8	8	.5	(Z)	.2	(Z)	-	.1	.1	6	.6	.5
3492	SAVES AND VAULTS . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
3493	STEEL SPRINGS . . . . .	1.3	15.7	5	.5	-	.1	(Z)	-	.4	(Z)	1	.6	.5
3494	VALVES AND PIPE FITTINGS . . . . .	33.0	473.5	40	4.5	.5	1.8	.4	(Z)	1.3	1.0	23	6.2	4.3
3496	COLLAPSIBLE TUBES . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

See footnotes at end of table.



TABLE 2. Water Intake by Purpose, Gross Water Used, and Water Discharged: 1968—Continued

## A. INDUSTRY GROUPS AND INDUSTRIES—Continued

(All water data in billions of gallons)

Code	Industry group and industry	Establishments reporting consumption of water			Water intake							Establishments recirculating water (number)	Gross water used, including recirculation or reuse	Total water discharged
		All employees (1,000)	Value added by manufacture (million dollars)	Establishments (number)	Total	Treated prior to use (included in total)	By purpose of intake							
							Process	Air conditioning	Steam electric power generation	Other cooling and condensing	Boiler feed, sanitary service, and other uses			
3497	METAL FOIL AND LEAF . . . . .	4.4	79.0	10	1.6	.4	.3	.3	-	.9	.1	5	7.8	1.6
3498	FABRICATED PIPE AND FITTINGS . . . . .	1.3	15.7	5	.2	(Z)	.1	(Z)	-	(Z)	(Z)	2	.2	.2
3499	FABRICATED METAL PRODUCTS, NEC . . . . .	9.1	144.9	21	1.7	.6	1.0	.1	-	.5	.2	12	2.7	1.4
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	673.2	10 897.7	471	189.0	17.3	28.9	16.0	70.5	49.6	24.0	305	338.4	180.8
351	ENGINES AND TURBINES . . . . .	82.7	1 358.3	37	85.9	2.6	4.7	2.2	42.6	31.5	4.9	28	110.0	85.1
3511	STEAM ENGINES AND TURBINES . . . . .	34.5	555.4	11	75.1	1.0	.3	1.0	42.5	27.9	3.4	9	87.6	74.8
3519	INTERNAL COMBUSTION ENGINES, NEC . . . . .	48.2	802.9	26	10.8	1.6	4.4	1.2	.1	3.6	1.5	19	22.4	10.2
3522	FARM MACHINERY . . . . .	64.4	1 100.3	37	32.1	.6	5.2	.9	19.5	2.2	4.2	24	43.7	30.3
353	CONSTRUCTION AND RELATED MACHINERY . . . . .	115.7	1 909.0	74	20.7	7.3	6.7	1.4	5.5	3.7	3.3	48	66.1	20.4
3531	CONSTRUCTION MACHINERY . . . . .	74.8	1 282.4	36	15.2	4.5	3.5	1.2	5.5	3.0	2.0	27	39.9	15.1
3532	MINING MACHINERY . . . . .	9.2	133.3	8	.8	(Z)	.1	(Z)	-	.2	.4	7	1.9	.8
3533	DILFIELD MACHINERY . . . . .	9.4	132.2	11	1.5	.3	.7	.1	-	.3	.4	6	19.8	1.4
3534	ELEVATORS AND MOVING STAIRWAYS . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
3535	CONVEYORS AND CONVEYING EQUIPMENT . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
3536	HOISTS, CRANES, AND MONORAILS . . . . .	6.9	92.5	4	2.5	2.3	2.4	(Z)	-	(Z)	.1	2	2.6	2.5
3537	INDUSTRIAL TRUCKS AND TRACTORS . . . . .	10.6	193.2	7	.4	.1	.1	(Z)	-	.1	.2	5	1.6	.4
354	METALWORKING MACHINERY . . . . .	79.3	1 221.6	69	7.1	.9	1.7	.9	.1	2.1	2.3	41	14.2	6.4
3541	MACHINE TOOLS, METAL-CUTTING TYPES . . . . .	40.4	617.2	25	3.4	.4	.9	.3	.1	.8	1.3	13	4.3	3.3
3542	MACHINE TOOLS, METAL-FORMING TYPES . . . . .	5.6	76.0	6	.2	(Z)	(Z)	(Z)	-	(Z)	.1	3	.3	.2
3544	SPECIAL Dies, TOOLS, JIGS, FIXTURES . . . . .	3.3	39.4	9	.7	-	.1	.1	-	.3	.2	5	1.6	.7
3545	MACHINE TOOL ACCESSORIES . . . . .	12.0	216.9	13	.9	.2	.2	.1	-	.3	.3	8	2.6	.8
3548	METALWORKING MACHINERY, NEC . . . . .	17.9	272.1	16	1.9	.4	.4	.1	-	.7	.5	12	5.5	1.4
355	SPECIAL INDUSTRY MACHINERY . . . . .	38.8	552.9	39	7.1	.4	1.5	.3	2.7	.7	2.0	18	10.9	4.3
3551	FOOD PRODUCTS MACHINERY . . . . .	2.9	49.3	4	.2	(Z)	(Z)	(Z)	-	.1	-	—	.2	.2
3552	TEXTILE MACHINERY . . . . .	10.0	108.6	9	2.3	.3	.9	.2	.2	.2	.9	4	2.5	2.3
3553	WOODWORKING MACHINERY . . . . .	2.1	50.7	4	.3	-	.1	(Z)	-	.1	(Z)	4	.4	.3
3554	PAPER INDUSTRIES MACHINERY . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
3555	PRINTING TRADES MACHINERY . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
3559	SPECIAL INDUSTRY MACHINERY, NEC . . . . .	19.1	257.1	15	3.9	.1	.3	.1	2.5	.4	.7	8	7.4	1.3
356	GENERAL INDUSTRIAL MACHINERY . . . . .	108.1	1 589.6	96	12.3	2.6	2.6	1.4	(Z)	5.5	2.7	64	37.8	11.6
3561	PUMPS AND COMPRESSORS . . . . .	35.8	549.0	32	2.9	.3	.7	.6	-	.9	.6	21	6.2	2.8
3562	BALL AND ROLLER BEARINGS . . . . .	45.2	626.8	32	5.4	1.6	.9	.4	(Z)	2.9	1.1	21	22.0	5.1
3564	BLOWERS AND FANS . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
3566	POWER TRANSMISSION EQUIPMENT . . . . .	20.1	300.9	19	2.7	.6	.6	.2	(Z)	1.3	.6	15	5.0	2.6
3567	INDUSTRIAL FURNACES AND OVENS . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
3569	GENERAL INDUSTRIAL MACHINERY, NEC . . . . .	2.3	30.5	7	.8	(Z)	.2	.1	-	.3	.2	2	4.0	.8
357	OFFICE AND COMPUTING MACHINES . . . . .	101.3	1 826.2	43	13.4	1.2	2.0	7.7	-	1.6	2.0	25	31.7	13.1
3572	TYPEWRITERS . . . . .	21.2	376.1	8	2.0	.4	.9	.1	-	.1	.8	5	3.3	2.0
3573	ELECTRONIC COMPUTING EQUIPMENT . . . . .	61.3	1 111.9	22	10.5	.8	.8	7.5	-	1.2	1.0	15	25.0	10.3
3574	CALCULATING AND ACCOUNTING MACHINES . . . . .	10.0	157.3	6	.5	(Z)	.1	(Z)	-	.3	.1	3	.7	.5
3576	SCALES AND BALANCES . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
3579	OFFICE MACHINES, NEC . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
358	SERVICE INDUSTRY MACHINES . . . . .	58.3	1 013.3	50	6.5	.6	2.7	.8	(Z)	1.2	1.8	37	14.8	6.2
3581	AUTOMATIC MERCHANDISING MACHINES . . . . .	3.3	53.9	4	.2	(Z)	.1	(Z)	-	(Z)	(Z)	3	.7	.2
3582	COMMERCIAL LAUNDRY EQUIPMENT . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
3585	REFRIGERATION MACHINERY . . . . .	47.3	845.3	32	5.7	.5	2.4	.8	(Z)	1.1	1.5	26	13.3	5.5
3586	MEASURING AND DISPENSING PUMPS . . . . .	4.2	62.0	5	.3	(Z)	.1	(Z)	-	(Z)	.1	3	.3	.3
3589	SERVICE INDUSTRY MACHINES, NEC . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
3599	MISC. MACHINERY, EXCEPT ELECTRICAL . . . . .	24.8	326.5	26	4.0	1.2	1.7	.3	(Z)	1.1	.8	20	9.3	3.4
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	978.9	13 728.3	562	126.6	20.1	46.6	12.2	9.6	26.8	31.5	388	369.7	118.4
361	ELECTRIC TEST, DISTRIBUTING EQUIP. . . . .	83.7	1 342.5	53	10.9	.7	2.5	1.0	2.9	2.5	2.0	41	27.0	9.9
3611	ELECTRIC MEASURING INSTRUMENTS . . . . .	25.1	363.2	15	1.9	.2	.7	.2	-	.4	.6	11	5.8	1.7
3612	TRANSFORMERS . . . . .	28.3	449.3	16	4.8	.1	.4	.4	1.3	1.9	.8	10	13.1	4.3
3613	SWITCHGEAR AND SWITCHBOARD APPARATUS . . . . .	30.3	530.0	22	4.3	.5	1.4	.4	1.6	.2	.7	20	8.0	4.0
362	ELECTRICAL INDUSTRIAL APPARATUS . . . . .	95.8	1 413.9	76	18.4	2.9	4.6	1.3	.3	7.2	5.1	56	36.3	17.4
3621	MOTORS AND GENERATORS . . . . .	52.0	755.0	36	10.8	1.8	1.8	.6	.3	4.4	3.7	27	22.1	10.3
3622	INDUSTRIAL CONTROLS . . . . .	26.7	404.8	13	2.7	.1	1.1	.4	(Z)	.4	.8	9	3.5	2.5
3623	WELDING APPARATUS . . . . .	2.8	71.1	5	.2	(Z)	.1	(Z)	(Z)	(Z)	.1	3	1.1	.2
3624	CARBON AND GRAPHITE PRODUCTS . . . . .	8.5	123.9	15	3.0	.3	1.3	.1	-	1.4	.3	12	7.1	2.9
3629	ELECTRICAL INDUSTRIAL APPARATUS, NEC . . . . .	5.8	59.2	7	1.7	.7	.4	.1	-	1.0	.2	5	2.5	1.6
363	HOUSEHOLD APPLIANCES . . . . .	107.6	1 809.1	67	25.1	1.7	16.4	1.5	.1	3.6	3.5	48	37.0	24.0
3631	HOUSEHOLD COOKING EQUIPMENT . . . . .	9.2	142.4	8	.9	.1	.5	(Z)	-	.1	.3	7	1.4	.8
3632	HOUSEHOLD REFRIGERATORS AND FREEZERS . . . . .	40.9	635.3	11	13.1	.9	10.2	.8	.1	1.1	1.0	8	18.1	12.7
3633	HOUSEHOLD LAUNDRY EQUIPMENT . . . . .	18.2	389.0	11	3.2	.2	1.5	.2	-	1.0	.5	9	5.9	3.1
3634	ELECTRIC HOUSEWARES AND FANS . . . . .	19.9	306.4	22	4.2	.4	2.6	.2	(Z)	.5	.9	15	6.1	3.9
3635	HOUSEHOLD VACUUM CLEANERS . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
3636	SEWING MACHINES . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
3639	HOUSEHOLD APPLIANCES, NEC . . . . .	7.0	122.3	9	1.1	.1	.4	(Z)	-	.3	.3	4	2.0	1.0
364	ELECT. LIGHTING AND WIRING EQUIP. . . . .	59.1	960.5	73	8.3	1.1	3.9	.3	.2	2.5	1.4	40	14.2	7.3
3641	ELECTRIC LAMPS . . . . .	18.5	347.1	21	1.7	.5	.2	.1	-	.9	.5	12	3.6	1.5
3642	LIGHTING FIXTURES . . . . .	15.6	242.4	21	3.0	.6	1.8	.1	-	.7	.5	11	5.9	2.4
3643	CURRENT-CARRYING WIRING DEVICES . . . . .	16.0	229.2	18	1.8	(Z)	.8	.1	.1	.5	.3	11	2.5	1.7
3644	NONCURRENT-CARRYING WIRING DEVICES . . . . .	8.9	141.8	13	1.9	.1	1.1	(Z)	.1	.4	.2	6	2.2	1.8
365	RADIO AND TV RECEIVING EQUIPMENT . . . . .	80.6	723.5	34	4.2	.6	1.7	.1	(Z)	1.4	1.0	17	10.3	3.9
3651	RADIO AND TV RECEIVING SETS . . . . .	72.4	615.0	20	2.7	.4	1.2	(Z)	-	.7	.8	10	5.7	2.5
3652	PHONOGRAPH RECORDS . . . . .	8.2	108.5	14	1.5	.2	.5	(Z)	(Z)	.7	.3	7	4.6	1.3
366	COMMUNICATION EQUIPMENT . . . . .	317.5	4 448.4	88	22.7	4.5	4.5	3.9	6.0	2.5	5.9	68	128.8	21.0
3661	TELEPHONE AND TELEGRAPH APPARATUS . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
3662	RADIO AND TV COMMUNICATION EQUIPMENT . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
367	ELECTRONIC COMPONENTS, ACCESSORIES . . . . .	176.8	2 140.4	108	21.1	7.9	8.2	3.8	-	4.0	5.0	75	88.0	19.4

See footnotes at end of table.

TABLE 2. Water Intake by Purpose, Gross Water Used, and Water Discharged: 1968—Continued

## A. INDUSTRY GROUPS AND INDUSTRIES—Continued

(All water data in billions of gallons)

Code	Industry group and industry	Establishments reporting consumption of water			Water intake							Establishments recirculating water (number)	Gross water used, including recirculation or reuse	Total water discharged
		All employees (1,000)	Value added by manufacture (million dollars)	Establishments (number)	Total	Treated prior to use (included in total)	By purpose of intake							
							Process	Air conditioning	Steam electric power generation	Other cooling and condensing	Boiler feed, sanitary service, and other uses			
3671	ELECTRON TUBES, RECEIVING TYPE . . . .	18.6	209.6	9	1.0	.1	.3	.2	-	.3	.3	8	5.9	1.0
3672	CATHODE RAY PICTURE TUBES. . . . .	21.6	405.8	7	2.9	2.6	1.6	.6	-	.3	.3	7	5.5	2.8
3673	ELECTRON TUBES, TRANSMITTING . . . .	9.7	128.7	8	1.5	.6	.4	.4	-	.5	.3	6	4.2	1.4
3674	SEMICONDUCTORS . . . . .	59.1	574.3	26	6.5	1.9	2.6	.6	-	1.4	2.0	22	44.0	6.4
3679	ELECTRONIC COMPONENTS, NEC . . . . .	67.7	821.9	58	9.1	2.7	3.4	2.0	-	1.7	2.0	32	28.3	8.1
369	MISC. ELECTRICAL EQUIP., SUPPLIES. . .	58.0	890.0	63	16.0	.6	4.8	.4	.2	3.1	7.5	43	28.1	15.5
3691	STORAGE BATTERIES. . . . .	8.9	133.0	26	2.8	.1	1.4	(Z)	-	.9	.4	14	6.9	2.6
3692	PRIMARY BATTERIES, DRY AND WET . . .	6.6	109.7	11	.6	.2	.2	.1	-	.2	.1	7	.9	.6
3693	X-RAY APPARATUS AND TUBES. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3694	ENGINE ELECTRICAL EQUIPMENT. . . . .	36.6	552.1	17	4.9	.2	1.7	.2	(Z)	1.7	1.3	15	8.0	4.7
3699	ELECTRICAL EQUIPMENT, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(Z)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	1 304.0	21 480.5	392	312.8	38.6	63.3	24.3	5.3	50.6	169.4	288	910.6	293.1
371	MOTOR VEHICLES AND EQUIPMENT . . . .	533.8	10 557.8	217	143.3	24.0	43.0	3.5	.3	29.2	67.3	167	611.0	131.9
3711	MOTOR VEHICLES . . . . .	222.2	5 404.6	53	31.2	5.2	18.8	1.3	(Z)	4.6	6.5	50	242.7	28.0
3712	PASSENGER CAR BOOIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3713	TRUCK AND BUS BOOIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3714	MOTOR VEHICLE PARTS AND ACCESSORIES. .	270.5	4 520.9	139	106.2	18.1	22.6	2.0	.3	23.1	58.1	100	178.0	98.9
3715	TRUCK TRAILERS . . . . .	3.9	45.9	3	.4	-	(Z)	(Z)	-	.2	.1	1	.4	.2
372	AIRCRAFT AND PARTS . . . . .	621.4	9 193.9	114	142.9	13.5	16.9	20.3	4.2	11.3	90.2	89	263.1	135.3
3721	AIRCRAFT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3722	AIRCRAFT ENGINES AND ENGINE PARTS. . .	152.1	2 274.3	41	101.8	9.4	6.1	4.9	4.1	4.6	82.2	32	155.9	96.6
3723	AIRCRAFT PROPELLERS AND PARTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3729	AIRCRAFT EQUIPMENT, NEC. . . . .	112.1	1 494.3	44	11.6	1.5	4.9	1.8	.1	1.9	2.9	35	42.1	10.8
373	SHIP AND BOAT BUILDING, REPAIRING. . .	101.2	996.1	32	19.1	.3	1.8	.3	.2	8.4	8.3	13	21.6	18.7
3731	SHIP BUILDING AND REPAIRING. . . . .	101.2	996.1	32	19.1	.3	1.8	.3	.2	8.4	8.3	13	21.6	18.7
374	RAILROAD EQUIPMENT . . . . .	39.4	560.4	20	6.1	.8	1.0	.1	.5	1.1	3.3	12	13.0	5.8
3741	LOCOMOTIVES AND PARTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3742	RAILROAD AND STREET CARS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3751	MOTORCYCLES, BICYCLES, AND PARTS . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
379	MISC. TRANSPORTATION EQUIPMENT . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3799	TRANSPORTATION EQUIPMENT, NEC. . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
38	INSTRUMENTS AND RELATED PRODUCTS	176.4	3 214.6	107	37.6	15.6	16.6	3.8	8.1	3.3	5.8	76	117.9	36.0
3811	ENGINEERING, SCIENTIFIC INSTRUMENTS. .	14.1	233.2	8	.7	(Z)	.2	.1	-	.2	.2	6	3.1	.7
382	MECHAN. MEASURING, CONTROL DEVICES	49.9	662.6	32	4.8	.6	2.3	.3	(Z)	.6	1.7	22	7.5	4.6
3821	MECHANICAL MEASURING DEVICES . . . .	29.9	365.2	17	3.0	.1	1.5	.1	(Z)	.1	1.3	13	4.6	2.9
3822	AUTOMATIC TEMPERATURE CONTROLS . . .	19.9	297.4	15	1.8	.5	.7	.1	-	.5	.4	9	3.0	1.7
3831	OPTICAL INSTRUMENTS AND LENSES . . . .	8.2	119.2	6	.4	.1	.1	.1	-	.1	.1	5	3.8	.4
384	MEDICAL INSTRUMENTS AND SUPPLIES . . .	15.0	271.9	20	2.6	.4	1.0	.2	(Z)	.5	.9	10	4.2	2.5
3841	SURGICAL AND MEDICAL INSTRUMENTS . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3842	SURGICAL APPLIANCES AND SUPPLIES . . .	10.1	217.6	13	2.0	.4	.8	.2	(Z)	.2	.8	6	3.4	1.9
3843	DENTAL EQUIPMENT AND SUPPLIES. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3851	OPHTHALMIC GOODS . . . . .	11.3	128.9	7	8.7	.3	.8	.1	7.0	.4	.5	5	10.6	8.7
3861	PHOTOGRAPHIC EQUIPMENT AND SUPPLIES. .	64.2	1 670.4	26	18.1	12.9	10.4	3.0	1.1	1.5	2.1	22	86.0	16.9
387	WATCHES, CLOCKS, AND WATCHCASES. . .	13.7	128.3	8	2.2	1.3	1.8	.1	-	(Z)	.3	6	2.7	2.2
3871	WATCHES AND CLOCKS . . . . .	13.7	128.3	8	2.2	1.3	1.8	.1	-	(Z)	.3	6	2.7	2.2
39	MISC. MANUFACTURING INDUSTRIES . . . .	57.6	805.3	97	14.4	2.3	4.6	1.1	3.3	2.7	2.6	49	23.8	13.0
391	JEWELRY, SILVERWARE, PLATED WARE . . .	11.3	157.0	15	5.0	.2	.7	(Z)	3.0	.1	1.2	6	5.5	4.1
3911	JEWELRY, PRECIOUS METAL. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3912	JEWELERS' FINDINGS AND MATERIALS . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3914	SILVERWARE AND PLATED WARE . . . . .	6.5	90.4	9	4.8	.2	.6	(Z)	3.0	.1	1.1	4	5.2	3.9
3931	MUSICAL INSTRUMENTS AND PARTS. . . . .	4.4	43.1	6	.3	(Z)	(Z)	.2	-	-	.1	1	.3	.3
394	TOYS AND SPORTING GOODS. . . . .	15.5	216.1	24	2.9	.7	1.1	.1	(Z)	1.3	.4	14	4.7	2.8
3941	GAMES AND TOYS . . . . .	8.4	128.2	8	.9	.5	.1	(Z)	(Z)	.6	.2	5	1.5	.9
3943	CHILDREN'S VEHICLES, EXCEPT BICYCLES	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3949	SPORTING AND ATHLETIC GOODS, NEC . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
395	PENS, PENCILS, OFFICE, ART GOODS . . . .	6.3	78.5	11	.9	.1	.1	.5	-	.2	.1	5	1.0	.9
3951	PENS AND MECHANICAL PENCILS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3952	LEAD PENCILS AND ART GOODS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3955	CARBON PAPER AND INKED RIBBONS . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
396	COSTUME JEWELRY AND NOTIONS. . . . .	7.7	100.2	19	1.7	(Z)	1.2	.2	-	.1	.3	9	2.5	1.6
3961	COSTUME JEWELRY. . . . .	3.5	58.2	6	.4	(Z)	.3	(Z)	-	(Z)	.1	3	.5	.3
3962	ARTIFICIAL FLOWERS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3963	BUTTONS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3964	NEEDLES, PINS, AND FASTENERS . . . . .	3.9	39.1	11	1.1	(Z)	.7	.2	-	(Z)	.1	6	1.8	1.1
399	MISCELLANEOUS MANUFACTURES . . . . .	12.4	210.3	22	3.5	1.3	1.6	.1	.3	1.1	.5	14	9.7	3.2
3993	SIGNS AND ADVERTISING DISPLAYS . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3994	MORTICIANS' GOODS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3996	HARD SURFACE FLOOR COVERINGS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3999	MANUFACTURES, NEC. . . . .	6.7	72.8	16	2.0	.1	1.2	.1	.3	.1	.3	11	4.4	1.9

Note: Detailed figures may not add to totals because of independent rounding. The figures shown for industry groups include data for all component industries whether or not separate figures are shown for the individual industries in the group.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Less than 50 million gallons.



TABLE 2. Water Intake by Purpose, Gross Water Used, and Water Discharged: 1968

## B. WATER USE REGIONS, MAJOR INDUSTRY GROUPS, AND INDUSTRIES

(All water data in billions of gallons)

Water use region, major industry group and industry	Establishments reporting consumption of water			Water intake							Establishments recirculating water (number)	Gross water used, including recirculation or reuse	Total water discharged
	All employees (1,000)	Value added by manufacture (million dollars)	Establishments (number)	Total	Treated prior to use (included in total)	By purpose of intake							
						Process	Air conditioning	Steam electric power generation	Other cooling and condensing	Boiler feed, sanitary service, and other uses			
UNITED STATES, TOTAL . . . . .	7 275.6	125 416.9	9 402	15 466.5	3 505.8	4 295.1	249.4	3 008.7	6 877.2	1 035.8	6 135	35 700.6	14 275.9
NEW ENGLAND. . . . .	525.8	7 460.7	696	585.3	176.3	245.0	12.7	105.7	97.0	124.9	395	966.0	558.4
DELAWARE AND HUDSON. . . . .	738.5	13 883.3	976	1 258.7	344.2	228.1	28.6	183.8	746.0	72.2	639	2 340.1	1 191.9
CHESAPEAKE BAY . . . . .	385.5	6 079.4	455	816.2	437.1	164.5	19.1	187.7	400.1	44.8	294	1 359.7	754.7
EASTERN GREAT LAKES-ST. LAWRENCE. . . . .	878.7	15 511.8	867	1 626.1	181.7	413.0	16.8	336.7	723.0	136.6	592	2 804.2	1 459.7
OHIO RIVER . . . . .	1 014.0	17 744.3	1 055	2 455.0	348.3	424.2	24.9	407.2	1 472.8	125.8	713	4 125.1	2 295.4
TENNESSEE. . . . .	153.6	2 436.6	213	521.0	119.5	113.2	25.2	33.5	313.6	35.5	137	963.9	499.3
SOUTHEAST. . . . .	686.0	9 867.7	1 075	1 180.7	526.3	547.8	35.7	167.9	339.9	89.5	673	3 718.4	1 099.6
WESTERN GREAT LAKES. . . . .	862.4	15 070.6	995	1 923.8	327.9	673.8	25.6	443.0	709.7	71.6	624	2 932.9	1 811.3
UPPER MISSISSIPPI. . . . .	556.1	9 666.5	737	694.8	158.8	200.3	12.4	197.0	230.7	54.5	470	1 514.5	581.6
LOWER MISSISSIPPI. . . . .	95.0	1 981.8	235	780.4	136.1	115.7	5.6	210.8	413.5	34.8	153	1 797.5	744.6
MISSOURI . . . . .	147.3	2 753.5	281	162.3	57.8	66.8	3.1	16.3	55.6	20.5	195	577.2	141.9
ARKANSAS, WHITE AND RED. . . . .	168.8	2 631.5	326	236.9	91.1	103.8	11.9	30.2	60.0	31.0	218	1 642.1	184.6
WESTERN GULF . . . . .	244.5	6 215.0	385	2 031.3	206.6	420.2	18.4	586.0	923.0	83.6	294	7 087.7	1 899.1
COLORADO BASIN . . . . .	40.7	626.6	46	23.3	6.8	12.3	.8	1.0	6.8	2.3	33	143.2	18.3
GREAT BASIN. . . . .	17.8	365.9	40	35.3	14.3	17.6	.4	3.0	10.7	3.5	28	194.2	26.8
CALIFORNIA . . . . .	519.4	9 380.3	586	369.9	97.0	114.5	3.2	24.4	178.1	49.7	406	1 511.7	314.1
PACIFIC NORTHWEST. . . . .	209.1	3 189.7	360	599.4	226.2	352.8	4.2	39.5	154.9	48.0	225	1 689.8	532.5
CUMBERLAND . . . . .	21.0	351.8	34	37.2	9.2	4.1	.8	.5	29.8	2.0	22	59.6	36.6
ALASKA . . . . .	1.7	44.2	12	33.7	24.5	29.5	(2)	2.2	1.2	.8	4	116.0	32.3
HAWAII . . . . .	9.7	155.8	28	95.3	16.1	48.0	(2)	32.2	11.0	4.1	20	156.7	93.3

Note: This table shows summary totals only for the United States and for water use regions. A distribution of these totals by industry group and industry is shown in table 2B of the subject report, "Water Use in Manufacturing: 1968," Series M67(1)-7.

(2) Less than 30 million gallons.



TABLE 2. Water Intake by Purpose, Gross Water Used, and Water Discharged: 1968

## C. STATES AND MAJOR INDUSTRY GROUPS

(All water data in billions of gallons)

Code	State and major industry group	Establishments reporting consumption of water			Water intake							Establishments recirculating water (number)	Gross water used, including recirculation or reuse	Total water discharged
		All employees (1,000)	Value added by manufacture (million dollars)	Establishments (number)	Total	Treated prior to use (included in total)	By purpose of intake							
							Process	Air conditioning	Steam electric power generation	Other cooling and condensing	Boiler feed, sanitary service, and other uses			
	UNITED STATES: TOTAL . . . . .	7 275.6	125 416.9	9 402	15 466.5	3 505.8	4 295.1	249.4	3 008.7	6 877.2	1 035.8	6 135	35 700.6	14 275.9
	NEW ENGLAND DIVISION . . . . .	536.2	7 612.2	711	590.1	177.6	247.4	12.8	107.4	97.1	125.4	404	976.5	563.1
	MAINE . . . . .	35.1	424.1	65	162.2	89.3	105.4	.6	32.4	7.8	16.0	36	317.3	153.0
20	FOOD AND KINDRED PRODUCTS . . . . .	3.8	46.9	17	2.6	.5	1.6	(Z)	.1	.7	.2	6	4.1	2.5
22	TEXTILE MILL PRODUCTS . . . . .	5.4	44.8	8	.9	.1	.7	(Z)	(Z)	.1	.1	3	.9	.9
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	15.9	243.2	21	154.4	88.1	100.9	.5	32.0	5.6	15.3	19	307.6	145.8
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31	LEATHER AND LEATHER PRODUCTS . . . . .	2.5	19.5	7	1.7	—	1.6	—	—	(Z)	(Z)	1	1.7	1.6
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NEW HAMPSHIRE . . . . .	28.5	356.3	57	57.8	32.8	41.0	.2	4.2	3.8	8.6	31	108.1	55.6
20	FOOD AND KINDRED PRODUCTS . . . . .	.4	7.5	3	.2	(Z)	(Z)	(Z)	—	.1	(Z)	1	.2	.1
22	TEXTILE MILL PRODUCTS . . . . .	4.6	41.3	13	4.7	1.5	2.6	(Z)	.7	(Z)	1.5	7	5.5	3.5
26	PAPER AND ALLIED PRODUCTS . . . . .	3.6	60.6	10	49.8	30.8	37.0	.1	3.5	2.6	6.5	7	96.4	49.0
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31	LEATHER AND LEATHER PRODUCTS . . . . .	3.0	21.4	8	.9	—	.8	(Z)	—	(Z)	.1	1	1.1	.9
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	.7	10.4	4	.2	.1	.1	(Z)	—	.1	(Z)	2	.3	.2
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	4.6	54.7	5	.3	(Z)	(Z)	(Z)	(Z)	.1	.1	2	.5	.3
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	8.9	125.9	6	1.0	.1	.3	.1	—	.4	.1	6	3.1	.9
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	VERMONT . . . . .	13.8	195.9	22	6.8	2.0	3.4	.1	1.8	.9	.6	12	17.7	6.4
20	FOOD AND KINDRED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	.5	8.8	4	4.1	1.8	2.1	—	1.7	—	.3	3	9.2	4.1
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	1.1	9.0	5	.4	.2	.4	—	—	(Z)	(Z)	3	.6	.3
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	2.7	30.4	3	.1	(Z)	(Z)	(Z)	(Z)	—	.1	1	.1	.1
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MASSACHUSETTS . . . . .	206.7	3 050.8	275	151.8	37.4	50.6	5.3	47.8	37.3	10.8	160	264.3	141.5
20	FOOD AND KINDRED PRODUCTS . . . . .	9.6	189.8	32	14.2	.3	2.3	.2	—	9.4	2.3	13	17.0	13.8
22	TEXTILE MILL PRODUCTS . . . . .	12.0	117.3	34	5.2	2.0	3.0	.4	.2	1.0	.7	11	6.1	5.0
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	14.5	208.8	47	49.5	29.1	30.5	.7	14.3	2.2	2.0	39	100.2	46.2
29	PETROLEUM AND COAL PRODUCTS . . . . .	8.6	173.2	25	13.3	2.3	4.9	.5	.2	6.5	1.1	17	22.9	11.2
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	.4	7.1	4	.2	(Z)	(Z)	(Z)	—	.1	(Z)	3	.2	.1
31	LEATHER AND LEATHER PRODUCTS . . . . .	17.3	209.7	24	9.9	.8	1.3	.3	(Z)	7.5	.7	14	14.5	9.2
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	2.8	26.7	9	1.1	—	1.0	(Z)	(Z)	(Z)	.1	1	2.7	1.0
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34	FABRICATED METAL PRODUCTS . . . . .	9.5	135.4	18	3.7	.5	1.6	(Z)	—	1.7	.4	8	4.5	3.7
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	8.7	205.3	10	6.0	(Z)	1.1	1.7	1.4	1.6	.2	5	7.9	6.0
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	26.0	356.3	18	26.0	.6	.5	.3	23.5	.7	1.0	9	37.3	23.2
37	TRANSPORTATION EQUIPMENT . . . . .	46.1	584.8	23	6.6	1.2	1.6	.9	1.2	2.2	.7	17	12.5	6.5
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	14.8	203.7	6	1.2	.2	.3	(Z)	—	.2	.6	4	10.6	1.1
39	MISC. MANUFACTURING INDUSTRIES . . . . .	19.5	383.4	6	9.3	.3	.7	.2	(Z)	.7	.7	6	17.1	9.1
	RHODE ISLAND . . . . .	33.1	453.0	78	20.2	2.8	10.1	1.9	2.0	4.8	1.4	43	30.1	19.6
20	FOOD AND KINDRED PRODUCTS . . . . .	2.4	33.9	7	1.9	1.0	.2	1.1	(Z)	.6	.1	4	3.1	1.9
22	TEXTILE MILL PRODUCTS . . . . .	4.4	43.3	24	5.5	.7	4.9	.3	—	.1	.3	8	5.8	5.4
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	1.8	31.5	6	2.8	.6	.6	.1	—	1.9	.2	5	5.1	2.7
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	7.1	122.8	13	5.8	.4	3.0	(Z)	1.9	.6	.2	10	7.4	5.8
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	3.4	30.9	4	.4	(Z)	.1	.1	(Z)	.1	.1	3	.5	.3
39	MISC. MANUFACTURING INDUSTRIES . . . . .	3.8	51.2	10	.9	.1	.6	(Z)	(Z)	.1	.1	4	1.1	.9
	CONNECTICUT . . . . .	218.9	3 132.3	214	191.3	13.2	36.9	4.7	19.3	42.4	88.0	122	239.1	187.0
20	FOOD AND KINDRED PRODUCTS . . . . .	1.3	37.7	8	.3	.1	.2	(Z)	(Z)	.1	.1	3	.4	.3
22	TEXTILE MILL PRODUCTS . . . . .	5.4	59.0	15	3.6	.5	1.6	.2	1.3	.1	.3	6	4.1	3.5
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	1.1	23.8	9	4.3	3.0	3.5	(Z)	.6	.1	.1	8	10.9	4.1
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	6.5	157.8	9	37.3	1.0	2.4	.1	8.0	25.8	1.1	8	45.4	36.5
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	10.8	125.4	20	9.8	1.4	1.1	.1	.6	7.3	.7	12	14.1	9.2
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	2.7	36.4	8	1.1	.5	(Z)	—	.4	.1	.1	4	1.5	.9
33	PRIMARY METAL INDUSTRIES . . . . .	16.4	315.6	33	23.5	3.1	15.6	.8	1.7	3.7	1.7	22	33.9	23.1
34	FABRICATED METAL PRODUCTS . . . . .	16.5	223.4	31	4.3	.2	2.5	.2	(Z)	1.1	.5	11	5.5	4.3
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	32.9	451.5	21	3.3	.3	.9	.2	(Z)	1.5	.6	13	4.5	3.2
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	15.6	256.4	17	3.7	.1	2.2	.2	(Z)	.4	1.0	9	4.4	3.6
37	TRANSPORTATION EQUIPMENT . . . . .	83.1	1 091.1	13	91.1	3.2	3.2	2.7	4.0	1.7	79.5	8	101.5	90.6
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	11.3	146.6	8	2.0	.1	.9	.1	(Z)	.1	.9	5	2.2	2.0
39	MISC. MANUFACTURING INDUSTRIES . . . . .	8.2	102.5	16	5.4	.3	1.6	(Z)	2.7	.1	1.1	9	6.1	4.4
	MIDDLE ATLANTIC DIVISION . . . . .	1 361.3	24 070.2	1 636	2 559.8	575.8	519.8	36.9	330.6	1 530.6	142.0	1 088	4 353.7	2 380.3
	NEW YORK . . . . .	496.6	8 750.7	540	568.6	130.0	162.1	19.1	50.1	297.4	40.0	358	995.9	519.0
20	FOOD AND KINDRED PRODUCTS . . . . .	40.7	857.2	135	41.0	3.1	15.5	.7	.5	18.9	5.5	93	53.1	38.2
21	TOBACCO MANUFACTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
22	TEXTILE MILL PRODUCTS . . . . .	6.9	66.8	16	2.5	.9	1.4	(Z)	(Z)	.7	.3	9	3.4	1.6
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 2. Water Intake by Purpose, Gross Water Used, and Water Discharged: 1968—Continued

## C. STATES AND MAJOR INDUSTRY GROUPS—Continued

(All water data in billions of gallons)

Code	State and major industry group	Establishments reporting consumption of water			Water intake							Establishments recirculating water	Gross water used, including recirculation or reuse	Total water discharged
		All employees	Value added by manufacture	Establishments	Total	Treated prior to use (included in total)	By purpose of intake							
							Process	Air conditioning	Steam electric power generation	Other cooling and condensing	Boiler feed, sanitary service, and other uses			
		(1,000)	(million dollars)	(number)							(number)			
25	NEW YORK . . . . .	2.9	39.5	4	.1	(2)	.1	(2)	-	(2)	(2)	1	.1	.1
26	FURNITURE AND FIXTURES . . . . .	13.8	196.1	50	70.7	44.5	51.2	.3	8.8	8.5	1.9	45	144.2	60.8
28	PAPER AND ALLIED PRODUCTS . . . . .	31.6	995.9	56	134.1	46.1	17.9	1.1	2.0	105.2	7.9	40	198.4	129.9
29	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	PETROLEUM AND COAL PRODUCTS . . . . .	8.0	120.9	14	5.5	1.2	1.7	.1	.2	3.0	.5	8	9.8	4.7
31	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	1.3	10.2	7	.4	.2	.3	-	(2)	(2)	.1	2	.5	.4
32	LEATHER AND LEATHER PRODUCTS . . . . .	14.9	258.1	34	8.3	1.4	4.1	.1	-	3.3	.8	32	331.1	156.1
33	STONE, CLAY, AND GLASS PRODUCTS . . . . .	53.2	798.6	52	183.7	6.4	46.9	1.5	21.3	104.4	9.5	15	8.8	2.2
34	PRIMARY METAL INDUSTRIES . . . . .	17.3	260.7	22	2.6	.3	1.4	.1	-	.6	.5	19	66.3	50.2
35	FABRICATED METAL PRODUCTS . . . . .	66.0	1 118.5	32	50.3	1.1	2.5	.8	15.7	20.5	3.3	34	34.1	14.1
36	MACHINERY, EXCEPT ELECTRICAL . . . . .	97.5	1 241.5	52	14.6	3.2	3.9	.2	(2)	4.9	3.6	37	38.3	18.4
37	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	70.3	1 231.4	23	18.8	9.2	4.6	.2	.1	9.2	2.7	17	74.7	15.0
38	TRANSPORTATION EQUIPMENT . . . . .	58.8	1 341.0	23	16.0	11.3	9.7	.2	1.1	1.0	1.9	3	1.9	1.3
39	INSTRUMENTS AND RELATED PRODUCTS . . . . .	5.5	73.7	8	1.3	.4	.2	-	.4	.5	.3	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . . . .	273.8	5 575.9	418	411.5	96.5	101.8	7.3	27.3	249.3	25.7	283	797.9	391.4
20	NEW JERSEY . . . . .	24.3	659.6	51	17.5	2.1	7.1	.6	.1	5.7	4.0	33	35.5	15.7
21	FOOD AND KINDRED PRODUCTS . . . . .	3.5	41.2	19	2.1	.5	2.0	(2)	(2)	(2)	.1	1	2.2	1.9
22	TEXTILE MILL PRODUCTS . . . . .	8.0	137.0	25	19.7	9.1	12.8	.6	4.6	.5	1.1	21	142.9	17.5
23	PAPER AND ALLIED PRODUCTS . . . . .	58.9	1 784.9	120	195.1	63.2	27.3	2.8	9.7	147.4	7.9	88	286.5	188.4
24	CHEMICALS AND ALLIED PRODUCTS . . . . .	4.5	156.7	8	105.6	7.2	29.8	.1	1.4	69.0	5.4	6	214.0	100.5
25	PETROLEUM AND COAL PRODUCTS . . . . .	10.8	128.1	30	5.9	.5	2.0	.1	.1	3.0	.7	19	8.4	5.4
26	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	1.8	16.1	6	.6	(2)	.5	-	(2)	(2)	.1	2	.7	.6
27	LEATHER AND LEATHER PRODUCTS . . . . .	14.8	209.1	26	12.1	7.0	7.9	.1	1.7	1.3	1.1	23	16.4	11.3
28	STONE, CLAY, AND GLASS PRODUCTS . . . . .	18.4	305.4	40	22.6	1.4	6.0	.3	1.0	13.8	1.5	29	36.7	20.4
29	PRIMARY METAL INDUSTRIES . . . . .	10.7	176.1	16	1.5	.1	.6	.1	(2)	.5	.3	10	2.3	1.4
30	FABRICATED METAL PRODUCTS . . . . .	18.2	252.9	18	9.0	.9	.4	.2	3.3	4.6	.5	9	9.8	9.0
31	MACHINERY, EXCEPT ELECTRICAL . . . . .	68.1	1 005.7	38	11.5	1.8	1.5	1.6	5.4	1.3	1.7	29	21.7	11.3
32	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	20.9	512.5	9	2.8	1.1	1.2	.1	-	.8	.7	8	14.9	2.7
33	TRANSPORTATION EQUIPMENT . . . . .	6.3	130.4	5	1.6	.9	.1	.6	-	.4	.5	3	2.2	1.6
34	INSTRUMENTS AND RELATED PRODUCTS . . . . .	3.0	39.3	6	1.5	.8	.3	.2	-	.8	.1	2	1.5	1.4
39	MISC. MANUFACTURING INDUSTRIES . . . . .	590.9	9 743.6	678	1 579.8	349.3	255.9	10.5	253.2	983.9	76.3	447	2 559.9	1 470.0
20	PENNSYLVANIA . . . . .	35.6	682.8	104	36.2	3.0	6.3	1.5	4.6	20.6	3.3	66	50.5	33.0
21	FOOD AND KINDRED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
22	TEXTILE MILL PRODUCTS . . . . .	11.0	107.9	33	3.3	1.9	2.5	.1	(2)	.1	.5	11	3.7	3.0
23	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
24	LUMBER AND WOOD PRODUCTS . . . . .	4.1	31.0	7	.2	(2)	.1	(2)	-	.1	(2)	5	.8	.2
25	FURNITURE AND FIXTURES . . . . .	15.3	253.9	42	68.5	43.3	44.4	.8	11.1	9.5	2.8	36	201.3	57.6
26	PAPER AND ALLIED PRODUCTS . . . . .	29.9	953.6	65	174.8	12.9	10.2	3.1	4.4	149.6	7.5	42	254.6	165.6
27	CHEMICALS AND ALLIED PRODUCTS . . . . .	10.0	257.8	17	118.4	12.7	1.7	.2	-	107.4	9.1	14	384.0	107.8
28	PETROLEUM AND COAL PRODUCTS . . . . .	16.0	240.7	31	5.3	1.8	1.2	.1	.1	2.5	1.4	23	12.6	4.0
29	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	2.4	17.0	8	1.2	.8	1.0	-	(2)	.1	.1	2	1.3	.9
30	LEATHER AND LEATHER PRODUCTS . . . . .	24.7	359.9	61	23.2	3.3	7.6	.2	4.8	7.6	2.9	35	39.6	21.3
31	STONE, CLAY, AND GLASS PRODUCTS . . . . .	190.9	3 001.6	116	1 111.3	264.0	170.7	2.1	223.0	674.6	40.8	87	1 508.2	1 041.3
32	PRIMARY METAL INDUSTRIES . . . . .	37.1	503.8	50	5.8	.8	2.4	.2	.1	1.3	1.9	26	10.4	5.4
33	FABRICATED METAL PRODUCTS . . . . .	53.2	817.2	40	13.4	1.2	.9	.8	2.7	6.8	2.3	31	28.9	13.1
34	MACHINERY, EXCEPT ELECTRICAL . . . . .	81.1	1 247.6	59	10.1	2.3	3.6	.9	1.9	2.2	1.6	38	26.4	9.2
35	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	53.0	863.2	17	4.6	.7	1.2	.3	.5	1.0	1.8	15	28.1	4.0
36	TRANSPORTATION EQUIPMENT . . . . .	14.0	191.8	11	.9	.1	.4	.1	-	.1	.3	8	1.2	.9
37	INSTRUMENTS AND RELATED PRODUCTS . . . . .	6.0	126.9	7	.9	.5	.3	.2	-	.2	.2	3	4.8	.8
39	MISC. MANUFACTURING INDUSTRIES . . . . .	2 333.9	40 354.2	2 540	4 256.6	651.5	1 262.1	53.6	1 022.1	1 665.1	253.6	1 676	7 501.2	3 865.9
20	EAST NORTH CENTRAL DIVISION. . . . .	644.7	11 055.1	717	1 204.0	158.1	240.7	11.2	297.5	588.7	65.9	483	2 157.1	1 128.5
21	OHIO . . . . .	28.7	572.0	100	17.0	8.0	5.2	.4	2.0	3.8	5.6	66	28.9	15.1
22	FOOD AND KINDRED PRODUCTS . . . . .	3.1	45.2	5	1.2	.3	.9	(2)	-	.2	(2)	2	9.0	1.1
23	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
24	LUMBER AND WOOD PRODUCTS . . . . .	4.7	72.8	5	.4	.1	.2	(2)	(2)	.1	.1	2	.5	.4
25	FURNITURE AND FIXTURES . . . . .	15.2	259.4	41	46.8	24.0	24.6	1.2	14.2	3.6	3.2	36	166.3	38.6
26	PAPER AND ALLIED PRODUCTS . . . . .	27.7	877.8	89	154.2	28.2	27.7	2.4	15.1	98.8	10.2	64	299.5	129.9
27	CHEMICALS AND ALLIED PRODUCTS . . . . .	4.3	180.4	17	57.4	2.3	1.1	.2	.1	51.8	4.2	14	226.8	54.4
28	PETROLEUM AND COAL PRODUCTS . . . . .	59.6	933.5	50	42.2	11.2	6.8	1.6	11.5	17.4	4.9	29	80.4	41.5
29	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	2.4	14.3	3	2.6	1.4	2.4	(2)	-	.1	.1	3	2.6	2.5
30	LEATHER AND LEATHER PRODUCTS . . . . .	24.7	420.7	45	20.9	1.3	3.9	.4	11.3	2.9	2.4	34	49.9	18.5
31	STONE, CLAY, AND GLASS PRODUCTS . . . . .	125.1	2 108.0	113	802.9	69.3	138.8	.8	243.3	395.0	25.0	80	1 522.7	774.1
32	PRIMARY METAL INDUSTRIES . . . . .	57.6	877.6	81	10.6	1.2	6.5	.4	.1	1.8	2.0	39	38.1	10.3
33	FABRICATED METAL PRODUCTS . . . . .	67.8	1 158.3	46	9.0	3.3	4.1	.5	(2)	2.8	1.7	23	16.7	8.6
34	MACHINERY, EXCEPT ELECTRICAL . . . . .	76.6	1 287.0	48	17.7	2.6	10.3	1.2	4.0	6.0	3.7	36	27.3	17.3
35	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	133.6	2 064.4	57	19.2	4.3	7.5	2.0	(2)	.1	.1	44	54.3	14.3
36	TRANSPORTATION EQUIPMENT . . . . .	4.9	59.8	5	.3	(2)	(2)	(2)	-	.1	.1	3	.3	.3
37	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	392.0	6 327.8	347	1 106.2	41.6	368.2	7.8	273.2	426.6	30.4	228	1 621.6	1 072.8
20	INDIANA . . . . .	17.9	430.8	56	20.6	4.0	7.1	.4	10.3	3.8	2.4	31	39.7	17.3
21	FOOD AND KINDRED PRODUCTS . . . . .	1.0	13.7	5	.6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
22	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
23	FURNITURE AND FIXTURES . . . . .	3.4	54.9	13	7.5	1.9	4.4	(2)	2.1	.6	.4	11	14.9	6.9
24	PAPER AND ALLIED PRODUCTS . . . . .	18.2	619.8	23	38.1	8.1	2.2	.7	1.1	31.5	2.6	20	120.3	36.2
25	CHEMICALS AND ALLIED PRODUCTS . . . . .	6.2	197.9	9	84.7	2.6	13.1	.3	.2	69.0	2.2	7	219.3	73.9
26	PETROLEUM AND COAL PRODUCTS . . . . .	12.7	155.0	17	5.5	.4	1.2	.8	-	3.0	.4	12	7.1	5.2
27	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	11.3	189.2	24										



TABLE 2. Water Intake by Purpose, Gross Water Used, and Water Discharged: 1968—Continued

## C. STATES AND MAJOR INDUSTRY GROUPS—Continued

(All water data in billions of gallons)

Code	State and major industry group	Establishments reporting consumption of water			Water intake							Establishments recirculating water	Gross water used, including recirculation or reuse	Total water discharged
		All employees	Value added by manufacture	Establishments	Total	Treated prior to use (included in total)	By purpose of intake							
							Process	Air conditioning	Steam electric power generation	Other cooling and condensing	Boiler feed, sanitary service, and other uses			
		(1,000)	(million dollars)	(number)							(number)			
29	ILLINOIS													
29	PETROLEUM AND COAL PRODUCTS	8.4	326.1	21	142.0	10.7	3.6	.3	72.4	60.3	5.3	16	504.4	65.1
30	RUBBER AND PLASTICS PRODUCTS, NEC.	10.3	174.6	20	4.0	.9	2.1	.2	—	1.1	.7	14	10.7	3.9
31	LEATHER AND LEATHER PRODUCTS	3.1	57.7	7	1.0	(2)	.9	(2)	(2)	(2)	(2)	2	1.2	.9
32	STONE, CLAY, AND GLASS PRODUCTS	18.0	280.8	32	31.6	1.3	3.0	.3	23.6	2.4	2.4	24	40.8	30.2
33	PRIMARY METAL INDUSTRIES	69.3	1 126.7	65	366.6	182.5	92.7	8.0	99.9	158.6	7.4	53	531.3	354.5
34	FABRICATED METAL PRODUCTS	44.1	676.8	70	7.0	.9	4.4	.2	.2	1.1	1.2	38	21.8	6.7
35	MACHINERY, EXCEPT ELECTRICAL	115.8	1 906.5	72	22.9	3.6	6.3	2.4	8.0	3.1	3.1	49	48.3	21.9
36	ELECTRICAL EQUIP. AND SUPPLIES	108.7	1 355.3	49	8.9	1.1	3.5	.8	.6	1.4	2.5	33	42.5	8.0
37	TRANSPORTATION EQUIPMENT	27.3	624.4	14	3.5	1.3	2.1	.8	—	.3	.4	10	16.5	3.1
38	INSTRUMENTS AND RELATED PRODUCTS	23.0	342.7	13	3.3	1.6	2.6	.3	(2)	.1	.4	9	4.4	3.3
39	MISC. MANUFACTURING INDUSTRIES	4.6	54.4	8	.7	(2)	.6	(2)	—	(2)	.1	4	.9	.7
20	MICHIGAN	531.4	9 990.5	475	891.7	90.8	339.8	14.0	166.6	277.7	93.6	312	1 533.0	738.9
20	FOOD AND KINDRED PRODUCTS	19.8	468.0	68	16.3	.8	6.0	.9	2.2	5.1	2.1	42	23.5	14.5
22	TEXTILE MILL PRODUCTS	1.5	22.5	3	.1	(2)	(2)	(2)	—	(2)	(2)	2	.1	.1
24	LUMBER AND WOOD PRODUCTS	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
25	FURNITURE AND FIXTURES	6.3	112.5	5	.6	(2)	.4	(2)	—	.1	(2)	3	.7	.6
26	PAPER AND ALLIED PRODUCTS	14.9	195.6	35	74.7	42.3	40.9	.8	22.2	4.1	6.7	28	147.9	69.7
28	CHEMICALS AND ALLIED PRODUCTS	28.4	824.1	48	198.1	24.9	84.3	6.6	7.4	93.3	6.5	31	251.8	148.4
29	PETROLEUM AND COAL PRODUCTS	1.8	93.0	8	37.1	1.7	1.1	(2)	.5	34.6	.9	5	108.8	35.5
30	RUBBER AND PLASTICS PRODUCTS, NEC.	6.9	122.9	8	7.9	.4	.5	1.1	3.3	2.5	.6	5	10.1	7.8
31	LEATHER AND LEATHER PRODUCTS	.8	11.9	3	.8	.1	.7	(2)	—	(2)	.1	3	1.1	.8
32	STONE, CLAY, AND GLASS PRODUCTS	7.7	183.6	21	19.2	1.8	4.5	.1	9.6	4.3	.6	12	22.7	18.3
33	PRIMARY METAL INDUSTRIES	64.5	1 033.7	69	419.4	8.7	169.1	1.9	118.4	114.8	15.1	44	626.4	334.9
34	FABRICATED METAL PRODUCTS	52.6	871.8	65	7.6	.7	5.4	.2	(2)	1.0	1.1	37	31.4	7.3
35	MACHINERY, EXCEPT ELECTRICAL	41.6	739.4	34	7.0	.7	1.8	.6	.6	2.8	1.3	25	11.0	6.7
36	ELECTRICAL EQUIP. AND SUPPLIES	23.3	266.6	15	4.0	.1	1.5	.1	(2)	1.2	1.1	8	4.5	3.7
37	TRANSPORTATION EQUIPMENT	252.6	4 924.2	83	95.9	8.4	23.1	1.7	.3	13.7	57.1	63	289.2	89.2
38	INSTRUMENTS AND RELATED PRODUCTS	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES	2.6	32.7	3	.1	(2)	.1	(2)	—	(2)	(2)	2	.1	.1
20	WISCONSIN	229.5	3 550.7	375	293.3	118.1	150.1	5.5	68.8	44.1	24.9	225	523.0	272.9
20	FOOD AND KINDRED PRODUCTS	26.4	473.5	130	35.8	4.3	11.9	1.6	6.5	12.6	3.2	77	53.2	33.6
22	TEXTILE MILL PRODUCTS	2.5	37.4	6	.3	.1	.1	(2)	—	.1	.1	1	.6	.4
24	LUMBER AND WOOD PRODUCTS	1.9	14.1	3	.4	.4	.3	—	—	(2)	.1	1	.6	.4
25	FURNITURE AND FIXTURES	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS	24.9	414.1	48	187.8	98.6	113.3	1.3	52.5	12.3	8.4	44	347.9	174.6
28	CHEMICALS AND ALLIED PRODUCTS	5.1	182.4	10	17.4	9.0	7.2	.2	(2)	8.0	1.9	5	20.6	14.8
29	PETROLEUM AND COAL PRODUCTS	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC.	3.7	55.8	11	4.6	.1	3.0	.1	—	1.3	.2	4	6.8	4.5
31	LEATHER AND LEATHER PRODUCTS	3.3	39.5	10	2.6	(2)	2.4	.1	.1	(2)	(2)	3	3.2	2.6
32	STONE, CLAY, AND GLASS PRODUCTS	.8	15.3	5	4.4	(2)	.2	—	2.7	1.2	.3	2	6.9	4.3
33	PRIMARY METAL INDUSTRIES	19.8	272.1	32	10.0	3.4	2.1	.6	2.0	3.5	1.8	15	13.8	9.3
34	FABRICATED METAL PRODUCTS	19.7	264.3	35	3.4	.4	2.0	.1	.1	.6	.6	20	6.2	3.3
35	MACHINERY, EXCEPT ELECTRICAL	55.6	853.2	42	15.8	1.4	3.8	.6	5.0	2.2	4.2	26	23.5	15.3
36	ELECTRICAL EQUIP. AND SUPPLIES	33.1	478.7	23	4.5	.2	1.2	.3	—	.7	2.3	15	8.5	4.1
37	TRANSPORTATION EQUIPMENT	22.8	286.4	10	3.5	.1	1.4	.1	—	.9	1.2	8	22.6	3.3
38	INSTRUMENTS AND RELATED PRODUCTS	3.3	41.9	4	.2	(2)	.1	(2)	—	(2)	.1	2	.3	.2
39	MISC. MANUFACTURING INDUSTRIES	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	WEST NORTH CENTRAL DIVISION	481.6	8 233.1	686	413.8	106.1	142.2	9.4	60.6	150.1	51.5	433	1 200.9	369.1
20	MINNESOTA	107.9	2 035.7	191	120.8	27.4	63.9	1.2	11.3	32.8	11.7	111	231.2	110.7
20	FOOD AND KINDRED PRODUCTS	27.0	441.9	108	31.1	8.7	15.4	.6	1.9	10.0	3.2	56	49.9	30.0
22	TEXTILE MILL PRODUCTS	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
24	LUMBER AND WOOD PRODUCTS	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
25	FURNITURE AND FIXTURES	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS	9.7	176.3	13	58.0	11.5	40.5	.1	8.9	3.3	5.2	11	109.0	51.3
28	CHEMICALS AND ALLIED PRODUCTS	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
29	PETROLEUM AND COAL PRODUCTS	1.2	35.6	5	3.2	1.8	.5	(2)	.2	1.8	.7	4	32.9	2.4
30	RUBBER AND PLASTICS PRODUCTS, NEC.	.6	10.4	4	.2	(2)	—	—	—	.2	(2)	3	.2	.2
31	LEATHER AND LEATHER PRODUCTS	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	PRIMARY METAL INDUSTRIES	3.7	34.9	9	15.6	.8	1.1	(2)	(2)	13.9	.6	7	19.1	15.3
34	FABRICATED METAL PRODUCTS	2.1	30.2	8	.8	(2)	.7	—	—	.1	.1	4	1.0	.8
35	MACHINERY, EXCEPT ELECTRICAL	24.5	501.7	14	.8	.3	.3	.1	(2)	.1	.3	8	2.2	.8
36	ELECTRICAL EQUIP. AND SUPPLIES	7.4	163.9	5	.9	.3	.2	(2)	—	.4	.3	2	1.1	.9
37	TRANSPORTATION EQUIPMENT	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
38	INSTRUMENTS AND RELATED PRODUCTS	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	IOWA	100.6	1 779.3	137	111.7	25.7	22.5	4.2	31.5	46.4	7.1	86	182.1	107.4
20	FOOD AND KINDRED PRODUCTS	29.5	504.8	73	50.5	12.6	13.3	2.0	4.6	26.8	3.7	46	71.2	48.3
25	FURNITURE AND FIXTURES	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS	.4	7.9	3	1.3	1.0	.3	—	.4	—	.7	3	4.2	.9
28	CHEMICALS AND ALLIED PRODUCTS	1.3	126.9	10	12.5	1.5	.7	.2	—	11.0	.6	8	39.6	11.8
30	RUBBER AND PLASTICS PRODUCTS, NEC.	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS	1.3	41.1	8	8.6	.1	1.9	(2)	5.5	.8	.4	2	8.7	8.5
33	PRIMARY METAL INDUSTRIES	5.4	82.8	7	17.4	6.4	2.9	.6	9.5	4.3	.1	3	25.7	17.4
34	FABRICATED METAL PRODUCTS	3.3	47.1	4	.5	(2)	.1	.2	—	(2)	.1	3	.6	.5
35	MACHINERY, EXCEPT ELECTRICAL	25.3	452.6	12	15.9	1.3	1.7	.6	11.6	1.4	.5	9	18.6	15.2
36	ELECTRICAL EQUIP. AND SUPPLIES	20.6	310.6	10	1.6	.3	.5	.3	—	.3	.5	7	3.5	1.5
37	TRANSPORTATION EQUIPMENT	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
38	INSTRUMENTS AND RELATED PRODUCTS	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	MISSOURI	163.9	2 553.4	185	97.1	20.8	38.2	2.5	5.9	32.3	18.3	117	339.6	88.7
20	FOOD AND KINDRED PRODUCTS	22.6	427.3	68	18.1	3.7	6.1	.4	.1	5.5	6.1	35	34.6	16.0
21	TOBACCO MANUFACTURES	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
22	TEXTILE MILL PRODUCTS	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS	3.0	52.0	8	1.2	.2	.5	(2)	.5	.1	.1	4	6.5	1.0
28	CHEMICALS AND ALLIED PRODUCTS	10.9	236.8	23	27.1	7.5	6.5	.4	1.6	14.4	4.1	17	105.4	25.7
29	PETROLEUM AND COAL PRODUCTS	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC.	(D)	(D)	(D)	(D)	(D)	(D							

See footnotes at end of table.



TABLE 2. Water Intake by Purpose, Gross Water Used, and Water Discharged: 1968—Continued

## C. STATES AND MAJOR INDUSTRY GROUPS—Continued

(All water data in billions of gallons)

Code	State and major industry group	Establishments reporting consumption of water			Water intake						Establishments recirculating water (number)	Gross water used, including recirculation or reuse	Total water discharged	
		All employees (1,000)	Value added by manufacture (million dollars)	Establishments (number)	Total	Treated prior to use (included in total)	By purpose of intake							
							Process	Air conditioning	Steam electric power generation	Other cooling and condensing				Boiler feed, sanitary service, and other uses
36	MISSOURI													
37	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	13.0	170.2	11	1.9	.4	1.1	.2	(2)	.2	.5	9	25.7	1.8
38	TRANSPORTATION EQUIPMENT . . . . .	60.4	925.4	10	3.9	.5	1.8	.3	—	.6	1.2	10	65.4	3.6
39	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	NORTH DAKOTA . . . . .	.9	35.6	7	2.1	1.9	1.0	—	(2)	.6	.4	6	17.5	1.4
29	FOOD AND KINDRED PRODUCTS . . . . .	.6	9.2	4	1.2	1.1	.9	—	—	.3	.1	3	2.4	1.0
32	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	SOUTH DAKOTA . . . . .	4.8	48.7	12	2.9	1.2	1.3	—	—	1.1	.5	10	9.1	2.8
20	FOOD AND KINDRED PRODUCTS . . . . .	4.8	48.7	12	2.9	1.2	1.3	—	—	1.1	.5	10	9.1	2.8
20	NEBRASKA . . . . .	31.9	524.7	68	24.6	12.9	6.8	.2	2.4	11.3	3.9	42	72.7	21.3
28	FOOD AND KINDRED PRODUCTS . . . . .	13.7	206.9	41	11.6	5.0	4.8	.1	2.4	2.1	2.3	25	22.9	9.5
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	1.2	50.7	7	9.1	6.6	(2)	(2)	(2)	8.0	1.1	6	38.6	8.3
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	.4	10.3	4	.8	—	.2	—	—	.6	(2)	2	1.0	.5
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	KANSAS . . . . .	71.6	1 255.8	86	54.5	16.1	8.4	1.4	9.4	25.6	9.6	61	348.6	36.8
26	FOOD AND KINDRED PRODUCTS . . . . .	5.5	73.9	31	4.2	1.2	1.4	.8	.1	1.3	.6	17	7.0	3.7
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	8.5	243.2	18	33.7	6.9	2.8	.1	8.2	18.1	4.6	15	147.1	22.1
29	PETROLEUM AND COAL PRODUCTS . . . . .	3.2	169.7	12	7.4	4.8	1.1	.1	(2)	3.3	3.0	12	156.8	3.5
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	2.7	47.0	9	3.2	2.2	1.7	.1	.2	1.1	.1	6	4.2	2.0
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	42.4	551.5	5	1.7	.5	.5	.4	—	.2	.7	4	20.4	1.5
20	SOUTH ATLANTIC DIVISION . . . . .	927.8	14 348.3	1 286	2 424.4	835.7	618.3	58.4	472.0	1 128.1	147.6	796	5 040.1	2 281.0
20	DELAWARE . . . . .	30.2	702.5	53	183.1	33.9	11.6	2.8	56.7	107.6	4.4	35	259.1	179.0
22	FOOD AND KINDRED PRODUCTS . . . . .	5.8	115.3	18	2.2	.4	1.8	(2)	.2	.1	.2	10	3.4	1.9
24	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	.2	3.3	4	2.9	2.8	—	—	—	—	(2)	2	2.9	2.7
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	8.4	222.3	15	48.6	27.2	3.8	2.7	11.1	29.6	1.4	11	80.4	46.4
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	2.5	28.6	3	1.4	.1	(2)	(2)	—	.3	1.1	3	1.9	1.4
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	MARYLAND . . . . .	129.3	2 058.2	135	436.0	356.2	70.5	1.9	112.5	233.0	18.2	79	581.0	404.9
20	FOOD AND KINDRED PRODUCTS . . . . .	12.6	257.2	49	14.7	2.1	4.9	.1	.4	8.1	1.2	24	22.0	13.6
22	TEXTILE MILL PRODUCTS . . . . .	.8	7.7	3	.3	.3	.2	—	(2)	(2)	.1	—	.3	.3
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	10.4	280.3	23	46.5	6.7	3.3	.1	.1	40.7	2.4	13	60.0	45.8
29	PETROLEUM AND COAL PRODUCTS . . . . .	.2	3.5	3	.3	.1	.1	—	—	.1	.1	2	1.1	.2
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	4.0	64.1	5	1.9	.2	.6	(2)	.5	.7	.3	4	7.4	1.8
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	4.1	75.8	11	5.7	.9	1.5	(2)	1.5	2.3	.3	8	7.0	4.3
33	PRIMARY METAL INDUSTRIES . . . . .	32.8	480.9	8	303.4	298.3	43.4	1.1	86.7	166.5	5.6	8	372.6	299.8
34	FABRICATED METAL PRODUCTS . . . . .	3.9	69.1	7	1.2	(2)	1.0	(2)	—	.1	.2	2	1.4	1.2
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	23.3	264.5	10	8.2	.1	1.6	.2	.3	.2	5.8	6	11.0	7.9
37	TRANSPORTATION EQUIPMENT . . . . .	26.8	416.2	8	5.7	.3	1.4	.1	—	2.5	1.7	7	22.6	5.6
20	DISTRICT OF COLUMBIA . . . . .	1.0	13.5	4	.1	(2)	(2)	(2)	—	(2)	.1	3	.2	.1
20	FOOD AND KINDRED PRODUCTS . . . . .	.9	12.4	3	.1	(2)	(2)	(2)	—	(2)	.1	2	.2	.1
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	VIRGINIA . . . . .	142.0	2 060.6	156	349.6	77.5	84.6	13.5	69.6	160.4	21.4	104	741.4	326.2
20	FOOD AND KINDRED PRODUCTS . . . . .	9.8	134.0	39	2.8	.3	1.3	(2)	(2)	.6	.8	25	5.4	2.5
21	TOBACCO MANUFACTURES . . . . .	4.7	173.6	5	2.5	.6	.6	.1	—	1.7	.2	5	7.0	2.3
22	TEXTILE MILL PRODUCTS . . . . .	25.4	222.5	25	12.8	11.2	10.2	.9	.4	.6	.8	14	21.0	12.3
24	LUMBER AND WOOD PRODUCTS . . . . .	.7	8.2	4	.2	(2)	.1	—	(2)	(2)	.1	2	.2	.1
25	FURNITURE AND FIXTURES . . . . .	5.3	47.2	4	.2	(2)	.1	(2)	—	(2)	.1	3	.3	.2
26	PAPER AND ALLIED PRODUCTS . . . . .	7.2	166.7	11	72.4	32.4	40.9	.4	11.2	13.0	7.0	10	248.1	68.0
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	34.0	593.9	21	218.4	32.0	29.6	11.9	54.6	115.2	7.1	14	388.4	202.6
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	2.3	29.5	4	1.9	.2	(2)	(2)	—	1.6	.2	4	3.9	1.9
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	2.2	46.8	10	4.5	.3	.7	—	3.1	.6	.1	6	5.0	4.0
33	PRIMARY METAL INDUSTRIES . . . . .	4.8	74.5	8	2.2	(2)	.1	(2)	—	2.0	.1	6	11.2	2.1
34	FABRICATED METAL PRODUCTS . . . . .	2.5	44.1	5	.6	.2	(2)	(2)	—	.5	.1	2	.7	.6
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	WEST VIRGINIA . . . . .	66.6	1 582.0	77	634.5	31.1	49.8	11.7	114.0	430.9	28.1	54	824.1	610.4
20	FOOD AND KINDRED PRODUCTS . . . . .	.9	8.4	6	.3	(2)	.1	.1	—	(2)	.1	2	.3	.2
22	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 2. Water Intake by Purpose, Gross Water Used, and Water Discharged: 1968—Continued

## C. STATES AND MAJOR INDUSTRY GROUPS—Continued

(All water data in billions of gallons)

Code	State and major industry group	Establishments reporting consumption of water			Water intake							Establishments recirculating water (number)	Gross water used, including recirculation or reuse	Total water discharged
		All employees (1,000)	Value added by manufacture (million dollars)	Establishments (number)	Total	Treated prior to use (included in total)	By purpose of intake							
							Process	Air conditioning	Steam electric power generation	Other cooling and condensing	Boiler feed, sanitary service, and other uses			
26	WEST VIRGINIA													
28	PAPER AND ALLIED PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
29	CHEMICALS AND ALLIED PRODUCTS. . . . .	21.1	798.3	26	464.1	20.1	13.7	5.9	40.1	391.7	12.8	22	584.8	442.6
30	PETROLEUM AND COAL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	LEATHER AND LEATHER PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	STONE, CLAY, AND GLASS PRODUCTS. . . . .	11.1	153.0	12	3.3	.4	1.4	.4	—	1.0	.5	8	10.7	2.5
34	PRIMARY METAL INDUSTRIES. . . . .	21.2	469.3	12	162.0	10.0	33.0	5.4	74.0	35.6	14.0	11	221.4	160.3
35	FABRICATED METAL PRODUCTS. . . . .	2.9	49.4	7	.7	(Z)	.3	(Z)	—	.2	.2	2	.7	.7
36	MACHINERY, EXCEPT ELECTRICAL. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	3.0	58.7	3	.7	(Z)	.4	(Z)	—	.2	.2	1	.8	.7
38	TRANSPORTATION EQUIPMENT. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	NORTH CAROLINA. . . . .	205.9	2 894.1	302	157.1	91.0	80.8	4.4	30.5	26.4	15.1	182	487.1	141.9
21	FOOD AND KINDRED PRODUCTS. . . . .	9.1	100.7	38	4.8	.6	3.2	.1	(Z)	1.0	.5	21	6.5	4.4
22	TOBACCO MANUFACTURES. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
24	TEXTILE MILL PRODUCTS. . . . .	116.5	962.0	172	32.5	22.5	24.8	1.9	.5	1.7	3.7	94	92.8	28.7
25	LUMBER AND WOOD PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	FURNITURE AND FIXTURES. . . . .	8.6	80.0	10	.6	.1	.1	(Z)	(Z)	(Z)	.4	6	.9	.5
28	PAPER AND ALLIED PRODUCTS. . . . .	8.8	159.6	7	87.4	59.1	44.9	1.0	29.7	7.9	4.0	7	214.8	81.5
29	CHEMICALS AND ALLIED PRODUCTS. . . . .	12.0	242.8	17	18.3	6.3	3.4	.6	.1	9.5	4.6	14	70.6	16.2
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31	LEATHER AND LEATHER PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	3.1	41.7	11	2.2	1.2	1.4	(Z)	(Z)	.5	.2	3	12.7	.9
33	PRIMARY METAL INDUSTRIES. . . . .	2.2	48.3	7	1.4	.2	.2	(Z)	—	1.1	.1	6	4.5	1.3
34	FABRICATED METAL PRODUCTS. . . . .	1.5	24.4	4	.4	(Z)	.1	(Z)	—	.2	.1	3	.9	.3
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	4.5	81.1	4	.2	.1	(Z)	(Z)	—	.1	.1	3	.3	.2
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	18.7	272.9	17	2.5	.4	1.2	.3	—	.4	.5	14	6.1	1.4
38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	SOUTH CAROLINA. . . . .	134.0	1 663.8	188	145.0	60.9	75.4	12.0	19.9	25.1	12.6	120	476.7	133.1
21	FOOD AND KINDRED PRODUCTS. . . . .	2.7	20.2	11	1.4	.9	1.2	(Z)	(Z)	.2	.1	5	2.1	1.3
22	TEXTILE MILL PRODUCTS. . . . .	84.2	760.1	108	35.5	23.2	24.0	2.5	.9	2.2	5.9	65	62.1	30.4
24	LUMBER AND WOOD PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
25	FURNITURE AND FIXTURES. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS. . . . .	6.3	155.7	9	67.4	27.7	34.8	1.0	12.3	16.3	3.0	8	189.9	63.6
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	16.7	416.0	14	31.7	8.5	12.4	6.9	6.6	3.1	2.7	10	175.6	30.2
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	5.3	74.7	10	1.9	(Z)	1.1	(Z)	—	.6	.2	7	22.1	1.3
33	PRIMARY METAL INDUSTRIES. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34	FABRICATED METAL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	4.6	53.8	7	.8	(Z)	.6	(Z)	—	(Z)	.2	5	12.8	.8
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	6.2	72.0	12	2.0	.2	.9	.7	—	.1	.2	7	3.5	1.4
38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	2.3	29.7	4	.4	(Z)	.2	.1	—	.1	(Z)	4	1.2	.3
39	MISC. MANUFACTURING INDUSTRIES. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	GEORGIA. . . . .	146.0	2 112.8	229	231.2	78.4	138.9	4.7	27.1	48.0	12.4	134	721.9	220.2
21	FOOD AND KINDRED PRODUCTS. . . . .	14.8	215.0	54	8.6	.6	3.4	.1	1.0	3.1	1.0	26	13.1	7.9
22	TOBACCO MANUFACTURES. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
24	TEXTILE MILL PRODUCTS. . . . .	64.3	620.8	96	25.7	12.8	17.8	1.4	1.3	.6	4.6	54	48.8	23.1
25	LUMBER AND WOOD PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS. . . . .	11.9	280.9	16	155.1	60.4	107.7	2.2	23.9	17.1	4.2	13	526.1	150.8
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	4.4	168.0	21	33.1	3.1	5.4	.6	.7	25.2	1.2	14	66.5	30.6
29	PETROLEUM AND COAL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31	LEATHER AND LEATHER PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	3.7	52.9	11	2.0	(Z)	1.2	(Z)	.2	.4	.2	7	9.7	1.7
33	PRIMARY METAL INDUSTRIES. . . . .	3.5	47.2	6	.9	.3	.8	(Z)	—	(Z)	(Z)	4	28.2	.7
34	FABRICATED METAL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT. . . . .	33.2	597.7	7	3.2	.9	1.7	.4	—	.4	.7	6	23.4	3.1
38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	FLORIDA. . . . .	72.7	1 260.9	142	287.7	106.7	106.6	7.4	41.7	96.6	35.3	85	948.7	264.9
21	FOOD AND KINDRED PRODUCTS. . . . .	17.4	304.6	67	46.9	2.0	9.9	1.4	.4	32.4	2.8	32	81.3	46.0
22	TOBACCO MANUFACTURES. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
24	TEXTILE MILL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
25	LUMBER AND WOOD PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS. . . . .	8.2	183.9	11	142.5	90.1	79.5	.5	34.6	21.6	6.4	10	423.0	140.7
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	13.2	293.4	31	87.3	13.1	14.6	5.1	1.7	40.9	25.1	26	400.8	69.8
29	PETROLEUM AND COAL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	2.9	61.7	11	7.5	.1	1.9	(Z)	5.0	.5	.1	6	11.4	5.8
33	PRIMARY METAL INDUSTRIES. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34	FABRICATED METAL PRODUCTS. . . . .	1.6	32.7	5	.5	.1	(Z)	(Z)	—	.4	.1	2	.6	.5
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	10.1	133.4	8	1.0	.4	.2	.2	—	.4	.2	5	7.4	.9
37	TRANSPORTATION EQUIPMENT. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	EAST SOUTH CENTRAL DIVISION. . . . .	394.0	6 939.6	629	1 072.5	371.0	311.9	34.9	90.8	571.8	63.1	424	2 626.9	1 010.8
21	KENTUCKY. . . . .	94.9	2 211.8	140	136.0	25.0	33.7	1.4	2.2	87.3	11.4	94	435.7	122.1
22	FOOD AND KINDRED PRODUCTS. . . . .	10.2	295.2	42	10.2	2.4	2.6	.3	(Z)	5.3	2.0	33	20.7	8.2
24	TOBACCO MANUFACTURES. . . . .	6.8	286.7	5	.7	.2	.1	.2	—	.1	.3	4	4.4	.5
25	TEXTILE MILL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	LUMBER AND WOOD PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	PAPER AND ALLIED PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
29	CHEMICALS AND ALLIED PRODUCTS. . . . .	9.7	296.9	22	70.8	10.9	6.9	.4	.1	59.3	4.1	13	245.2	65.2
30	PETROLEUM AND COAL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	2.1	48.5	5	1.4	1.2	.1	(Z)	—	1.1	.1	3	2.7	1.4
32	LEATHER AND LEATHER PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	STONE, CLAY, AND GLASS PRODUCTS. . . . .	2.1	34.4	6	3.9	3.2	.6	(Z)	2.0	.2	1.0	6	8.1	3.8
34	PRIMARY METAL INDUSTRIES. . . . .	6.8	159.2	11	30.4	5.0	19.1	.1	.1	10.0	1.1	6	72.8	24.9
35	FABRICATED METAL PRODUCTS. . . . .	7.6	109.5	13	1.9	(Z)	.9	.2	(Z)	.6	.2	5	8.1	1.8
36	MACHINERY, EXCEPT ELECTRICAL. . . . .	13.8	348.1	6	1.3	.2	.2	.1	(Z)	.3	.6	5	4.3	1.3
37	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	22.4	407.0	15	3.1	.5	2.0	.2	—	.4	.6	11	10.6	2.8
38	TRANSPORTATION EQUIPMENT. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.



TABLE 2. Water Intake by Purpose, Gross Water Used, and Water Discharged: 1968—Continued

## C. STATES AND MAJOR INDUSTRY GROUPS—Continued

(All water data in billions of gallons)

Code	State and major industry group	Establishments reporting consumption of water			Water intake						Establishments recirculating water (number)	Gross water used, including recirculation or reuse (D)	Total water discharged (D)	
		All employees (1,000)	Value added by manufacture (million dollars)	Establishments (number)	Total (D)	Treated prior to use (included in total) (D)	By purpose of intake							
							Process (D)	Air conditioning (D)	Steam electric power generation (D)	Other cooling and condensing (D)	Boiler feed, sanitary service, and other uses (D)			
39	KENTUCKY MISC. MANUFACTURING INDUSTRIES . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	TENNESSEE. . . . .	141.0	2 217.2	210	464.5	100.9	97.5	17.7	27.1	290.5	31.6	142	843.9	445.2
20	FOOD AND KINDRED PRODUCTS. . . . .	9.2	159.3	45	12.8	3.3	4.3	(2)	.1	7.3	1.0	28	19.7	11.9
22	TEXTILE MILL PRODUCTS. . . . .	18.3	147.2	29	4.6	2.8	3.1	.3	(2)	.3	.8	15	9.5	3.7
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS. . . . .	5.0	109.6	11	48.0	26.3	26.0	.5	13.2	5.8	2.4	9	160.1	43.9
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	44.2	1 011.8	44	365.0	56.8	48.2	15.4	13.7	264.9	22.7	34	569.7	353.9
29	PETROLEUM AND COAL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	4.7	54.8	6	2.2	1.9	(2)	(2)	(D)	(D)	(D)	(D)	(D)	(D)
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	6.7	114.1	17	9.0	6.6	3.5	.5	-	4.6	.5	8	14.9	8.2
33	PRIMARY METAL INDUSTRIES . . . . .	10.1	152.3	12	14.8	2.3	8.9	.3	-	4.4	1.1	10	33.4	14.4
34	FABRICATED METAL PRODUCTS. . . . .	7.9	69.8	8	1.0	(2)	(2)	(2)	.1	.1	.4	5	2.0	.8
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	6.3	71.1	8	2.6	.1	1.0	.3	-	.2	1.1	6	4.2	1.8
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	11.5	152.7	12	.8	.2	.3	.1	-	.2	.2	9	2.2	.7
37	TRANSPORTATION EQUIPMENT . . . . .	8.5	102.1	6	1.9	.1	.6	.1	(2)	.6	.6	4	2.8	1.9
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	ALABAMA. . . . .	114.1	1 918.7	184	381.4	201.9	136.5	14.9	54.1	162.6	13.4	134	971.3	360.3
20	FOOD AND KINDRED PRODUCTS. . . . .	3.2	37.7	22	2.1	.2	.7	(2)	(2)	.9	.5	12	2.6	2.0
21	TOBACCO MANUFACTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
22	TEXTILE MILL PRODUCTS. . . . .	24.4	213.9	40	6.5	4.3	4.0	1.4	(2)	.2	.9	34	33.1	4.9
24	LUMBER AND WOOD PRODUCTS . . . . .	1.0	7.4	4	.1	.1	(2)	-	-	(2)	.1	1	.2	.1
26	PAPER AND ALLIED PRODUCTS. . . . .	10.3	245.5	15	163.0	117.8	99.8	2.4	36.9	19.7	4.2	15	414.8	158.8
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	8.1	344.6	22	104.5	36.5	12.0	10.0	4.0	74.9	3.7	19	166.4	99.6
29	PETROLEUM AND COAL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	6.4	172.5	6	7.7	.3	.4	.1	-	6.6	.6	4	9.2	7.6
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	2.9	51.2	24	3.5	.1	1.4	(2)	.1	1.7	1.7	18	5.6	2.6
33	PRIMARY METAL INDUSTRIES . . . . .	35.0	544.5	25	90.7	42.1	16.7	.9	13.0	57.4	2.7	20	335.5	81.6
34	FABRICATED METAL PRODUCTS. . . . .	3.8	79.6	6	.7	-	.3	(2)	-	.3	.1	2	.9	.7
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	2.3	26.9	5	.4	.3	.3	(2)	-	.1	.1	2	.7	.4
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	4.8	71.7	6	.6	.1	.1	.1	-	.3	.1	4	.7	.6
37	TRANSPORTATION EQUIPMENT . . . . .	8.5	91.9	5	1.1	.1	.6	(2)	-	.4	.1	2	1.3	1.1
	MISSISSIPPI. . . . .	44.0	591.9	95	90.7	43.2	44.2	.9	7.4	31.5	6.7	54	376.0	83.2
20	FOOD AND KINDRED PRODUCTS. . . . .	4.9	44.2	26	3.9	.5	2.1	(2)	(2)	1.2	.5	10	4.8	3.7
22	TEXTILE MILL PRODUCTS. . . . .	3.4	30.8	5	.9	.1	.3	.3	-	(2)	.3	3	8.1	.8
24	LUMBER AND WOOD PRODUCTS . . . . .	4.7	54.9	11	4.8	1.6	2.7	(2)	.2	.3	1.5	7	9.2	3.8
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	2.5	98.3	11	24.4	3.0	1.6	.2	.1	20.9	1.5	8	86.3	22.0
29	PETROLEUM AND COAL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	.6	9.5	5	2.8	2.0	2.4	(2)	-	.3	(2)	4	3.6	2.6
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34	FABRICATED METAL PRODUCTS. . . . .	1.9	22.1	6	1.0	.8	.8	(2)	(2)	.1	.1	4	1.3	1.0
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	2.7	36.7	5	.6	.1	.5	(2)	(2)	.1	.1	4	1.0	.6
37	TRANSPORTATION EQUIPMENT . . . . .	10.8	84.8	4	.7	-	.2	.1	-	(2)	.3	1	1.6	.6
39	MISC. MANUFACTURING INDUSTRIES . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WEST SOUTH CENTRAL DIVISION. . .	394.1	9 166.2	740	2 904.9	382.6	599.2	34.5	797.4	1 338.9	134.9	525	9 948.7	2 713.3
	ARKANSAS . . . . .	38.2	533.6	107	56.4	38.7	42.7	.5	.2	6.6	6.4	63	456.8	50.8
20	FOOD AND KINDRED PRODUCTS. . . . .	10.2	85.8	49	6.7	.7	4.6	(2)	.1	.8	1.2	24	8.2	6.4
22	TEXTILE MILL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
24	LUMBER AND WOOD PRODUCTS . . . . .	3.2	25.7	9	1.3	.6	.5	(D)	.1	-	.6	6	2.2	.9
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS. . . . .	4.7	108.4	9	36.6	33.1	32.1	.4	-	1.0	3.2	8	331.7	36.0
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	2.6	60.3	8	4.6	1.2	3.0	(2)	(2)	1.2	.4	5	29.4	2.3
29	PETROLEUM AND COAL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	.8	20.7	5	.7	.1	.4	-	(2)	.1	.1	3	1.1	.5
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34	FABRICATED METAL PRODUCTS. . . . .	1.2	10.6	4	.2	(2)	.2	(2)	-	(2)	(2)	-	.2	.2
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	3.2	54.9	4	.5	.1	.4	(2)	-	(2)	.1	3	.6	.5
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LOUISIANA. . . . .	67.1	1 686.6	182	1 039.9	136.9	135.8	17.7	332.4	515.4	38.5	127	2 279.1	999.2
20	FOOD AND KINDRED PRODUCTS. . . . .	10.5	211.9	62	55.2	4.3	5.8	.7	.7	42.8	5.3	31	63.2	52.8
24	LUMBER AND WOOD PRODUCTS . . . . .	2.0	14.4	10	1.1	.2	.4	(2)	.1	.1	.5	5	1.5	.7
26	PAPER AND ALLIED PRODUCTS. . . . .	10.0	198.6	16	82.5	50.7	63.8	2.0	6.1	6.1	4.5	15	179.1	76.3
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	17.1	666.3	55	497.6	37.6	43.3	13.7	160.2	262.7	17.7	47	1 147.6	473.2
29	PETROLEUM AND COAL PRODUCTS. . . . .	8.0	256.2	18	247.2	43.5	15.2	.4	22.3	200.5	8.8	17	713.5	240.9
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	2.4	39.5	10	2.1	(2)	.8	.6	-	.6	.1	4	5.1	1.5
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34	FABRICATED METAL PRODUCTS. . . . .	3.2	42.2	5	.3	(2)	.1	(2)	-	.1	.1	3	.4	.3
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OKLAHOMA . . . . .	34.0	548.4	62	17.0	6.9	4.0	.3	.3	7.4	5.1	41	309.5	9.3
20	FOOD AND KINDRED PRODUCTS. . . . .	2.9	37.7	14	1.3	.1	.5	(2)	(2)	.5	.3	6	3.7	1.2
22	TEXTILE MILL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS. . . . .	.4	10.2	3	2.0	.7	1.8	(2)	-	(2)	.1	3	12.5	1.0
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
29	PETROLEUM AND COAL PRODUCTS. . . . .	4.5	136.3	14	10.0	5.0	.5	.2	.2	5.5	3.7	11	261.5	4.8
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	2.0	38.6	8	.6	(2)	.2	(2)	-	.3	.1	4	1.2	.3
33	PRIMARY METAL INDUSTRIES . . . . .	1.7	29.0	4	.6	.2	.4	(2)	-	.2	(2)	3	2.5	.2
34	FABRICATED METAL PRODUCTS. . . . .	2.5	47.0	4	.2	(2)	.1	-	-	(2)	.1	2	.3	.2
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)				

See footnotes at end of table.



TABLE 2. Water Intake by Purpose, Gross Water Used, and Water Discharged: 1968—Continued

## C. STATES AND MAJOR INDUSTRY GROUPS—Continued

(All water data in billions of gallons)

Code	State and major industry group	Establishments reporting consumption of water			Water intake							Establishments recirculating water (number)	Gross water used, including recirculation or reuse	Total water discharged
		All employees (1,000)	Value added by manufacture (million dollars)	Establishments (number)	Total	Treated prior to use (included in total)	By purpose of intake							
							Process	Air conditioning	Steam electric power generation	Other cooling and condensing	Boiler feed, sanitary service, and other uses			
36	OKLAHOMA													
37	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	TEXAS . . . . .	254.8	6 397.6	389	1 791.6	200.2	416.6	16.0	464.5	809.5	85.0	294	6 903.3	1 654.1
20	FOOD AND KINDRED PRODUCTS . . . . .	25.4	495.0	112	19.8	2.6	7.4	.2	.8	7.9	3.5	60	74.2	16.6
22	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
24	LUMBER AND WOOD PRODUCTS . . . . .	2.7	21.1	7	1.5	.1	.6	(Z)	.1	(Z)	.8	5	8.3	1.3
26	PAPER AND ALLIED PRODUCTS . . . . .	4.4	99.2	8	51.6	25.2	48.3	.2	1.2	.8	1.1	8	369.4	48.6
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	37.4	1 782.9	110	1 235.5	78.9	302.7	3.1	341.2	559.8	28.8	95	2 863.0	1 182.1
29	PETROLEUM AND COAL PRODUCTS . . . . .	29.7	1 684.4	43	281.6	71.1	16.1	.5	25.5	195.4	44.2	42	3 076.0	222.0
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	5.6	121.0	32	4.9	(Z)	2.3	(Z)	.9	1.2	.4	23	10.0	2.9
33	PRIMARY METAL INDUSTRIES . . . . .	19.5	408.8	20	174.2	18.7	33.8	.7	94.9	42.4	2.5	18	421.4	159.7
34	FABRICATED METAL PRODUCTS . . . . .	5.2	62.9	11	.5	(Z)	.3	(Z)	.1	.1	.1	8	21.1	.5
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	8.1	133.7	9	1.4	.3	.6	.1	—	.3	.3	3	21.1	1.3
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	64.1	1 059.5	14	15.3	.9	1.7	10.9	—	1.3	1.4	10	40.6	14.6
	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MOUNTAIN DIVISION . . . . .	125.4	2 256.5	253	231.5	60.3	103.1	1.8	31.9	72.7	22.0	172	799.8	187.9
	MONTANA . . . . .	5.7	133.5	24	52.1	9.0	17.8	.2	3.0	26.7	4.4	17	109.1	36.1
20	FOOD AND KINDRED PRODUCTS . . . . .	1.1	20.9	7	5.1	2.5	4.6	—	.5	(Z)	.1	5	9.6	4.2
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	IDAHO . . . . .	17.2	302.8	63	60.0	13.5	42.2	.1	3.8	10.3	3.7	37	162.3	53.4
20	FOOD AND KINDRED PRODUCTS . . . . .	8.3	96.5	41	17.0	1.0	11.3	(Z)	1.0	3.5	1.2	25	50.1	16.6
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	4.1	112.3	5	9.7	1.4	2.2	(Z)	—	6.8	.7	3	53.4	6.6
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WYOMING . . . . .	2.1	42.7	11	4.4	3.3	1.6	(Z)	.2	1.1	1.4	8	40.5	3.1
20	FOOD AND KINDRED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
29	PETROLEUM AND COAL PRODUCTS . . . . .	1.6	34.9	6	2.7	2.1	.3	(Z)	—	.9	1.4	6	38.3	1.5
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	COLORADO . . . . .	42.9	802.3	68	59.9	14.0	13.7	.3	22.3	16.5	7.1	50	160.5	51.9
20	FOOD AND KINDRED PRODUCTS . . . . .	8.4	169.7	36	20.6	9.5	5.8	(Z)	7.7	5.6	1.4	25	28.2	19.2
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	1.1	43.9	8	3.5	1.0	.4	—	.6	1.5	1.0	5	12.6	2.4
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NEW MEXICO . . . . .	1.5	22.3	12	2.2	.4	.7	—	(Z)	1.3	.2	7	5.3	1.0
20	FOOD AND KINDRED PRODUCTS . . . . .	.7	9.8	5	.7	.2	.3	—	(Z)	.2	.1	2	.9	.7
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	ARIZONA . . . . .	37.2	542.7	30	14.4	5.9	10.1	.8	1.0	.8	1.7	23	111.3	10.7
20	FOOD AND KINDRED PRODUCTS . . . . .	.7	7.1	4	.6	(Z)	.4	.1	(Z)	(Z)	(Z)	3	2.5	.5
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	3.7	41.2	9	7.8	1.7	5.9	(Z)	.8	.3	.7	8	69.6	5.3
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	UTAH . . . . .	16.1	339.2	34	26.1	14.0	10.7	.4	1.6	10.6	2.8	23	181.4	21.0
20	FOOD AND KINDRED PRODUCTS . . . . .	2.1	28.8	15	3.6	1.7	.9	(Z)	(Z)	2.4	.2	7	5.4	3.6
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
29	PETROLEUM AND COAL PRODUCTS . . . . .	.6	47.3	3	2.5	1.9	(Z)	—	—	1.8	.7	3	43.2	1.5
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NEVADA . . . . .	2.6	71.0	11	12.4	.2	6.2	(Z)	.1	5.4	.6	7	29.4	10.7
20	FOOD AND KINDRED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	.5	18.1	4	3.2	.1	.5	—	—	2.5	.2	3	17.7	2.7
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PACIFIC DIVISION . . . . .	721.3	12 436.5	921	1 013.0	345.2	491.3	7.2	95.8	322.9	95.8	617	3 252.7	904.5
	WASHINGTON . . . . .	147.5	2 213.9	167	368.0	160.3	225.7	3.4	16.0	95.8	27.1	108	1 105.7	333.4

See footnotes at end of table.

TABLE 2. Water Intake by Purpose, Gross Water Used, and Water Discharged: 1968—Continued

## C. STATES AND MAJOR INDUSTRY GROUPS—Continued

(All water data in billions of gallons)

Code	State and major industry group	Establishments reporting consumption of water			Water intake						Establishments recirculating water (number)	Gross water used, including recirculation or reuse	Total water discharged	
		All employees (1,000)	Value added by manufacture (million dollars)	Establishments (number)	Total	Treated prior to use (included in total)	By purpose of intake							
							Process	Air conditioning	Steam electric power generation	Other cooling and condensing				Boiler feed, sanitary service, and other uses
20	WASHINGTON													
20	FOOD AND KINDREO PRODUCTS. . . . .	11.8	195.1	68	14.2	1.0	6.3	2.5	.3	3.5	1.6	40	23.2	13.4
24	LUMBER AND WOOD PRODUCTS. . . . .	10.2	88.8	21	21.7	2.7	9.7	—	10.1	.5	1.5	14	24.2	19.7
26	PAPER AND ALLIEO PRODUCTS. . . . .	13.2	291.3	28	237.4	147.9	192.3	.1	5.6	27.8	11.6	25	793.2	210.1
28	CHEMICALS AND ALLIEO PRODUCTS. . . . .	2.2	65.6	11	41.6	1.5	7.1	—	—	32.8	1.8	9	50.0	41.2
29	PETROLEUM AND COAL PRODUCTS. . . . .	1.0	102.4	5	3.9	3.1	.3	—	—	2.2	1.4	4	71.1	2.3
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	1.3	25.0	10	2.7	.2	1.9	—	—	.8	.1	4	3.7	2.4
33	PRIMARY METAL INDUSTRIES. . . . .	10.0	257.7	16	41.0	4.0	7.1	.6	—	25.6	7.6	7	128.1	39.2
34	FABRICATEO METAL PRODUCTS. . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
37	TRANSPDRTATION EQUIPMENT. . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
20	OREGON . . . . .	44.1	645.2	129	152.5	47.2	73.9	.5	25.4	38.7	14.1	79	368.0	138.0
20	FOOD AND KINOREO PRODUCTS. . . . .	9.9	123.4	38	6.9	.3	4.2	(2)	(2)	2.1	.7	20	8.5	6.4
22	TEXTILE MILL PRODUCTS. . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
24	LUMBER AND WOOD PRODUCTS. . . . .	15.2	163.8	44	42.5	1.9	10.9	.3	25.3	3.2	2.8	29	96.7	33.7
26	PAPER AND ALLIEO PRODUCTS. . . . .	4.8	111.1	17	78.8	44.8	55.4	—	—	13.6	9.7	15	219.8	75.5
28	CHEMICALS AND ALLIEO PRODUCTS. . . . .	.5	17.8	7	12.7	(2)	.1	(2)	(2)	12.5	.1	5	23.0	12.6
29	PETROLEUM AND COAL PRODUCTS. . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
31	LEATHER AND LEATHER PRODUCTS. . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
33	PRIMARY METAL INDUSTRIES. . . . .	2.8	69.5	7	9.5	(2)	2.3	.2	—	6.5	.5	6	14.8	7.9
34	FABRICATEO METAL PRODUCTS. . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
37	TRANSPORTATION EQUIPMENT. . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
20	CALIFORNIA . . . . .	518.3	9 377.5	585	363.5	97.0	114.2	3.2	20.2	176.2	49.7	406	1 SD6.4	307.4
20	FOOD AND KINOREO PRODUCTS. . . . .	60.6	1 213.9	241	66.8	11.2	31.5	.3	2.8	22.3	10.0	150	116.1	60.7
22	TEXTILE MILL PRODUCTS. . . . .	1.8	22.7	10	.9	.3	.8	(2)	—	—	.1	2	1.0	.8
24	LUMBER AND WOOD PRODUCTS. . . . .	6.8	87.3	18	30.0	.8	5.5	(2)	3.7	11.8	9.0	7	46.4	20.6
26	PAPER AND ALLIEO PRODUCTS. . . . .	6.5	130.3	29	47.1	33.6	30.1	.1	11.7	3.4	1.9	27	167.3	44.4
28	CHEMICALS AND ALLIEO PRODUCTS. . . . .	10.4	403.8	54	30.5	10.5	6.1	.3	.4	18.3	5.5	43	170.9	26.8
29	PETROLEUM AND COAL PRODUCTS. . . . .	13.3	478.4	25	123.7	16.0	5.6	.3	1.4	104.8	11.6	24	667.5	101.8
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	7.2	144.4	9	1.3	.4	.1	.1	—	.7	.4	9	10.4	1.2
31	LEATHER AND LEATHER PRODUCTS. . . . .	.3	4.5	3	.4	—	.4	—	—	(2)	—	1	.5	.4
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	21.5	380.3	49	27.1	12.6	19.9	.2	.2	4.5	2.3	41	39.1	22.2
33	PRIMARY METAL INDUSTRIES. . . . .	26.2	415.9	27	14.4	6.6	6.5	.3	(2)	5.6	1.9	23	166.6	9.9
34	FABRICATED METAL PRODUCTS. . . . .	9.3	117.7	20	1.2	.1	.9	(2)	—	.1	.2	10	1.4	1.2
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	21.7	285.3	14	1.3	.1	.4	.2	—	.2	.5	10	6.5	1.2
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	86.6	1 373.2	33	4.0	1.0	1.2	.4	(2)	.4	1.9	18	31.3	3.5
37	TRANSPORTATION EQUIPMENT. . . . .	135.3	2 636.3	26	7.7	3.4	3.2	.7	.1	1.6	2.1	20	62.5	6.4
38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	7.9	107.0	8	.5	(2)	.2	(2)	—	.1	.2	6	1.3	.5
39	MISC. MANUFACTURING INDUSTRIES. . . . .	.7	7.5	3	.1	—	.1	(2)	—	(2)	(2)	2	.2	.1
20	ALASKA . . . . .	1.7	44.2	12	33.7	24.5	29.5	(2)	2.2	1.2	.8	4	116.0	32.3
20	FOOD AND KINOREO PRODUCTS. . . . .	.5	6.2	8	1.2	—	.5	(2)	.1	.6	.1	1	1.3	1.2
26	PAPER AND ALLIED PRODUCTS. . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
29	PETRDLEUM AND COAL PRODUCTS. . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
20	HAWAII . . . . .	9.7	155.8	28	95.3	16.1	48.0	(2)	32.2	11.0	4.1	20	156.7	93.3
20	FOOD AND KINDRED PRODUCTS. . . . .	9.4	126.1	26	93.5	15.8	47.5	(2)	32.2	10.0	3.8	18	140.9	92.2
29	PETRDLEUM AND COAL PRODUCTS. . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

Note: Detailed figures may not add to totals because of independent rounding. The figures shown for industry groups include data for all component industries whether or not separate figures are shown for the individual industries in the group.

Standard notes: — Represents zero. (d) Withheld to avoid disclosing figures of individual companies. (2) Less than 50 million gallons.



**TABLE 3. Water Intake by Source, Gross Water Used, and Water Discharged by Discharge Point: 1968**

**A. INDUSTRY GROUPS AND INDUSTRIES**

(All water data in billions of gallons)

Code	Industry group and industry	Value of shipments  (million dollars)	Water intake by source										
			Total	Fresh water						Brackish water			
				Total	From public water systems	From company water systems			Total	From public water systems	From company water systems		
						Surface	Ground	Tidewater			Surface	Ground	Tidewater
	ALL INDUSTRIES, TOTAL . . . . .	278 037.3	15 466.5	12 453.5	1 591.7	8 919.2	1 498.4	444.1	3 013.0	5.8	682.8	83.0	2 241.4
20	FOOD AND KINDRED PRODUCTS . . . . .	38 684.9	810.9	740.0	207.2	227.1	289.3	16.4	70.9	.1	5.2	19.8	45.9
201	MEAT PRODUCTS . . . . .	11 820.4	105.3	104.8	47.7	4.7	51.5	.9	.5	.1	.2	.2	.1
2011	MEATPACKING PLANTS . . . . .	9 489.3	70.4	69.9	22.4	4.4	43.2	-	.5	.1	.2	.2	.1
2013	SAUSAGES AND OTHER PREPARED MEATS . . . . .	855.4	6.1	6.1	5.2	(2)	.9	-	-	-	-	-	-
2015	POULTRY DRESSING PLANTS . . . . .	1 475.7	28.8	28.8	20.2	.3	7.3	.9	(2)	-	(2)	-	-
202	DAIRY PRODUCTS . . . . .	4 503.3	55.8	54.9	25.6	5.5	23.6	.2	.9	-	.9	(2)	-
2021	CREAMERY BUTTER . . . . .	393.4	6.6	6.2	1.5	.2	4.5	-	.4	-	.4	-	-
2022	CHEESE, NATURAL AND PROCESSED . . . . .	551.5	3.8	3.8	1.2	.5	2.2	-	-	-	-	-	-
2023	CONDENSED AND EVAPORATED MILK . . . . .	515.0	13.5	13.0	1.7	4.3	6.9	.1	.5	-	.5	(2)	-
2024	ICE CREAM AND FROZEN DESSERTS . . . . .	225.4	3.2	3.2	1.9	-	1.2	(2)	-	-	-	-	-
2026	FLUID MILK . . . . .	2 618.0	28.8	28.8	19.3	.6	8.9	(2)	(2)	-	-	(2)	-
203	CANNED, CURED, AND FROZEN FOODS . . . . .	5 343.7	128.7	125.5	42.5	8.0	73.9	1.0	3.2	-	-	1.0	2.2
2031	CANNEO AND CURED SEAFOODS . . . . .	154.6	2.4	1.9	1.3	.1	.1	.5	.5	-	-	.1	.4
2032	CANNED SPECIALTIES . . . . .	1 149.3	17.3	17.1	10.9	1.9	4.3	-	.2	-	-	.2	-
2033	CANNED FRUITS AND VEGETABLES . . . . .	2 045.9	42.4	40.4	17.0	.4	22.6	.4	2.0	-	-	.8	1.2
2034	DEHYDRATED FOOD PRODUCTS . . . . .	210.6	4.6	4.6	1.3	-	3.3	-	-	-	-	-	-
2035	PICKLES, SAUCES, AND SALAD DRESSINGS . . . . .	361.4	3.2	3.2	2.6	(2)	.6	-	-	-	-	-	-
2036	FRESH OR FROZEN PACKAGED FISH . . . . .	127.6	1.9	1.3	.9	(2)	.4	(2)	.6	-	-	(2)	.6
2037	FROZEN FRUITS AND VEGETABLES . . . . .	1 294.3	56.9	56.9	8.5	5.6	42.7	.1	-	-	-	-	-
204	GRAIN MILL PRODUCTS . . . . .	2 613.0	75.1	71.6	10.0	43.3	18.3	-	3.5	-	-	-	3.5
2041	FLOUR AND OTHER GRAIN MILL PRODUCTS . . . . .	451.5	3.1	3.1	1.0	1.9	.2	-	-	-	-	-	-
2042	PREPARED FEEDS FOR ANIMALS AND FOWLS . . . . .	512.3	5.3	4.8	1.6	.4	2.8	-	.5	-	-	-	.5
2043	CEREAL PREPARATIONS . . . . .	686.4	4.1	4.1	1.3	.6	2.2	-	-	-	-	-	-
2044	RICE MILLING . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2045	BLENDED AND PREPARED FLOUR . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2046	WET CORN MILLING . . . . .	726.2	61.9	58.9	5.4	40.4	13.2	-	3.0	-	-	-	3.0
205	BAKERY PRODUCTS . . . . .	1 103.1	4.2	4.2	2.7	(2)	1.5	(2)	-	-	-	-	-
2051	BREAD, CAKE, AND RELATED PRODUCTS . . . . .	604.0	2.2	2.2	2.0	(2)	.1	(2)	-	-	-	-	-
2052	COOKIES AND CRACKERS . . . . .	499.1	2.1	2.1	.7	-	1.4	-	-	-	-	-	-
206	SUGAR . . . . .	2 143.8	243.3	190.4	10.3	124.6	49.7	5.8	52.9	-	1.9	17.3	33.8
2061	RAW CANE SUGAR . . . . .	284.8	114.4	95.8	3.4	56.4	34.8	1.3	18.6	-	1.8	16.8	-
2062	CANE SUGAR REFINING . . . . .	1 324.8	83.6	49.3	4.4	38.8	1.6	4.6	34.3	-	.1	.5	33.8
2063	BET SUGAR . . . . .	534.2	45.2	45.2	2.5	29.4	13.3	-	-	-	-	-	-
207	CONFECTIONERY AND RELATED PRODUCTS . . . . .	1 103.4	19.0	17.5	3.0	1.8	9.1	3.6	1.5	-	-	-	1.5
2071	CONFECTIONERY PRODUCTS . . . . .	603.2	5.1	3.6	2.4	-	1.2	-	1.5	-	-	-	1.5
2072	CHOCOLATE AND COCOA PRODUCTS . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2073	CHEWING GUM . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
208	BEVERAGES . . . . .	5 304.4	111.5	107.0	40.7	31.9	34.4	(2)	4.5	-	.2	.8	3.6
2082	MALT LIQUORS . . . . .	2 730.8	65.7	61.9	30.5	20.2	11.2	-	3.8	-	-	.8	3.0
2083	MALT . . . . .	170.5	8.6	8.5	1.5	.4	6.6	-	.2	-	.2	-	-
2084	WINES, BRANDY, AND BRANDY SPIRITS . . . . .	168.5	3.0	3.0	.3	-	2.7	-	-	-	-	-	-
2085	DISTILLED LIQUOR, EXCEPT BRANDY . . . . .	884.0	21.7	21.7	1.3	8.6	11.8	-	-	-	-	-	-
2086	BOTTLED AND CANNEO SOFT DRINKS . . . . .	742.6	7.5	7.4	5.9	.1	1.3	(2)	.1	-	-	-	.1
2087	FLAVORING EXTRACTS AND SIRUPS, NEC . . . . .	596.6	1.4	.9	.9	-	(2)	-	.5	-	-	-	.5
209	MISC. FOODS AND KINDRED PRODUCTS . . . . .	4 749.8	67.9	64.1	24.8	7.2	27.2	4.9	3.8	-	2.1	.5	1.2
2091	COTTONSEED OIL MILLS . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2092	SOYBEAN OIL MILLS . . . . .	1 446.9	13.7	13.6	3.3	1.7	8.5	-	.1	-	-	.1	-
2093	VEGETABLE OIL MILLS, NEC . . . . .	131.3	1.7	1.0	.3	-	.7	-	.7	-	-	.7	-
2094	ANIMAL AND MARINE FATS AND OILS . . . . .	132.1	9.2	8.3	1.6	4.2	2.3	.2	.9	-	.3	.4	.2
2095	ROASTED COFFEE . . . . .	936.8	2.7	2.7	2.0	-	.7	-	-	-	-	-	-
2096	SHORTENING AND COOKING OILS . . . . .	1 235.7	17.0	14.9	4.5	.8	5.0	4.6	2.1	-	1.8	-	.3
2097	MANUFACTURED ICE . . . . .	9.0	4.7	4.6	.4	(2)	4.1	-	(2)	-	(2)	-	-
2098	MACARONI AND SPAGHETTI . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2099	FOOD PREPARATIONS, NEC . . . . .	785.3	18.4	18.4	12.5	.5	5.3	.1	-	-	-	-	-
21	TOBACCO MANUFACTURES . . . . .	2 710.0	5.8	5.8	3.3	2.4	.1	-	-	-	-	-	-
2111	CIGARETTES . . . . .	2 300.6	3.1	3.1	3.1	-	-	-	-	-	-	-	-
2121	CIGARS . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2131	CHEWING AND SMOKING TOBACCO . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2141	TOBACCO STEMMING AND REDRYING . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
22	TEXTILE MILL PRODUCTS . . . . .	9 235.5	154.2	152.4	57.8	78.3	16.2	.2	1.7	-	1.2	.2	.3
2211	WEAVING MILLS, COTTON . . . . .	2 305.1	33.5	33.3	9.0	20.2	4.1	-	.3	-	.3	-	-
2221	WEAVING MILLS, SYNTHETICS . . . . .	1 214.4	12.5	12.1	6.3	4.7	1.1	.1	.4	-	-	(2)	.3
2231	WEAVING AND FINISHING MILLS, WOOL . . . . .	671.8	15.8	15.7	4.1	10.5	1.1	-	.1	-	.1	-	-
2241	NARROW FABRIC MILLS . . . . .	87.3	.9	.9	.6	.2	.1	.1	(2)	-	(2)	-	-
225	KNITTING MILLS . . . . .	1 119.7	11.4	11.0	8.8	.7	1.5	-	.4	-	.2	.2	-
2251	WOMEN'S HOSIERY, EXCEPT SOCKS . . . . .	206.2	1.6	1.6	1.0	-	.6	-	-	-	-	-	-
2252	HOSIERY, NEC . . . . .	107.7	.7	.7	.6	(2)	(2)	-	-	-	-	-	-
2253	KNIT OUTERWEAR MILLS . . . . .	245.5	1.9	1.6	1.6	(2)	(2)	-	.2	-	.1	.1	-
2254	KNIT UNDERWEAR MILLS . . . . .	170.6	1.9	1.9	1.6	.3	.1	-	-	-	-	-	-
2256	KNIT FABRIC MILLS . . . . .	389.8	5.3	5.1	4.0	.4	.7	-	.1	-	.1	(2)	-
226	TEXTILE FINISHING, EXCEPT WOOL . . . . .	1 180.5	51.5	51.0	13.2	34.6	3.1	.1	.5	-	.5	-	-
2261	FINISHING PLANTS, COTTON . . . . .	689.3	28.2	28.2	5.1	21.4	1.8	(2)	-	-	-	-	-
2262	FINISHING PLANTS, SYNTHETICS . . . . .	314.0	18.5	18.1	4.5	12.3	1.2	.1	.4	-	.4	-	-
2269	FINISHING PLANTS, NEC . . . . .	177.2	4.7	4.6	3.7	.9	.1	-	.1	-	.1	-	-
227	FLOOR COVERING MILLS . . . . .	1 067.6	10.6	10.6	7.1	1.2	2.3	(2)	-	-	-	-	-
2271	WOVEN CARPETS AND RUGS . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

See footnotes at end of table.



TABLE 3. Water Intake by Source, Gross Water Used, and Water Discharged by Discharge Point: 1968—Continued

A. INDUSTRY GROUPS AND INDUSTRIES—Continued

(All water data in billions of gallons)

Code	Industry group and industry	Gross water used, including recirculation or reuse	Water discharged, by point of discharge						Treated before discharge (included in total)
			Total	Public utility sewer	Surface water body	Tidewater body	Ground	Transferred to other users	
	ALL INDUSTRIES, TOTAL . . . . .	35 700.6	14 275.9	1 021.6	9 545.1	3 316.0	190.1	203.0	4 353.2
20	FOOD AND KINDRED PRODUCTS . . . . .	1 346.0	752.8	237.5	294.0	100.3	43.4	77.6	184.7
201	MEAT PRODUCTS . . . . .	169.8	99.5	65.3	27.4	2.3	3.5	1.0	38.5
2011	MEATPACKING PLANTS . . . . .	125.4	66.9	44.0	19.8	.6	1.7	.8	30.9
2013	SAUSAGES AND OTHER PREPARED MEATS . . . . .	11.0	5.4	4.9	.3	(Z)	.1	(Z)	1.0
2015	POULTRY PROCESSING PLANTS . . . . .	33.4	27.3	16.3	7.3	1.6	1.8	.2	6.6
202	DAIRY PRODUCTS . . . . .	77.8	53.0	31.0	19.1	1.1	1.6	.3	2.1
2021	CREAMERY BUTTER . . . . .	8.5	6.2	2.7	3.1	-	.4	(Z)	.2
2022	CHEESE, NATURAL AND PROCESSED . . . . .	4.4	3.5	1.7	1.6	-	.2	(Z)	.3
2023	CONDENSED AND EVAPORATED MILK . . . . .	18.3	13.1	3.9	9.0	-	.1	.1	.7
2024	ICE CREAM AND FROZEN DESSERTS . . . . .	6.4	2.9	2.1	.5	(Z)	.2	(Z)	-
2026	FLUID MILK . . . . .	40.2	27.4	20.7	4.8	1.0	.7	.2	.9
203	CANNED, CURED, AND FROZEN FOODS . . . . .	225.9	119.8	41.7	53.3	9.4	13.7	1.7	47.7
2031	CANNED AND CURED SEAFOODS . . . . .	2.5	2.2	.2	.1	1.8	(Z)	(Z)	(Z)
2032	CANNED SPECIALTIES . . . . .	22.1	14.4	9.6	3.2	.1	1.5	(Z)	7.7
2033	CANNED FRUITS AND VEGETABLES . . . . .	72.6	38.4	16.6	10.8	5.8	4.4	.8	15.6
2034	DEHYDRATED FOOD PRODUCTS . . . . .	8.6	4.5	1.2	2.3	-	.7	.3	3.4
2035	PICKLES, SAUCES, AND SALAD DRESSINGS . . . . .	5.2	2.6	2.1	.4	-	.1	(Z)	.5
2036	FRESH OR FROZEN PACKAGED FISH . . . . .	2.0	1.7	.3	.1	1.2	.1	-	.4
2037	FROZEN FRUITS AND VEGETABLES . . . . .	112.9	56.0	11.8	36.2	.5	7.0	.5	20.0
204	GRAIN MILL PRODUCTS . . . . .	122.1	67.1	19.2	43.6	3.9	.4	-	6.0
2041	FLOUR AND OTHER GRAIN MILL PRODUCTS . . . . .	3.3	2.8	.6	2.2	-	(Z)	-	.1
2042	PREPARED FEEDS FOR ANIMALS AND FOWLS . . . . .	6.3	4.2	1.3	2.1	.7	.1	-	1.3
2043	CEREAL PREPARATIONS . . . . .	5.1	3.8	2.1	1.7	-	-	-	.2
2044	RICE MILLING . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2045	BLENDED AND PREPARED FLOUR . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2046	WET CORN MILLING . . . . .	106.5	55.9	14.9	37.5	3.2	.2	-	4.3
205	BAKERY PRODUCTS . . . . .	10.8	3.2	1.9	.4	(Z)	.8	-	.2
2051	BREAD, CAKE, AND RELATED PRODUCTS . . . . .	3.6	1.5	1.5	(Z)	(Z)	(Z)	-	.2
2052	COOKIES AND CRACKERS . . . . .	7.2	1.7	.5	.3	-	.8	-	.1
206	SUGAR . . . . .	357.6	233.0	3.9	75.7	64.6	15.7	73.1	70.8
2061	RAW CANE SUGAR . . . . .	164.5	112.0	1.3	12.1	22.1	6.3	70.1	34.7
2062	CANE SUGAR REFINING . . . . .	99.5	81.0	.9	34.0	42.5	3.4	.2	4.5
2063	BEET SUGAR . . . . .	93.6	40.0	1.7	29.6	-	6.0	2.7	31.7
207	CONFECTIONERY AND RELATED PRODUCTS . . . . .	36.2	18.6	3.1	11.7	1.5	2.3	-	.9
2071	CONFECTIONERY PRODUCTS . . . . .	18.9	4.7	2.6	.2	1.5	.5	-	.9
2072	CHOCOLATE AND COCOA PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2073	CHEWING GUM . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
208	BEVERAGES . . . . .	211.4	97.4	50.5	40.0	3.2	3.0	.7	7.4
2082	MALT LIQUORS . . . . .	140.5	58.0	32.8	21.5	3.0	.2	.5	4.2
2083	MALT . . . . .	19.3	8.0	3.7	3.9	-	.3	(Z)	1.8
2084	WINES, BRANDY, AND BRANDY SPIRITS . . . . .	5.1	2.9	.7	.1	-	2.1	(Z)	.6
2085	DISTILLED LIQUOR, EXCEPT BRANDY . . . . .	28.7	17.9	8.2	9.7	-	.1	-	.2
2086	BOTTLED AND CANNED SOFT DRINKS . . . . .	9.0	6.0	4.4	1.0	.1	.3	.1	.6
2087	FLAVORING EXTRACTS AND SIRUPS, NEC . . . . .	1.4	1.1	.5	.5	.1	-	-	(Z)
209	MISC. FOODS AND KINDRED PRODUCTS . . . . .	134.5	61.0	20.8	23.0	14.2	2.3	.8	11.1
2091	COTTONSEED OIL MILLS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2092	SOYBEAN OIL MILLS . . . . .	39.4	12.4	3.6	8.4	(Z)	.3	.1	1.2
2093	VEGETABLE OIL MILLS, NEC . . . . .	3.0	1.6	.3	.5	.7	.1	-	(Z)
2094	ANIMAL AND MARINE FATS AND OILS . . . . .	11.5	7.7	2.5	4.5	.5	.1	.1	3.3
2095	ROASTED COFFEE . . . . .	5.7	2.2	1.3	(Z)	.7	-	.2	-
2096	SHORTENING AND COOKING OILS . . . . .	43.7	15.4	6.3	5.0	4.0	.1	(Z)	5.1
2097	MANUFACTURED ICE . . . . .	7.7	4.3	1.4	1.8	.1	1.0	(Z)	.1
2098	MACARONI AND SPAGHETTI . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2099	FOOD PREPARATIONS, NEC . . . . .	22.4	17.0	5.4	2.5	8.1	.6	.4	1.4
21	TOBACCO MANUFACTURES . . . . .	77.0	4.8	2.1	2.6	-	(Z)	.1	.5
2111	CIGARETTES . . . . .	70.4	2.3	2.0	.2	-	(Z)	.1	(Z)
2121	CIGARS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2131	CHEWING AND SMOKING TOBACCO . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2141	TOBACCO STEMMING AND REGRINDING . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
22	TEXTILE MILL PRODUCTS . . . . .	327.5	136.0	50.6	80.9	1.9	1.4	1.2	53.7
2211	WEAVING MILLS, COTTON . . . . .	101.3	27.8	6.0	20.3	.3	.1	1.0	9.5
2221	WEAVING MILLS, SYNTHETICS . . . . .	44.2	10.9	4.4	6.1	.3	.1	(Z)	5.3
2231	WEAVING AND FINISHING MILLS, WOOL . . . . .	23.6	14.1	3.6	10.4	.1	.1	(Z)	5.9
2241	NARROW FABRIC MILLS . . . . .	1.1	.8	.6	.2	-	-	-	-
225	KNITTING MILLS . . . . .	14.5	10.6	7.4	2.9	(Z)	.2	.1	2.3
2251	WOMEN'S HOSIERY, EXCEPT SOCKS . . . . .	2.1	1.6	1.4	.2	-	-	-	.1
2252	HOSIERY, NEC . . . . .	.7	.6	.6	.1	-	(Z)	-	(Z)
2253	KNIT OUTERWEAR MILLS . . . . .	2.2	1.9	1.4	.4	-	(Z)	-	.2
2254	KNIT UNDERWEAR MILLS . . . . .	2.2	1.5	1.3	(Z)	-	.1	.1	(Z)
2256	KNIT FABRIC MILLS . . . . .	7.4	5.0	2.6	2.2	(Z)	.1	(Z)	2.0
226	TEXTILE FINISHING, EXCEPT WOOL . . . . .	58.6	46.0	15.3	29.8	.7	.1	(Z)	21.5
2261	FINISHING PLANTS, COTTON . . . . .	31.8	25.0	8.3	16.2	.4	(Z)	(Z)	11.0
2262	FINISHING PLANTS, SYNTHETICS . . . . .	21.1	16.4	3.3	12.7	.3	.1	(Z)	9.9
2269	FINISHING PLANTS, NEC . . . . .	5.7	4.6	3.7	.9	-	-	(Z)	.5
227	FLOOR COVERING MILLS . . . . .	21.1	9.6	6.1	2.8	.4	.5	(Z)	2.8
2271	WOVEN CARPETS AND RUGS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 3. Water Intake by Source, Gross Water Used, and Water Discharged by Discharge Point: 1968—Continued

A. INDUSTRY GROUPS AND INDUSTRIES—Continued

(All water data in billions of gallons)

Code	Industry group and industry	Value of shipments (million dollars)	Water intake by source										
			Total	Fresh water					Brackish water				
				Total	From public water systems	From company water systems			Total	From public water systems	From company water systems		
						Surface	Ground	Tidewater			Surface	Ground	Tidewater
2272	TUFTED CARPETS AND RUGS. . . . .	931.3	9.0	9.0	6.5	1.2	1.4	(Z)	-	-	-	-	-
2279	CARPETS AND RUGS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
228	YARN AND THREAD MILLS. . . . .	746.7	10.3	10.3	5.2	3.5	1.6	-	-	-	-	-	-
2281	YARN MILLS, EXCEPT WDDL. . . . .	392.1	3.7	3.7	1.7	.5	1.6	-	-	-	-	-	-
2282	THROWING AND WINDING MILLS. . . . .	94.0	.9	.9	.9	-	-	-	-	-	-	-	-
2283	WDDL YARN MILLS. . . . .	86.4	1.2	1.2	.6	.5	-	-	-	-	-	-	-
2284	THREAD MILLS. . . . .	174.2	4.6	4.6	2.0	2.6	(Z)	-	-	-	-	-	-
229	MISCELLANEOUS TEXTILE GOODS. . . . .	842.5	7.6	7.5	3.4	2.7	1.4	-	.1	-	.1	-	-
2291	FELT GOODS, NEC. . . . .	31.9	.5	.4	.2	.1	.1	-	.1	-	.1	-	-
2292	LACE GOODS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2293	PADDINGS AND UPHOLSTERY FILLING. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2294	PROCESSED TEXTILE WASTE. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2295	COATED FABRICS, NOT RUBBERIZED. . . . .	284.0	4.1	4.1	1.5	2.1	.5	-	-	-	-	-	-
2296	TIRE CORD AND FABRIC. . . . .	339.3	.6	.6	.5	.1	.1	-	-	-	-	-	-
2297	SCOURING AND COMBING PLANTS. . . . .	45.9	1.1	1.1	.1	.3	.7	-	-	-	-	-	-
2298	CORDAGE AND TWINE. . . . .	19.4	.3	.3	.1	.2	(Z)	-	-	-	-	-	-
2299	TEXTILE GOODS, NEC. . . . .	69.9	.7	.7	.6	(Z)	(Z)	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS. . . . .	1 376.8	117.9	100.8	6.6	70.0	20.4	3.7	17.2	2.2	14.2	(Z)	.7
2411	LOGGING CAMPS, LOGGING CONTRACTORS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
242	SAWMILLS AND PLANING MILLS. . . . .	603.5	86.8	79.8	2.9	60.7	12.5	3.7	7.0	-	6.3	-	.7
2421	SAWMILLS AND PLANING MILLS, GENERAL. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2426	HARDWOOD DIMENSION AND FLOORING. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
243	MILLWORK, PLYWOOD, RELATED PROD. . . . .	476.5	17.9	10.9	2.4	6.8	1.7	(Z)	7.0	-	7.0	-	(Z)
2431	MILLWORK. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2432	VENEER AND PLYWOOD. . . . .	362.4	17.2	10.2	2.2	6.8	1.2	(Z)	7.0	-	7.0	-	(Z)
2433	PREFABRICATED WOOD STRUCTURES. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
244	WOODEN CONTAINERS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2441	NAILED WOODEN BOXES AND SHOOK. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2442	WIREBOUND BOXES AND CRATES. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
249	MISCELLANEOUS WOOD PRODUCTS. . . . .	244.6	11.8	9.5	1.2	2.3	6.0	(Z)	2.3	2.2	.1	(Z)	-
2491	WOOD PRESERVING. . . . .	44.4	.8	.8	.1	.2	.5	-	-	-	-	-	-
2499	WOOD PRODUCTS, NEC. . . . .	200.2	10.9	8.7	1.0	2.1	5.5	(Z)	2.3	2.2	.1	(Z)	-
25	FURNITURE AND FIXTURES. . . . .	974.0	4.3	4.3	3.5	.2	.6	-	(Z)	-	(Z)	(Z)	-
251	HOUSEHOLD FURNITURE. . . . .	456.5	2.2	2.2	2.0	.1	.2	-	-	-	-	-	-
2511	WOOD HOUSEHOLD FURNITURE. . . . .	346.7	1.8	1.8	1.6	.1	.1	-	-	-	-	-	-
2512	UPHOLSTERED HOUSEHOLD FURNITURE. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2514	METAL HOUSEHOLD FURNITURE. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2515	MATTRESSES AND BEDSPRINGS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2519	HOUSEHOLD FURNITURE, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
252	OFFICE FURNITURE. . . . .	299.2	1.0	1.0	.6	.2	.2	-	(Z)	-	(Z)	(Z)	-
2522	METAL OFFICE FURNITURE. . . . .	299.2	1.0	1.0	.6	.2	.2	-	(Z)	-	(Z)	(Z)	-
2531	PUBLIC BUILDING FURNITURE. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
254	PARTITIONS AND FIXTURES. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2542	METAL PARTITIONS AND FIXTURES. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
259	MISC. FURNITURE AND FIXTURES. . . . .	98.3	.6	.6	.4	-	.2	-	-	-	-	-	-
2591	VENETIAN BLINDS AND SHADES. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2599	FURNITURE AND FIXTURES, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS. . . . .	9 996.0	2 252.0	2 082.6	261.8	1 408.9	382.1	29.8	169.4	.5	49.7	2.9	116.3
2611	PULPMILLS. . . . .	479.2	270.6	258.4	85.7	108.2	64.1	.3	12.2	-	6.9	-	5.3
2621	PAPERMILLS, EXCEPT BUILDING PAPER. . . . .	4 680.0	1 193.8	1 141.0	119.9	836.6	162.2	22.4	52.7	-	16.5	-	36.2
2631	PAPERBOARD MILLS. . . . .	2 690.9	722.5	619.7	43.7	423.1	146.0	6.9	102.8	-	26.0	2.1	74.7
264	MISC. CONVERTED PAPER PRODUCTS. . . . .	1 206.4	22.5	21.9	8.0	9.8	3.9	.2	.6	.5	.1	-	-
2641	PAPER COATING AND GLAZING. . . . .	546.8	7.4	7.3	4.6	1.1	1.6	(Z)	.1	-	.1	-	-
2642	ENVELOPES. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2643	BAGS, EXCEPT TEXTILE BAGS. . . . .	182.4	6.0	5.6	.6	4.3	.7	-	.5	.5	-	-	-
2644	WALLPAPER. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2645	DIE-CUT PAPER AND BOARD. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2646	PRESSED AND MOLDED PULP GOODS. . . . .	90.8	4.5	4.5	2.3	.6	1.6	-	-	-	-	-	-
2647	SANITARY PAPER PRODUCTS. . . . .	209.6	3.7	3.6	.1	3.5	(Z)	-	(Z)	-	(Z)	-	-
2649	CONVERTED PAPER PRODUCTS, NEC. . . . .	101.8	.4	.4	.3	(Z)	(Z)	.2	-	-	-	-	-
265	PAPERBOARD CONTAINERS AND BOXES. . . . .	663.4	5.8	5.8	2.0	2.3	1.5	-	(Z)	-	-	(Z)	-
2651	FOLDING PAPERBOARD BOXES. . . . .	77.9	2.5	2.5	.2	2.0	.3	-	-	-	-	-	-
2653	CORRUGATED AND SOLID FIBER BOXES. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2654	SANITARY FOOD CONTAINERS. . . . .	398.6	1.8	1.7	.8	.3	.6	-	(Z)	-	-	(Z)	-
2655	FIBER CANS, DRUMS, RELATED MATERIAL. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2661	BUILDING PAPER AND BOARD MILLS. . . . .	276.0	36.8	35.8	2.5	28.9	4.4	-	1.1	-	.2	.7	.2
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	27 635.1	4 476.2	2 950.1	254.3	2 122.3	397.7	175.9	1 526.1	(Z)	219.7	43.2	1 263.2
281	INDUSTRIAL CHEMICALS. . . . .	11 755.5	3 368.4	2 039.8	160.2	1 520.3	212.9	146.3	1 328.6	-	150.2	5.2	1 173.2
2812	ALKALIES AND CHLORINE. . . . .	666.0	386.4	294.4	12.2	249.9	32.4	-	92.0	-	16.8	2.2	73.1
2813	INDUSTRIAL GASES. . . . .	215.3	92.3	92.0	15.5	71.4	5.1	(Z)	.3	-	-	.1	.2
2815	CYCLOC INTERMEDIATES AND CRUDES. . . . .	1 301.7	139.1	103.7	16.9	48.4	11.4	27.1	35.4	-	-	.1	35.4
2816	INORGANIC PIGMENTS. . . . .	390.6	95.4	69.5	6.9	34.9	5.2	22.5	25.9	-	-	-	25.9
2818	INDUSTRIAL ORGANIC CHEMICALS, NEC. . . . .	6 000.5	2 140.3	1 016.6	66.3	846.6	69.9	33.8	1 123.7	-	116.8	1.2	1 005.8
2819	INDUSTRIAL INORGANIC CHEMICALS, NEC. . . . .	3 181.3	514.8	463.6	42.5	269.3	88.9	63.0	51.1	-	16.6	1.7	32.8

See footnotes at end of table.



TABLE 3. Water Intake by Source, Gross Water Used, and Water Discharged by Discharge Point: 1968—Continued

A. INDUSTRY GROUPS AND INDUSTRIES—Continued

(All water data in billions of gallons)

Code	Industry group and industry	Gross water used, including recirculation or reuse	Water discharged, by point of discharge						Treated before discharge (included in total)
			Total	Public utility sewer	Surface water body	Tidewater body	Ground	Transferred to other users	
2272	TUFTED CARPETS AND RUGS . . . . .	11.9	8.2	5.3	2.0	.4	.5	(Z)	2.7
2279	CARPETS AND RUGS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
228	YARN AND THREAD MILLS . . . . .	39.1	9.9	4.5	5.1	-	.3	-	4.9
2281	YARN MILLS, EXCEPT WOOL . . . . .	30.6	3.4	1.7	1.5	-	.3	-	.9
2282	THROWING AND WINDING MILLS . . . . .	1.0	.8	.8	.1	-	-	-	-
2283	WOOL YARN MILLS . . . . .	1.6	1.1	.3	.8	-	-	-	1.0
2284	THREAD MILLS . . . . .	5.9	4.5	1.7	2.8	-	(Z)	-	3.0
229	MISCELLANEOUS TEXTILE GOODS . . . . .	23.9	6.3	2.9	3.3	(Z)	(Z)	(Z)	1.5
2291	FELT GOODS, NEC. . . . .	.7	.4	.2	.3	-	-	-	.2
2292	LACE GOODS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2293	PADDINGS AND UPHOLSTERY FILLING . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2294	PROCESSED TEXTILE WASTE . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2295	COATED FABRICS, NOT RUBBERIZED . . . . .	12.9	3.2	1.5	1.7	-	-	-	.4
2296	TIRE CORD AND FABRIC . . . . .	4.3	.5	.3	.2	-	-	-	.1
2297	SCOURING AND COMBING PLANTS . . . . .	1.7	1.1	.1	.9	-	(Z)	(Z)	.6
2298	CORDAGE AND TWINE . . . . .	.3	.2	.1	.1	-	(Z)	-	.1
2299	TEXTILE GOODS, NEC . . . . .	3.6	.6	.5	.1	-	-	-	.1
24	LUMBER AND WOOD PRODUCTS . . . . .	204.9	92.7	2.5	73.4	10.8	3.8	2.2	18.7
2411	LOGGING CAMPS, LOGGING CONTRACTORS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
242	SAWMILLS AND PLANING MILLS . . . . .	129.8	68.1	1.1	57.4	5.5	2.5	1.6	11.4
2421	SAWMILLS AND PLANING MILLS, GENERAL . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2426	HARDWOOD DIMENSION AND FLOORING . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
243	MILLWORK, PLYWOOD, RELATED PROD. . . . .	54.9	15.5	.6	8.9	5.2	.6	.1	3.8
2431	MILLWORK . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2432	VENEER AND PLYWOOD . . . . .	54.0	15.1	.6	8.7	5.2	.5	.1	3.8
2433	PREFABRICATED WOOD STRUCTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
244	WOODEN CONTAINERS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2441	NAILED WOODEN BOXES AND SHOOK . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2442	WIREBOUND BOXES AND CRATES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
249	MISCELLANEOUS WOOD PRODUCTS . . . . .	17.7	8.8	.6	7.0	.2	.6	.5	3.4
2491	WOOD PRESERVING . . . . .	1.4	.7	(Z)	.3	-	.4	(Z)	.1
2499	WOOD PRODUCTS, NEC . . . . .	16.2	8.1	.6	6.7	.2	.2	.5	3.4
25	FURNITURE AND FIXTURES . . . . .	6.3	3.8	2.5	1.2	-	.1	-	.3
251	HOUSEHOLD FURNITURE . . . . .	3.8	1.7	1.2	.5	-	(Z)	-	.1
2511	WOOD HOUSEHOLD FURNITURE . . . . .	2.8	1.2	1.0	.2	-	(Z)	-	(Z)
2512	UPHOLSTERED HOUSEHOLD FURNITURE . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2514	METAL HOUSEHOLD FURNITURE . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2515	MATTRESSES AND BEDSPRINGS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2519	HOUSEHOLD FURNITURE, NEC . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
252	OFFICE FURNITURE . . . . .	1.3	1.0	.5	.5	-	(Z)	-	(Z)
2522	METAL OFFICE FURNITURE . . . . .	1.3	1.0	.5	.5	-	(Z)	-	(Z)
2531	PUBLIC BUILDING FURNITURE . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
254	PARTITIONS AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2542	METAL PARTITIONS AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
259	MISC. FURNITURE AND FIXTURES . . . . .	.7	.6	.6	-	-	(Z)	-	.1
2591	VENETIAN BLINDS AND SHADES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2599	FURNITURE AND FIXTURES, NEC . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	6 521.5	2 077.6	72.4	1 505.9	477.4	15.9	6.1	915.3
2611	PULPMILLS . . . . .	812.2	265.2	.3	123.8	138.5	.7	1.9	83.3
2621	PAPERMILLS, EXCEPT BUILDING PAPER . . . . .	3 120.4	1 073.4	39.1	888.2	137.7	5.8	2.6	467.1
2631	PAPERBOARD MILLS . . . . .	2 429.5	687.4	21.9	456.2	199.5	9.1	.7	348.7
264	MISC. CONVERTED PAPER PRODUCTS . . . . .	52.1	20.8	5.2	14.5	.1	.3	.7	8.4
2641	PAPER COATING AND GLAZING . . . . .	11.4	7.1	2.2	4.4	(Z)	(Z)	.4	3.1
2642	ENVELOPES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2643	BAGS, EXCEPT TEXTILE BAGS . . . . .	8.0	6.0	.1	5.4	.1	.3	.2	2.7
2644	WALLPAPER . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2645	DIE-CUT PAPER AND BOARD . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2646	PRESSED AND MOLDED PULP GOODS . . . . .	10.6	3.9	2.4	1.3	-	-	.2	1.1
2647	SANITARY PAPER PRODUCTS . . . . .	20.5	3.3	.1	3.2	-	(Z)	-	1.5
2649	CONVERTED PAPER PRODUCTS, NEC . . . . .	.6	.3	.2	(Z)	-	(Z)	(Z)	-
265	PAPERBOARD CONTAINERS AND BOXES . . . . .	14.4	4.5	2.1	2.1	.1	.1	(Z)	1.6
2651	FOLDING PAPERBOARD BOXES . . . . .	6.5	1.6	.4	1.1	-	(Z)	-	1.4
2653	CORRUGATED AND SOLID FIBER BOXES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2654	SANITARY FOOD CONTAINERS . . . . .	5.9	1.4	.7	.5	(Z)	(Z)	-	.1
2655	FIBER CANS, DRUMS, RELATED MATERIAL . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2661	BUILDING PAPER AND BOARD MILLS . . . . .	92.8	26.3	3.6	21.1	1.4	(Z)	.2	6.2
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	9 415.8	4 175.1	181.1	2 301.7	1 573.3	40.3	78.7	674.2
281	INDUSTRIAL CHEMICALS . . . . .	6 656.6	3 166.7	137.5	1 537.8	1 388.5	29.8	73.1	466.0
2812	ALKALIES AND CHLORINE . . . . .	574.3	364.1	47.2	232.3	82.2	.5	1.9	117.3
2813	INDUSTRIAL GASES . . . . .	193.7	80.8	2.7	76.4	.4	1.3	.1	1.4
2815	CYCLIC INTERMEDIATES AND CRUDES . . . . .	366.2	129.0	4.7	56.9	66.7	.6	.2	50.0
2816	INORGANIC PIGMENTS . . . . .	125.8	91.5	1.0	36.0	54.1	.2	.2	21.7
2818	INDUSTRIAL INORGANIC CHEMICALS, NEC . . . . .	3 964.7	2 033.3	39.2	860.4	1 107.9	8.4	17.4	142.2
2819	INDUSTRIAL INORGANIC CHEMICALS, NEC . . . . .	1 432.0	468.0	42.6	275.9	77.3	19.0	53.2	133.4

See footnotes at end of table.



**TABLE 3. Water Intake by Source, Gross Water Used, and Water Discharged by Discharge Point: 1968—Continued**

**A. INDUSTRY GROUPS AND INDUSTRIES—Continued**

(All water data in billions of gallons)

(All water data in billions of gallons)														
Code	Industry group and industry	Value of shipments  (million dollars)	Water intake by source											
			Total	Fresh water						Brackish water				
				Total	From public water systems	From company water systems			Total	From public water systems	From company water systems			
						Surface	Ground	Tidewater			Surface	Ground	Tidewater	
282	PLASTICS MATERIALS AND SYNTHETICS . . . . .	6 403.6	635.0	533.0	39.2	397.7	69.0	27.0	102.0	(Z)	61.5	1.2	39.3	
2821	PLASTICS MATERIALS AND RESINS. . . . .	2 664.5	230.6	190.5	20.6	137.2	32.7	(Z)	40.1	-	-	1.2	38.9	
2822	SYNTHETIC RUBBER . . . . .	891.0	62.4	61.9	9.5	42.8	9.6	-	.5	(Z)	.5	(Z)	-	
2823	CELLULOSIC MANMADE FIBERS. . . . .	901.5	182.2	181.8	2.1	167.3	12.5	-	.3	-	-	-	.3	
2824	ORGANIC FIBERS, NONCELLULOSIC. . . . .	1 946.7	159.8	98.8	7.1	50.4	14.3	27.0	61.0	-	61.0	-	-	
283	DRUGS. . . . .	3 589.1	69.4	39.0	11.0	10.2	17.1	.7	30.4	-	.4	(Z)	30.0	
2831	BIOLOGICAL PRODUCTS. . . . .	64.1	.7	.7	.4	-	.3	-	(Z)	-	-	(Z)	-	
2833	MEDICINALS AND BOTANICALS. . . . .	268.8	39.6	9.2	3.5	.7	5.0	-	30.4	-	.4	-	30.0	
2834	PHARMACEUTICAL PREPARATIONS. . . . .	3 256.1	29.1	29.1	7.0	9.5	11.8	.7	-	-	-	-	-	
284	SOAP, CLEANERS, AND TOILET GOODS . . . . .	2 926.1	32.0	14.0	7.2	2.0	3.7	1.1	18.0	-	4.1	.8	13.2	
2841	SOAP AND OTHER DETERGENTS. . . . .	1 650.2	20.5	8.9	4.0	1.7	2.2	1.1	11.6	-	4.1	.8	6.7	
2842	POLISHES AND SANITATION GOODS. . . . .	296.9	1.0	1.0	1.0	-	-	-	-	-	-	-	-	
2843	SURFACE ACTIVE AGENTS. . . . .	138.4	9.8	3.4	1.7	.4	1.2	-	6.4	-	-	-	6.4	
2844	TOILET PREPARATIONS. . . . .	840.6	.8	.8	.5	-	.3	-	-	-	-	-	-	
2851	PAINTS AND ALLIED PRODUCTS . . . . .	511.4	6.8	6.7	4.9	.8	1.0	-	.1	-	-	.1	(Z)	
2861	GUM AND WOOD CHEMICALS . . . . .	158.8	20.7	19.0	.8	3.9	14.3	-	1.6	-	-	1.6	-	
287	AGRICULTURAL CHEMICALS . . . . .	1 002.5	131.3	87.4	2.0	38.8	46.1	.4	44.0	-	3.3	33.4	7.3	
2871	FERTILIZERS. . . . .	591.9	113.7	70.5	.9	27.8	41.4	.4	43.2	-	3.3	33.4	6.5	
2872	FERTILIZERS, MIXING ONLY . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	
2879	AGRICULTURAL CHEMICALS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	
289	MISCELLANEOUS CHEMICAL PRODUCTS. . . . .	1 288.2	212.6	211.2	28.9	148.4	33.5	.4	1.4	-	.3	.9	.3	
2891	ADHESIVES AND GELATIN. . . . .	164.6	11.8	11.5	1.8	5.0	4.3	.4	.4	-	.3	.1	-	
2892	EXPLOSIVES . . . . .	487.2	152.3	152.3	20.9	123.9	7.5	-	-	-	-	-	-	
2893	PRINTING INK . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	
2895	CARBON BLACK . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	
2899	CHEMICAL PREPARATIONS, NEC. . . . .	485.3	30.1	29.1	5.3	15.7	8.2	-	1.0	-	-	.8	.3	
29	PETROLEUM AND COAL PRODUCTS. . . . .	19 742.5	1 435.1	820.1	181.4	412.2	106.3	120.2	614.9	1.4	255.6	6.8	351.0	
2911	PETROLEUM REFINING . . . . .	19 419.7	1 426.9	812.3	179.3	408.0	104.9	120.0	614.7	1.2	255.6	6.8	351.0	
295	PAVING AND ROOFING MATERIALS . . . . .	243.7	7.5	7.2	1.7	4.2	1.3	-	.3	.3	(Z)	-	-	
2951	PAVING MIXTURES AND BLOCKS . . . . .	13.9	.3	.2	.1	.1	.1	-	(Z)	-	(Z)	-	-	
2952	ASPHALT FELTS AND COATINGS . . . . .	229.8	7.3	7.0	1.6	4.1	1.3	-	.3	.3	-	-	-	
299	MISC. PETROLEUM AND COAL PRODUCTS. . . . .	79.1	.6	.6	.3	-	.1	.2	-	-	-	-	-	
2992	LUBRICATING OILS AND GREASES . . . . .	58.6	.4	.4	.2	-	-	.2	-	-	-	-	-	
2999	PETROLEUM AND COAL PRODUCTS, NEC. . . . .	20.5	.2	.2	.1	-	.1	-	-	-	-	-	-	
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	6 333.8	134.9	130.8	33.1	68.2	29.5	(Z)	4.1	1.1	1.0	.3	1.7	
3011	TIRES AND INNER TUBES. . . . .	3 310.2	61.6	61.6	10.6	37.5	13.5	-	-	-	-	-	-	
3021	RUBBER FOOTWEAR. . . . .	149.0	1.2	.9	.3	.3	.4	-	.3	-	.3	-	-	
3031	RECLAIMED RUBBER . . . . .	23.3	1.7	1.7	.1	1.1	.5	-	-	-	-	-	-	
3069	FABRICATED RUBBER PRODUCTS, NEC. . . . .	1 780.1	43.1	39.7	12.7	23.1	4.0	(Z)	3.4	1.1	.4	.2	1.7	
3079	MISCELLANEOUS PLASTICS PRODUCTS. . . . .	1 071.2	27.3	26.9	9.5	6.2	11.2	(Z)	.4	-	.3	.1	-	
31	LEATHER AND LEATHER PRODUCTS . . . . .	696.3	15.8	15.5	8.2	4.2	2.9	.2	.3	-	.1	.1	(Z)	
3111	LEATHER TANNING AND FINISHING. . . . .	459.3	14.8	14.6	7.6	4.1	2.6	.2	.3	-	.1	.1	(Z)	
3121	INDUSTRIAL LEATHER BELTING . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	
314	FOOTWEAR, EXCEPT RUBBER. . . . .	145.1	.4	.4	.4	(Z)	-	-	-	-	-	-	-	
3141	SHOES, EXCEPT RUBBER . . . . .	145.1	.4	.4	.4	(Z)	-	-	-	-	-	-	-	
3161	LUGGAGE. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	
317	HANDBAGS, PERSONAL LEATHER GOODS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	
3172	PERSONAL LEATHER GOODS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	6 124.3	251.1	214.3	34.9	138.1	40.2	1.1	36.8	.1	7.4	2.0	27.3	
3211	FLAT GLASS . . . . .	549.1	37.5	37.5	4.1	31.9	1.4	-	-	-	-	-	-	
322	GLASS, GLASSWARE, PRESSED OR BLOWN . . . . .	1 706.0	15.5	15.4	10.5	.6	4.3	-	.1	-	-	.1	-	
3221	GLASS CONTAINERS . . . . .	911.8	7.7	7.6	4.7	.6	2.3	-	.1	-	-	.1	-	
3229	PRESSED AND BLOWN GLASS, NEC. . . . .	794.2	7.8	7.8	5.8	.1	2.0	-	-	-	-	-	-	
3231	PRODUCTS OF PURCHASED GLASS. . . . .	416.7	4.7	4.7	1.5	2.5	.8	-	-	-	-	-	-	
3241	CEMENT, HYDRAULIC. . . . .	1 032.0	118.4	104.1	3.4	82.1	17.7	.9	14.3	-	5.2	.2	8.9	
325	STRUCTURAL CLAY PRODUCTS . . . . .	91.5	1.2	1.2	.8	(Z)	.4	(Z)	-	-	-	-	-	
3251	BRICK AND STRUCTURAL CLAY TILE . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	
3253	CERAMIC WALL AND FLOOR TILE. . . . .	30.0	.1	.1	.1	-	-	(Z)	-	-	-	-	-	
3255	CLAY REFRACTORIES. . . . .	47.5	.7	.7	.3	-	.4	-	-	-	-	-	-	
3259	STRUCTURAL CLAY PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	
326	POTTERY AND RELATED PRODUCTS . . . . .	266.1	2.4	1.8	1.4	(Z)	.3	-	.7	-	.1	.6	-	
3261	VITREOUS PLUMBING FIXTURES . . . . .	75.1	1.2	.5	.2	(Z)	.3	-	.7	-	.1	.6	-	
3262	VITREOUS CHINA FOOD UTENSILS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	
3263	FINE EARTHENWARE FOOD UTENSILS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	
3264	PORCELAIN ELECTRICAL SUPPLIES. . . . .	147.8	.7	.7	.7	-	-	-	-	-	-	-	-	
327	CONCRETE, GYPSUM, PLASTER PRODUCTS . . . . .	445.4	17.5	15.3	2.2	4.9	8.0	.2	2.2	.1	1.6	.3	.3	

See footnotes at end of table.

**TABLE 3. Water Intake by Source, Gross Water Used, and Water Discharged by Discharge Point: 1968—Continued**

**A. INDUSTRY GROUPS AND INDUSTRIES—Continued**

(All water data in billions of gallons)

Code	Industry group and industry	Gross water used, including recirculation of reuse	Water discharged, by point of discharge						Treated before discharge (included in total)
			Total	Public utility sewer	Surface water body	Tidewater body	Ground	Transferred to other users	
282	PLASTICS MATERIALS AND SYNTHETICS . . . . .	625.4	581.8	15.3	477.5	85.5	3.0	.4	141.5
2821	PLASTICS MATERIALS AND RESINS . . . . .	500.6	198.8	12.3	131.6	53.6	.9	.4	31.9
2822	SYNTHETIC RUBBER . . . . .	338.1	57.9	2.1	51.2	4.5	.2	(Z)	41.1
2823	CELLULOSIC MANMADE FIBERS . . . . .	393.5	176.4	.3	173.8	.7	1.5	(Z)	34.8
2824	ORGANIC FIBERS, NONCELLULOSIC . . . . .	393.2	148.6	.6	120.9	26.7	.4	(Z)	33.7
283	DRUGS . . . . .	153.2	67.4	9.8	21.7	32.9	2.6	.3	6.3
2831	BIOLOGICAL PRODUCTS . . . . .	1.8	.6	.3	.3	(Z)	-	-	.3
2833	MEDICINALS AND BOTANICALS . . . . .	46.2	39.3	1.1	5.9	32.1	(Z)	.3	3.4
2834	PHARMACEUTICAL PREPARATIONS . . . . .	105.2	27.5	8.5	15.5	.8	2.6	(Z)	2.6
284	SOAP, CLEANERS, AND TOILET GOODS . . . . .	44.8	30.3	5.7	9.3	15.0	.2	.2	.6
2841	SOAP AND OTHER DETERGENTS . . . . .	30.6	19.7	3.4	7.6	8.5	.1	-	.4
2842	POLISHES AND SANITATION GOODS . . . . .	1.0	.5	.1	.3	-	-	(Z)	-
2843	SURFACE ACTIVE AGENTS . . . . .	11.3	9.5	1.7	1.2	6.4	(Z)	.1	.2
2844	TOILET PREPARATIONS . . . . .	1.9	.7	.4	.2	(Z)	(Z)	(Z)	(Z)
2851	PAINTS AND ALLIED PRODUCTS . . . . .	9.8	6.5	4.6	1.7	.2	(Z)	(Z)	.3
2861	GUM AND WOOD CHEMICALS . . . . .	107.6	18.7	.1	6.3	11.6	.2	.6	3.4
287	AGRICULTURAL CHEMICALS . . . . .	525.9	113.9	.9	73.4	38.0	1.6	(Z)	29.9
2871	FERTILIZERS . . . . .	474.1	97.4	.3	58.4	37.2	1.5	(Z)	28.2
2872	FERTILIZERS, MIXING ONLY . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2879	AGRICULTURAL CHEMICALS, NEC . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
289	MISCELLANEOUS CHEMICAL PRODUCTS . . . . .	292.5	189.8	7.3	173.9	1.7	2.8	4.0	26.3
2891	ADHESIVES AND GELATIN . . . . .	18.7	9.2	2.8	4.7	1.2	.6	(Z)	5.6
2892	EXPLOSIVES . . . . .	186.8	143.1	(Z)	137.9	-	1.2	4.0	17.8
2893	PRINTING INK . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2895	CARBON BLACK . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2899	CHEMICAL PREPARATIONS, NEC . . . . .	66.2	28.0	4.0	22.6	.5	.9	(Z)	2.4
29	PETROLEUM AND COAL PRODUCTS . . . . .	290.1	217.0	7.5	668.1	516.2	13.3	11.9	917.7
2911	PETROLEUM REFINING . . . . .	279.2	210.0	5.5	663.4	516.0	13.2	11.9	917.1
295	PAVING AND ROOFING MATERIALS . . . . .	10.2	6.4	1.9	4.5	(Z)	.1	(Z)	.6
2951	PAVING MIXTURES AND BLOCKS . . . . .	.4	.2	(Z)	.1	-	(Z)	-	(Z)
2952	ASPHALT FELTS AND COATINGS . . . . .	9.8	6.3	1.8	4.4	(Z)	(Z)	(Z)	.6
299	MISC. PETROLEUM AND COAL PRODUCTS . . . . .	.7	.5	.2	.2	.1	(Z)	(Z)	(Z)
2992	LUBRICATING OILS AND GREASES . . . . .	.5	.4	.2	.1	.1	(Z)	(Z)	(Z)
2999	PETROLEUM AND COAL PRODUCTS, NEC . . . . .	.3	.1	(Z)	.1	-	(Z)	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	268.5	128.4	22.4	91.9	11.1	2.5	.5	7.3
3011	TIRES AND INNER TUBES . . . . .	143.3	59.5	5.4	53.4	.1	.5	(Z)	3.9
3021	RUBBER FOOTWEAR . . . . .	2.1	1.2	.2	.9	-	(Z)	-	(Z)
3031	RECLAIMED RUBBER . . . . .	2.7	1.7	.2	1.3	-	(Z)	.2	.8
3069	FABRICATED RUBBER PRODUCTS, NEC . . . . .	78.3	40.1	8.2	20.8	9.4	1.6	.1	1.0
3079	MISCELLANEOUS PLASTICS PRODUCTS . . . . .	42.1	26.0	8.4	15.5	1.6	.4	.1	1.6
31	LEATHER AND LEATHER PRODUCTS . . . . .	19.5	14.9	10.2	4.1	.2	.4	(Z)	9.5
3111	LEATHER TANNING AND FINISHING . . . . .	18.5	14.0	9.4	4.1	.2	.4	(Z)	9.5
3121	INDUSTRIAL LEATHER BELTING . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
314	FOOTWEAR, EXCEPT RUBBER . . . . .	.4	.4	.4	(Z)	-	(Z)	-	-
3141	SHOES, EXCEPT RUBBER . . . . .	.4	.4	.4	(Z)	-	(Z)	-	-
3161	LUGGAGE . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
317	HANDBAGS, PERSONAL LEATHER GOODS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3172	PERSONAL LEATHER GOODS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	412.8	218.4	20.4	155.2	30.0	11.6	1.2	36.3
3211	FLAT GLASS . . . . .	71.4	36.1	2.4	33.6	-	(Z)	(Z)	4.9
322	GLASS, GLASSWARE, PRESSED OR BLOWN . . . . .	61.6	14.0	4.0	8.1	1.0	.8	(Z)	4.0
3221	GLASS CONTAINERS . . . . .	18.5	6.8	2.1	3.0	1.0	.7	(Z)	2.6
3229	PRESSED AND BLOWN GLASS, NEC . . . . .	43.1	7.1	1.9	5.0	-	.1	(Z)	1.4
3231	PRODUCTS OF PURCHASED GLASS . . . . .	7.4	4.7	1.1	3.5	-	-	.2	.6
3241	CEMENT, HYDRAULIC . . . . .	157.2	99.4	1.4	85.6	7.4	4.6	.4	1.9
325	STRUCTURAL CLAY PRODUCTS . . . . .	1.6	1.0	.3	.4	(Z)	.3	(Z)	(Z)
3251	BRICK AND STRUCTURAL CLAY TILE . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3253	CERAMIC WALL AND FLOOR TILE . . . . .	.1	.1	(Z)	(Z)	-	(Z)	-	(Z)
3255	CLAY REFRACTORIES . . . . .	1.1	.6	.2	.4	-	.1	(Z)	(Z)
3259	STRUCTURAL CLAY PRODUCTS, NEC . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
326	POTTERY AND RELATED PRODUCTS . . . . .	6.9	2.0	1.0	.9	.1	.1	(Z)	.2
3261	VITREOUS PLUMBING FIXTURES . . . . .	4.3	1.0	.7	.3	-	(Z)	(Z)	.1
3262	VITREOUS CHINA FOOD UTENSILS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3263	FINE EARTHENWARE FOOD UTENSILS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3264	PORCELAIN ELECTRICAL SUPPLIES . . . . .	2.0	.4	.2	.1	.1	(Z)	-	.1
327	CONCRETE, GYPSUM, PLASTER PRODUCTS . . . . .	21.9	13.8	.8	7.0	2.0	3.9	.1	3.9

See footnotes at end of table.



**TABLE 3. Water Intake by Source, Gross Water Used, and Water Discharged by Discharge Point: 1968—Continued**

**A. INDUSTRY GROUPS AND INDUSTRIES—Continued**

(All water data in billions of gallons)

Code	Industry group and industry	Value of shipments  (million dollars)	Water intake by source											
			Total	Fresh water						Brackish water				
				Total	From public water systems	From company water systems			Total	From public water systems	From company water systems			
						Surface	Ground	Tidewater			Surface	Ground	Tidewater	
3271	CONCRETE BLOCK AND BRICK . . . . .	(D)	(D)	(O)	(D)	(D)	(D)	(O)	(D)	(D)	(D)	(D)	(D)	(D)
3272	CONCRETE PRDDUCTS, NEC . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(O)	(D)	(D)	(D)
3273	READY-MIXEO CONCRETE . . . . .	88.7	7.9	6.1	.5	1.8	3.8	.1	1.8	.1	1.6	.2	-	-
3274	LIME . . . . .	87.9	4.9	4.7	.4	1.3	3.0	-	.2	-	(Z)	-	-	.1
3275	GYPSPUM PRODUCTS. . . . .	250.1	4.3	4.0	1.3	1.8	.8	.1	.3	-	-	.1	-	.2
3281	CUT STDNE AND STONE PRDDUCTS . . . . .	56.6	4.2	4.2	1.5	2.3	.3	-	-	-	-	-	-	-
329	MISC. NONMETALLIC MINERAL PRODUCTS	1 561.0	49.6	30.2	9.5	13.6	7.1	-	19.4	-	.5	.8	18.1	-
3291	ABRASIVE PRODUCTS. . . . .	534.3	5.4	5.4	1.7	1.8	1.9	-	-	-	-	-	-	-
3292	ASBESTDS PRODUCTS. . . . .	393.6	8.0	7.8	3.2	3.3	1.3	-	.2	-	.1	.1	-	-
3293	GASKETS AND INSULATIONS. . . . .	133.3	2.7	2.7	.6	1.7	.4	-	-	-	-	-	-	-
3295	MINERALS, GROUND DR TREATED. . . . .	50.4	22.6	5.4	.5	3.5	1.4	-	17.2	-	.4	.7	16.0	-
3296	MINERAL WDDL . . . . .	348.4	6.5	6.5	2.7	2.2	1.5	-	-	-	-	-	-	-
3297	NONCLAY REFRACTORIES . . . . .	81.5	3.6	1.6	.7	.4	.5	-	2.0	-	-	-	-	2.0
3299	NONMETALLIC MINERAL PRDDUCTS, NEC. . . . .	19.4	.8	.8	.1	.6	.1	-	(Z)	-	(Z)	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	34 802.9	5 004.7	4 486.2	195.8	4 164.9	125.4	(Z)	518.4	.1	115.9	7.1	395.4	-
331	BLAST FURNACE, BASIC STEEL PRDD. . . . .	20 813.5	4 391.6	4 030.1	106.3	3 869.7	54.1	(Z)	361.5	-	103.1	.1	258.4	-
3312	BLAST FURNACES AND STEEL MILLS . . . . .	18 942.1	4 070.7	3 712.2	96.6	3 566.7	48.9	(Z)	358.5	-	100.2	(Z)	258.3	-
3313	ELECTROMETALLURGICAL PRODUCTS. . . . .	411.4	298.2	298.2	.8	295.7	1.7	-	-	-	-	-	-	-
3315	STEEL WIRE AND RELATED PRDDUCTS. . . . .	398.2	7.1	7.1	3.7	2.5	.9	-	-	-	-	-	-	-
3316	COLD FINISHING DF STEEL SHAPES . . . . .	599.9	8.3	8.3	2.8	3.7	1.8	-	(Z)	-	(Z)	-	(Z)	-
3317	STEEL PIPE AND TUBES . . . . .	461.9	7.3	4.3	2.4	1.1	.8	-	3.0	-	2.9	.1	-	-
332	IRON AND STEEL FOUNDRIES . . . . .	2 138.0	48.7	37.7	18.4	14.7	4.6	-	11.0	-	10.9	(Z)	.1	-
3321	GRAY IRON FOUNDRIES. . . . .	1 340.7	36.4	26.2	12.6	11.2	2.4	-	10.2	-	10.2	-	-	-
3322	MALLEABLE IRON FOUNDRIES . . . . .	257.5	6.0	5.3	2.1	1.8	1.4	-	.7	-	.7	-	-	-
3323	STEEL FOUNDRIES. . . . .	539.8	6.3	6.2	3.7	1.7	.8	-	.1	-	-	(Z)	.1	-
333	PRIMARY NONFERRDUS METALS. . . . .	3 030.0	442.2	298.3	19.6	235.7	43.1	-	143.9	-	1.6	5.9	136.4	-
3331	PRIMARY CDPFER . . . . .	717.7	58.0	37.8	6.2	24.5	7.1	-	20.2	-	-	5.8	14.3	-
3332	PRIMARY LEAD . . . . .	187.0	7.2	6.9	.4	.8	5.7	-	.3	-	-	-	.3	-
3333	PRIMARY ZINC . . . . .	303.9	47.4	45.8	6.5	29.5	9.8	-	1.6	-	1.6	-	-	-
3334	PRIMARY ALUMINUM . . . . .	1 614.2	204.9	203.7	5.8	178.6	19.3	-	1.2	-	-	(Z)	1.2	-
3339	PRIMARY NONFERROUS METALS, NEC . . . . .	207.1	124.7	4.1	.7	2.3	1.2	-	120.6	-	(Z)	-	120.6	-
3341	SECNDNARY NONFERROUS METALS. . . . .	396.0	1.6	1.5	.8	.5	.2	-	.1	-	-	.1	-	-
335	NONFERRDUS ROLLING AND ORAWING . . . . .	6 779.4	96.7	95.0	33.8	42.1	19.1	-	1.6	-	.3	.8	.5	-
3351	CDPFER ROLLING AND DRAWING . . . . .	1 930.8	38.1	36.7	13.9	17.5	5.2	-	1.4	-	.3	.7	.5	-
3352	ALUMINUM ROLLING AND ORAWING . . . . .	2 185.5	31.2	31.2	4.8	17.2	9.2	-	(Z)	-	-	(Z)	-	-
3356	NONFERRDUS ROLLING ANDO DRAWING, NEC. . . . .	572.1	11.6	11.5	4.5	3.5	3.4	-	.2	-	-	.2	-	-
3357	NONFERRDUS WIREDRAWING, INSULATING . . . . .	2 090.9	15.7	15.7	10.5	3.9	1.3	-	(Z)	-	-	-	(Z)	-
336	NDNFERRDUS FOUNDRIES . . . . .	609.4	11.0	11.0	8.4	1.4	1.1	-	-	-	-	-	-	-
3361	ALUMINUM CASTINGS. . . . .	332.3	8.6	8.6	6.6	1.4	.6	-	-	-	-	-	-	-
3362	BRASS, BRONZE, AND COPPER CASTINGS . . . . .	113.8	.9	.9	.8	-	.2	-	-	-	-	-	-	-
3369	NDNFERRDUS CASTINGS, NEC . . . . .	163.4	1.5	1.5	1.0	(Z)	.4	-	-	-	-	-	-	-
339	MISC. PRIMARY METAL PRODUCTS . . . . .	1 036.6	12.9	12.6	8.5	.9	3.2	(Z)	.3	.1	-	.3	-	-
3391	IRDN AND STEEL FORGINGS. . . . .	682.2	7.1	6.9	5.2	.4	1.4	-	.2	.1	-	.2	-	-
3392	NDNFERRDUS FRDGINGS. . . . .	255.9	2.1	2.1	1.4	.6	.1	(Z)	-	-	-	-	-	-
3399	PRIMARY METAL PRODUCTS, NEC. . . . .	98.4	3.7	3.6	1.9	-	1.7	-	.1	-	-	.1	-	-
34	FABRICATED METAL PRODUCTS. . . . .	10 137.0	67.7	62.4	47.1	3.0	12.1	.2	5.3	.1	.7	.2	4.4	-
3411	METAL CANS . . . . .	898.0	1.9	1.9	1.6	-	.3	-	-	-	-	-	-	-
342	CUTLERY, HANDTDOLS, AND HARDWARE . . . . .	1 705.5	16.7	12.1	9.6	.7	1.8	-	4.6	-	.3	-	4.3	-
3421	CUTLERY. . . . .	270.7	5.6	1.2	.8	.3	(Z)	-	4.3	-	-	-	4.3	-
3423	HANO AND EDGE TDOLS, NEC . . . . .	200.0	1.4	1.4	.9	.3	.3	-	-	-	-	-	-	-
3425	HANOSAWS AND SAW BLADES. . . . .	49.6	.4	.4	.2	-	.2	-	-	-	-	-	-	-
3429	HARDWARE, NEC. . . . .	1 185.2	9.3	9.0	7.6	.1	1.2	-	.3	-	.3	-	-	-
343	PLUMBING AND HEATING EXC. ELECTRIC . . . . .	537.0	4.6	4.5	3.9	(Z)	.6	-	.1	-	.1	-	-	-
3431	METAL SANITARY WARE. . . . .	163.3	2.3	2.3	2.0	-	.3	-	.1	-	.1	-	-	-
3432	PLUMBING FITTINGS ANDO BRASS GDDS. . . . .	165.2	.9	.9	.7	(Z)	.2	-	-	-	-	-	-	-
3433	HEATING EQUIPMENT, EXCEPT ELECTRIC . . . . .	208.5	1.4	1.4	1.3	(Z)	.1	-	-	-	-	-	-	-
344	FABRICATEO STRUCTURAL METAL PRDD. . . . .	1 393.8	6.3	6.2	4.1	.1	2.0	-	.1	-	(Z)	(Z)	.1	-
3441	FABRICATED STRUCTURAL STEEL. . . . .	244.4	1.4	1.4	.3	-	1.1	-	.1	-	-	(Z)	.1	-
3442	METAL DDDRS, SASH, AND TRIM. . . . .	141.3	1.4	1.4	.9	.1	.4	-	-	-	-	-	-	-
3443	FABRICATED PLATEWRK (BOILER SHOPS). . . . .	692.5	2.3	2.3	2.1	.1	.1	-	(Z)	-	(Z)	-	-	-
3444	SHEET METALWRK. . . . .	172.1	.7	.7	.6	-	.2	-	-	-	-	-	-	-
3446	ARCHITECTURAL METALWORK. . . . .	(D)	(D)	(O)	(O)	(D)	(D)	(D)	(O)	(O)	(D)	(D)	(D)	(D)
3449	MISCELLANEOUS METALWORK. . . . .	(D)	(D)	(D)	(D)	(D)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(D)
345	SCREW MACHINE PRODUCTS, BDLTS, ETC . . . . .	735.9	5.5	5.5	4.7	.2	.7	(Z)	-	-	-	-	-	-
3451	SCREW MACHINE PRDDUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(O)	(D)	(O)	(D)	(O)	(D)	(D)	(D)
3452	BDLTS, NUTS, RIVETS, AND WASHERS . . . . .	(D)	(D)	(D)	(D)	(O)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3461	METAL STAMPINGS. . . . .	3 135.5	14.1	13.7	10.8	1.1	1.6	.2	.3	-	.3	.1	-	-
347	METAL SERVICES, NEC. . . . .	139.7	8.1	7.9	5.6	.3	1.9	-	.2	.1	-	.1	-	-
3471	PLATING ANDO PDLISHING. . . . .	107.6	7.5	7.3	5.3	.3	1.7	-	.2	.1	-	.1	-	-
3479	METAL COATING AND ALLIEO SERVICES. . . . .	32.1	.6	.6	.3	(Z)	.3	-	-	-	-	-	-	-
3481	MISC. FABRICATED WIRE PRODUCTS . . . . .	138.5	1.4	1.4	.9	-	.5	-	-	-	-	-	-	-
349	MISC. FABRICATEO METAL PRDDUCTS. . . . .	1 453.0	9.2	9.2	6.0	.5	2.6	-	(Z)	-	-	(Z)	-	-
3491	METAL BARRELS, DRUMS, AND PAILS. . . . .	51.5	.5	.5	.3	-	.2	-	-	-	-	-	-	-
3492	SAFES AND VAULTS . . . . .	(D)	(D)	(O)	(D)	(D)	(O)	(D)	(D)	(D)	(D)	(O)	(O)	(O)
3493	STEEL SPRINGS. . . . .	38.5	.5	.5	.2	.2	.1	-	-	-	-	-	-	-
3494	VALVES AND PIPE FITTINGS . . . . .	744.7	4.5	4.5	3.8	.1	.6	-	(Z)	-	-	(Z)	-	-
3496	COLLAPSIBLE TUBES. . . . .	(O)	(D)	(O)	(O)	(O)	(O)	(O)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.



**TABLE 3. Water Intake by Source, Gross Water Used, and Water Discharged by Discharge Point: 1968—Continued**

**A. INDUSTRY GROUPS AND INDUSTRIES—Continued**

(All water data in billions of gallons)

Code	Industry group and industry	Gross water used, including recirculation or reuse	Water discharged, by point of discharge						Treated before discharge (included in total)
			Total	Public utility sewer	Surface water body	Tidewater body	Ground	Transferred to other users	
3271	CONCRETE BLOCK AND BRICK . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
3272	CONCRETE PRODUCTS, NEC . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
3273	READY-MIXED CONCRETE . . . . .	9.2	7.2	.3	3.3	1.3	2.2	(2)	1.8
3274	LIME . . . . .	7.0	3.5	.2	1.8	.2	1.3	(2)	1.5
3275	GYPSUM PRODUCTS . . . . .	5.0	2.9	.2	1.9	.5	.3	(2)	.5
3281	CUT STONE AND STONE PRODUCTS . . . . .	4.9	4.0	.5	3.4	-	(2)	-	.9
329	MISC. NONMETALLIC MINERAL PRODUCTS	79.9	43.4	8.9	12.7	19.5	1.9	.5	20.0
3291	ABRASIVE PRODUCTS . . . . .	8.4	5.2	3.5	1.6	-	.1	-	.3
3292	ASBESTOS PRODUCTS . . . . .	17.0	6.4	.8	4.9	.2	.6	-	2.2
3293	GASKETS AND INSULATIONS . . . . .	3.6	2.1	.4	1.6	(2)	.1	-	.4
3295	MINERALS, GROUND OR TREATED . . . . .	25.0	21.4	.1	3.5	16.8	.8	.2	12.6
3296	MINERAL WOOL . . . . .	16.7	4.4	3.4	.8	.1	.1	(2)	2.3
3297	NONCLAY REFRACTORIES . . . . .	7.2	3.6	.6	.3	2.3	(2)	.2	2.1
3299	NONMETALLIC MINERAL PRODUCTS, NEC . . . . .	2.0	.3	.1	(2)	.1	.1	-	(2)
33	PRIMARY METAL INDUSTRIES . . . . .	7 779.8	4 695.5	143.3	4 039.5	455.3	38.1	19.3	1 430.9
331	BLAST FURNACE, BASIC STEEL PROO . . . . .	6 504.3	4 128.8	77.7	3 703.9	313.4	24.2	9.6	1 355.2
3312	BLAST FURNACES AND STEEL MILLS . . . . .	6 154.0	3 811.1	69.1	3 399.9	313.1	23.4	5.5	1 300.8
3313	ELECTROMETALLURGICAL PRODUCTS . . . . .	320.3	296.1	.4	291.2	-	.5	4.1	52.7
3315	STEEL WIRE AND RELATED PRODUCTS . . . . .	9.6	7.1	3.3	3.6	.1	.1	(2)	1.0
3316	COLOR FINISHING OF STEEL SHAPES . . . . .	9.8	7.8	2.5	5.0	.1	.1	(2)	.2
3317	STEEL PIPE AND TUBES . . . . .	10.6	6.8	2.5	4.2	-	.1	(2)	.7
332	IRON AND STEEL FOUNDRIES . . . . .	82.3	39.0	15.3	22.9	.2	.5	(2)	14.0
3321	GRAY IRON FOUNDRIES . . . . .	58.9	27.7	11.6	15.7	.2	.3	(2)	10.6
3322	MALLEABLE IRON FOUNDRIES . . . . .	13.7	5.3	1.4	3.9	-	.1	-	2.2
3323	STEEL FOUNDRIES . . . . .	9.7	5.9	2.3	3.4	(2)	.2	(2)	1.2
333	PRIMARY NONFERROUS METALS . . . . .	917.0	412.1	12.4	243.3	139.6	10.5	6.4	36.7
3331	PRIMARY COPPER . . . . .	168.1	37.3	1.7	10.8	12.5	8.9	3.4	11.9
3332	PRIMARY LEAD . . . . .	15.0	6.7	(2)	6.6	-	(2)	(2)	2.2
3333	PRIMARY ZINC . . . . .	77.7	44.1	2.2	39.8	(2)	.3	1.8	3.9
3334	PRIMARY ALUMINUM . . . . .	513.3	199.9	8.2	184.2	5.1	1.3	1.1	18.3
3339	PRIMARY NONFERROUS METALS, NEC . . . . .	142.9	124.1	.2	1.9	122.0	(2)	(2)	.4
3341	SECONDARY NONFERROUS METALS . . . . .	3.3	1.5	.6	.7	.2	(2)	(2)	.7
335	NONFERROUS ROLLING AND DRAWING . . . . .	222.5	91.6	21.7	63.7	1.5	1.4	3.2	22.7
3351	COPPER ROLLING AND DRAWING . . . . .	54.5	37.3	10.0	26.5	(2)	.8	.1	8.1
3352	ALUMINUM ROLLING AND DRAWING . . . . .	111.8	30.5	3.4	26.7	.1	.3	-	13.7
3356	NONFERROUS ROLLING AND DRAWING, NEC . . . . .	22.9	9.3	1.6	4.2	.2	.1	3.1	.6
3357	NONFERROUS WIREDRAWING, INSULATING . . . . .	33.3	14.5	6.8	6.3	1.2	.2	(2)	.4
336	NONFERROUS FOUNDRIES . . . . .	26.9	10.8	8.8	1.8	(2)	.2	(2)	1.0
3361	ALUMINUM CASTINGS . . . . .	17.9	8.4	7.3	1.1	(2)	.1	(2)	.2
3362	BRASS, BRONZE, AND COPPER CASTINGS . . . . .	1.4	.9	.7	.2	-	(2)	(2)	.1
3369	NONFERROUS CASTINGS, NEC . . . . .	7.6	1.5	.8	.5	-	(2)	-	.6
339	MISC. PRIMARY METAL PRODUCTS . . . . .	23.5	11.6	6.8	3.1	.4	1.3	(2)	.6
3391	IRON AND STEEL FORGINGS . . . . .	13.2	5.9	3.5	1.9	.4	.2	(2)	.4
3392	NONFERROUS FORGINGS . . . . .	5.4	2.0	1.3	.7	(2)	(2)	-	(2)
3399	PRIMARY METAL PRODUCTS, NEC . . . . .	4.9	3.7	2.0	.5	-	1.1	(2)	.1
34	FABRICATED METAL PRODUCTS . . . . .	168.9	65.0	38.6	18.0	4.9	3.5	(2)	9.0
3411	METAL CANS . . . . .	2.2	1.8	1.5	(2)	.1	.2	-	.1
342	CUTLERY, HANDTOOLS, AND HARDWARE . . . . .	30.1	16.0	7.9	3.4	4.5	.2	-	2.3
3421	CUTLERY . . . . .	7.4	5.6	.7	.5	4.4	-	-	.4
3423	HAND AND EDGE TOOLS, NEC . . . . .	2.2	1.4	.7	.4	-	.2	-	(2)
3425	HANDSAWS AND SAW BLADES . . . . .	.6	.4	.1	.3	-	(2)	-	(2)
3429	HARDWARE, NEC . . . . .	19.9	8.7	6.4	2.2	(2)	(2)	-	1.8
343	PLUMBING AND HEATING EXC. ELECTRIC . . . . .	7.0	4.2	3.2	.9	-	.2	(2)	.5
3431	METAL SANITARY WARE . . . . .	4.2	2.1	1.6	.3	-	.2	-	.2
3432	PLUMBING FITTINGS AND BRASS GOODS . . . . .	1.2	.8	.6	.2	-	-	(2)	.1
3433	HEATING EQUIPMENT, EXCEPT ELECTRIC . . . . .	1.6	1.3	.9	.4	-	-	-	.2
344	FABRICATED STRUCTURAL METAL PRODD . . . . .	10.5	6.1	3.1	2.5	.2	.2	(2)	.6
3441	FABRICATED STRUCTURAL STEEL . . . . .	2.0	1.4	.5	.8	.1	(2)	(2)	(2)
3442	METAL DOORS, SASH, AND TRIM . . . . .	3.3	1.3	.4	.8	.1	-	-	.3
3443	FABRICATED PLATEWORK (BOILER SHOPS) . . . . .	3.7	2.3	1.5	.7	(2)	.1	-	.1
3444	SHEET METALWORK . . . . .	1.1	.7	.5	.2	-	-	(2)	.2
3446	ARCHITECTURAL METALWORK . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
3449	MISCELLANEOUS METALWORK . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
345	SCREW MACHINE PRODUCTS, BOLTS, ETC . . . . .	7.5	5.3	3.8	1.4	.1	(2)	(2)	.8
3451	SCREW MACHINE PRODUCTS . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
3452	BOLTS, NUTS, RIVETS, AND WASHERS . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
3461	METAL STAMPINGS . . . . .	82.0	13.6	7.4	4.3	-	2.0	(2)	1.3
347	METAL SERVICES, NEC . . . . .	9.3	8.0	5.9	1.7	(2)	.4	(2)	2.0
3471	PLATING AND POLISHING . . . . .	8.7	7.4	5.6	1.6	(2)	.1	(2)	1.9
3479	METAL COATING AND ALLIED SERVICES . . . . .	.6	.6	.3	(2)	-	.3	-	.1
3481	MISC. FABRICATED WIRE PRODUCTS . . . . .	1.8	1.3	.8	.5	-	(2)	-	.1
349	MISC. FABRICATED METAL PRODUCTS . . . . .	18.4	8.7	5.1	3.2	.1	.3	-	1.3
3491	METAL BARRELS, DRUMS, AND PAILS . . . . .	.6	.5	.3	-	(2)	.1	-	(2)
3492	SAVES AND VAULTS . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
3493	STEEL SPRINGS . . . . .	.6	.5	.1	.4	-	(2)	-	.1
3494	VALVES AND PIPE FITTINGS . . . . .	6.2	4.3	2.8	1.4	(2)	.1	-	.8
3496	COLLAPSIBLE TUBES . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

See footnotes at end of table.

**TABLE 3. Water Intake by Source, Gross Water Used, and Water Discharged by Discharge Point: 1968—Continued**

**A. INDUSTRY GROUPS AND INDUSTRIES—Continued**

(All water data in billions of gallons)

Code	Industry group and industry	Value of shipments  (million dollars)	Water intake by source										
			Total	Fresh water						Brackish water			
				Total	From public water systems	From company water systems			Total	From public water systems	From company water systems		
						Surface	Ground	Tidewater			Surface	Ground	Tidewater
3497	METAL FOIL AND LEAF . . . . .	249.5	1.6	1.6	.6	-	1.1	-	-	-	-	-	-
3498	FABRICATED PIPE AND FITTINGS . . . . .	39.5	.2	.2	.2	-	(Z)	-	-	-	-	-	-
3499	FABRICATED METAL PRODUCTS, NEC . . . . .	266.2	1.7	1.7	.9	.3	.6	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	19 964.6	189.0	164.2	49.0	90.2	18.3	6.7	24.8	(Z)	1.2	(Z)	23.5
351	ENGINES AND TURBINES . . . . .	2 582.3	85.9	64.8	8.3	47.2	2.6	6.7	21.1	-	.1	-	21.0
3511	STEAM ENGINES AND TURBINES . . . . .	1 001.1	75.1	54.1	2.4	45.0	(Z)	6.7	21.0	-	-	-	21.0
3519	INTERNAL COMBUSTION ENGINES, NEC . . . . .	1 581.2	10.8	10.7	5.9	2.2	2.6	-	.1	-	.1	-	-
3522	FARM MACHINERY . . . . .	2 304.9	32.1	31.2	6.9	22.9	1.4	-	.9	-	.9	-	-
353	CONSTRUCTION AND RELATED MACHINERY . . . . .	3 567.0	20.7	20.7	7.2	9.5	4.0	-	-	-	-	-	-
3531	CONSTRUCTION MACHINERY . . . . .	2 434.1	15.2	15.2	3.2	8.8	3.2	-	-	-	-	-	-
3532	MINING MACHINERY . . . . .	261.3	.8	.8	.5	.3	(Z)	-	-	-	-	-	-
3533	DILFIELD MACHINERY . . . . .	206.1	1.5	1.5	.4	.4	.7	-	-	-	-	-	-
3534	ELEVATORS AND MOVING STAIRWAYS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3535	CONVEYORS AND CONVEYING EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3536	HOISTS, CRANES, AND MONORAILS . . . . .	179.7	2.5	2.5	2.5	(Z)	(Z)	-	-	-	-	-	-
3537	INDUSTRIAL TRUCKS AND TRACTORS . . . . .	359.2	.4	.4	.3	-	.1	-	-	-	-	-	-
354	METALWORKING MACHINERY . . . . .	1 839.4	7.1	6.8	4.9	.5	1.5	(Z)	.3	-	.2	(Z)	-
3541	MACHINE TOOLS, METAL-CUTTING TYPES . . . . .	902.2	3.4	3.4	2.5	.1	.7	-	-	-	-	-	-
3542	MACHINE TOOLS, METAL-FORMING TYPES . . . . .	144.9	.2	.2	.2	-	(Z)	-	-	-	-	-	-
3544	SPECIAL DIES, TOOLS, JIGS, FIXTURES . . . . .	54.1	.7	.5	.4	-	.1	-	.2	-	.2	-	-
3545	MACHINE TOOL ACCESSORIES . . . . .	309.9	.9	.9	.8	(Z)	(Z)	-	-	-	-	-	-
3548	METALWORKING MACHINERY, NEC . . . . .	428.4	1.9	1.9	.9	.3	.6	(Z)	(Z)	-	(Z)	(Z)	-
355	SPECIAL INDUSTRY MACHINERY . . . . .	905.0	7.1	4.5	3.3	.8	.4	-	2.5	(Z)	-	-	2.5
3551	FOOD PRODUCTS MACHINERY . . . . .	83.2	.2	.2	.1	-	(Z)	-	-	-	-	-	-
3552	TEXTILE MACHINERY . . . . .	203.0	2.3	2.3	1.5	.6	.2	-	-	-	-	-	-
3553	WOODWORKING MACHINERY . . . . .	77.8	.3	.3	.2	-	(Z)	-	-	-	-	-	-
3554	PAPER INDUSTRIES MACHINERY . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3555	PRINTING TRADES MACHINERY . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3559	SPECIAL INDUSTRY MACHINERY, NEC . . . . .	405.5	3.9	1.4	1.1	.2	.1	-	2.5	(Z)	-	-	2.5
356	GENERAL INDUSTRIAL MACHINERY . . . . .	2 620.2	12.3	12.3	6.4	.7	5.2	-	(Z)	-	(Z)	-	-
3561	PUMPS AND COMPRESSORS . . . . .	947.4	2.9	2.9	2.0	.2	.7	-	-	-	-	-	-
3562	BALL AND ROLLER BEARINGS . . . . .	987.1	5.4	5.4	2.5	.5	2.4	-	-	-	-	-	-
3564	BLOWERS AND FANS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3566	POWER TRANSMISSION EQUIPMENT . . . . .	478.3	2.7	2.7	1.1	-	1.6	-	(Z)	-	(Z)	-	-
3567	INDUSTRIAL FURNACES AND OVENS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3569	GENERAL INDUSTRIAL MACHINERY, NEC . . . . .	50.0	.8	.8	.5	-	.3	-	-	-	-	-	-
357	OFFICE AND COMPUTING MACHINES . . . . .	3 587.8	13.4	13.4	3.7	8.5	1.1	(Z)	-	-	-	-	-
3572	TYPEWRITERS . . . . .	496.8	2.0	2.0	1.3	-	.7	-	-	-	-	-	-
3573	ELECTRONIC COMPUTING EQUIPMENT . . . . .	2 606.5	10.5	10.5	1.5	8.5	.4	(Z)	-	-	-	-	-
3574	CALCULATING AND ACCOUNTING MACHINES . . . . .	198.1	.5	.5	.5	-	-	-	-	-	-	-	-
3576	SCALES AND BALANCES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3579	OFFICE MACHINES, NEC . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
358	SERVICE INDUSTRY MACHINES . . . . .	2 047.8	6.5	6.5	5.6	(Z)	.9	-	-	-	-	-	-
3581	AUTOMATIC MERCHANDISING MACHINES . . . . .	90.1	.2	.2	.1	(Z)	.1	-	-	-	-	-	-
3582	COMMERCIAL LAUNDRY EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3585	REFRIGERATION MACHINERY . . . . .	1 745.5	5.7	5.7	5.0	-	.7	-	-	-	-	-	-
3586	MEASURING AND DISPENSING PUMPS . . . . .	114.8	.3	.3	.3	-	-	-	-	-	-	-	-
3589	SERVICE INDUSTRY MACHINES, NEC . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3599	MISC. MACHINERY, EXCEPT ELECTRICAL . . . . .	510.2	4.0	4.0	2.7	(Z)	1.3	-	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	24 121.4	126.6	125.1	88.2	16.4	20.0	.5	1.5	.4	.6	.2	.4
361	ELECTRIC TEST, DISTRIBUTING EQUIP. . . . .	2 059.8	10.9	10.8	7.1	3.3	.4	-	.2	-	-	-	-
3611	ELECTRIC MEASURING INSTRUMENTS . . . . .	521.0	1.9	1.9	1.3	.4	.2	-	-	-	-	-	-
3612	TRANSFORMERS . . . . .	742.2	4.8	4.8	3.4	1.3	(Z)	-	-	-	-	-	-
3613	SWITCHGEAR AND SWITCHBOARD APPARATUS . . . . .	796.7	4.3	4.1	2.4	1.6	.2	(Z)	.2	-	-	.2	-
362	ELECTRICAL INDUSTRIAL APPARATUS . . . . .	2 267.2	18.4	18.4	12.7	3.6	2.1	-	-	-	-	-	-
3621	MOTORS AND GENERATORS . . . . .	1 227.6	10.8	10.8	6.2	2.9	1.7	-	-	-	-	-	-
3622	INDUSTRIAL CONTROLS . . . . .	579.6	2.7	2.7	2.6	-	.1	-	-	-	-	-	-
3623	WELDING APPARATUS . . . . .	144.4	.2	.2	.2	-	-	-	-	-	-	-	-
3624	CARBON AND GRAPHITE PRODUCTS . . . . .	205.0	3.0	3.0	2.7	.2	.1	-	-	-	-	-	-
3629	ELECTRICAL INDUSTRIAL APPARATUS, NEC . . . . .	110.7	1.7	1.7	1.0	.6	.2	-	-	-	-	-	-
363	HOUSEHOLD APPLIANCES . . . . .	3 707.7	25.1	24.7	16.7	(Z)	8.0	-	.4	-	-	-	.4
3631	HOUSEHOLD COOKING EQUIPMENT . . . . .	277.3	.9	.9	.8	-	.1	-	-	-	-	-	-
3632	HOUSEHOLD REFRIGERATORS AND FREEZERS . . . . .	1 406.0	13.1	13.1	6.0	-	7.1	-	-	-	-	-	-
3633	HOUSEHOLD LAUNDRY EQUIPMENT . . . . .	891.0	3.2	3.2	3.0	(Z)	.2	-	-	-	-	-	-
3634	ELECTRIC HOUSEWARES AND FANS . . . . .	547.6	4.2	4.2	3.9	-	.3	-	-	-	-	-	-
3635	HOUSEHOLD VACUUM CLEANERS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3636	SEWING MACHINES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3639	HOUSEHOLD APPLIANCES, NEC . . . . .	248.3	1.1	1.1	1.1	-	-	-	-	-	-	-	-
364	ELECT. LIGHTING, AND WIRING EQUIP. . . . .	1 581.9	8.3	7.9	6.4	.1	1.4	-	.4	.4	(Z)	-	-
3641	ELECTRIC LAMPS . . . . .	488.8	1.7	1.7	1.3	-	.4	-	-	-	-	-	-
3642	LIGHTING FIXTURES . . . . .	435.0	3.0	2.6	2.2	-	.4	-	.4	.4	-	-	-
3643	CURRENT-CARRYING WIRING DEVICES . . . . .	392.5	1.8	1.8	1.5	.1	.1	-	(Z)	-	(Z)	-	-
3644	NONCURRENT-CARRYING WIRING DEVICES . . . . .	265.6	1.9	1.9	1.3	-	.5	-	-	-	-	-	-
365	RADIO AND TV RECEIVING EQUIPMENT . . . . .	1 921.8	4.2	4.2	3.2	(Z)	.9	(Z)	-	-	-	-	-
3651	RADIO AND TV RECEIVING SETS . . . . .	1 766.1	2.7	2.7	2.4	(Z)	.3	(Z)	-	-	-	-	-
3652	PHONOGRAPH RECORDS . . . . .	155.6	1.5	1.5	.8	(Z)	.6	(Z)	-	-	-	-	-
366	COMMUNICATION EQUIPMENT . . . . .	7 006.4	22.7	22.7	12.7	6.8	3.1	(Z)	(Z)	-	-	(Z)	-
3661	TELEPHONE AND TELEGRAPH APPARATUS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3662	RADIO AND TV COMMUNICATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
367	ELECTRONIC COMPONENTS, ACCESSORIES . . . . .	4 008.6	21.1	21.1	15.4	1.8	3.3	.5	-	-	-	-	-

See footnotes at end of table.



TABLE 3. Water Intake by Source, Gross Water Used, and Water Discharged by Discharge Point: 1968—Continued

A. INDUSTRY GROUPS AND INDUSTRIES—Continued

(All water data in billions of gallons)

Code	Industry group and industry	Gross water used, including recirculation or reuse	Water discharged, by point of discharge					Treated before discharge (included in total)
			Total	Public utility sewer	Surface water body	Tidewater body	Ground	Transferred to other users
3497	METAL FOIL AND LEAF . . . . .	7.8	1.6	.8	.7	-	(Z)	-
3498	FABRICATED PIPE AND FITTINGS . . . . .	.2	.2	.1	.1	-	(Z)	-
3499	FABRICATED METAL PRODUCTS, NEC . . . . .	2.7	1.4	.7	.7	(Z)	(Z)	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	338.4	180.8	44.5	106.4	28.1	1.6	.3
351	ENGINES AND TURBINES . . . . .	110.0	85.1	8.7	48.7	27.6	.1	-
3511	STEAM ENGINES AND TURBINES . . . . .	87.6	74.8	1.6	45.7	27.6	(Z)	-
3519	INTERNAL COMBUSTION ENGINES, NEC . . . . .	22.4	10.2	7.1	3.0	(Z)	.1	-
3522	FARM MACHINERY . . . . .	43.7	30.3	5.6	24.5	-	(Z)	.1
353	CONSTRUCTION AND RELATED MACHINERY . . . . .	66.1	20.4	7.1	13.1	.1	.1	(Z)
3531	CONSTRUCTION MACHINERY . . . . .	39.9	15.1	3.3	11.7	-	.1	(Z)
3532	MINING MACHINERY . . . . .	1.9	.8	.5	.3	-	(Z)	(Z)
3533	DILFIELD MACHINERY . . . . .	19.8	1.4	.2	1.1	.1	(Z)	-
3534	ELEVATORS AND MOVING STAIRWAYS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3535	CONVEYORS AND CONVEYING EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3536	HOISTS, CRANES, AND MONORAILS . . . . .	2.6	2.5	2.5	(Z)	-	-	-
3537	INDUSTRIAL TRUCKS AND TRACTORS . . . . .	1.6	.4	.4	(Z)	-	-	(Z)
354	METALWORKING MACHINERY . . . . .	14.2	6.4	4.3	1.8	.2	.1	-
3541	MACHINE TOOLS, METAL-CUTTING TYPES . . . . .	4.3	3.3	2.2	.9	(Z)	-	-
3542	MACHINE TOOLS, METAL-FORMING TYPES . . . . .	.3	.2	.2	-	-	-	-
3544	SPECIAL DIES, TOOLS, JIGS, FIXTURES . . . . .	1.6	.7	.4	.3	(Z)	(Z)	-
3545	MACHINE TOOL ACCESSORIES . . . . .	2.6	.8	.5	.3	(Z)	(Z)	-
3548	METALWORKING MACHINERY, NEC . . . . .	5.5	1.4	1.0	.3	(Z)	(Z)	-
355	SPECIAL INDUSTRY MACHINERY . . . . .	10.9	4.3	2.9	1.3	(Z)	.1	-
3551	FOOD PRODUCTS MACHINERY . . . . .	.2	.2	.2	(Z)	-	-	-
3552	TEXTILE MACHINERY . . . . .	2.5	2.3	1.2	1.0	-	(Z)	-
3553	WOODWORKING MACHINERY . . . . .	.4	.3	.1	.1	-	.1	-
3554	PAPER INDUSTRIES MACHINERY . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3555	PRINTING TRADES MACHINERY . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3559	SPECIAL INDUSTRY MACHINERY, NEC . . . . .	7.4	1.3	1.2	.1	-	(Z)	-
356	GENERAL INDUSTRIAL MACHINERY . . . . .	37.8	11.6	6.4	4.7	.1	.5	(Z)
3561	PUMPS AND COMPRESSORS . . . . .	6.2	2.8	1.7	1.0	.1	(Z)	-
3562	BALL AND ROLLER BEARINGS . . . . .	22.0	5.1	2.4	2.2	-	.5	(Z)
3564	BLOWERS AND FANS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3566	POWER TRANSMISSION EQUIPMENT . . . . .	5.0	2.6	1.5	1.1	-	(Z)	-
3567	INDUSTRIAL FURNACES AND OVENS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3569	GENERAL INDUSTRIAL MACHINERY, NEC . . . . .	4.0	.8	.6	.2	-	(Z)	-
357	OFFICE AND COMPUTING MACHINES . . . . .	31.7	13.1	3.1	9.5	.1	.3	(Z)
3572	TYPEWRITERS . . . . .	3.3	2.0	1.3	.5	-	.2	(Z)
3573	ELECTRONIC COMPUTING EQUIPMENT . . . . .	25.0	10.3	1.0	9.0	.1	.1	-
3574	CALCULATING AND ACCOUNTING MACHINES . . . . .	.7	.5	.5	-	-	(Z)	-
3576	SCALES AND BALANCES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3579	OFFICE MACHINES, NEC . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
358	SERVICE INDUSTRY MACHINES . . . . .	14.8	6.2	4.7	1.2	-	.3	(Z)
3581	AUTOMATIC MERCHANDISING MACHINES . . . . .	.7	.2	.1	.1	-	(Z)	-
3582	COMMERCIAL LAUNDRY EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3585	REFRIGERATION MACHINERY . . . . .	13.3	5.5	4.2	1.1	-	.2	(Z)
3586	MEASURING AND DISPENSING PUMPS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3589	SERVICE INDUSTRY MACHINES, NEC . . . . .	.3	.2	.2	-	-	.1	(Z)
3599	MISC. MACHINERY, EXCEPT ELECTRICAL . . . . .	9.3	3.4	1.8	1.6	-	(Z)	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	369.7	118.4	74.4	38.8	1.6	3.5	.1
361	ELECTRIC TEST, DISTRIBUTING EQUIP. . . . .	27.0	9.9	4.5	5.2	.1	(Z)	(Z)
3611	ELECTRIC MEASURING INSTRUMENTS . . . . .	5.8	1.7	.8	.9	(Z)	(Z)	-
3612	TRANSFORMERS . . . . .	13.1	4.3	1.7	2.5	.1	(Z)	-
3613	SWITCHGEAR AND SWITCHBOARD APPARATUS . . . . .	8.0	4.0	2.0	1.9	(Z)	(Z)	(Z)
362	ELECTRICAL INDUSTRIAL APPARATUS . . . . .	36.3	17.4	10.8	6.2	.2	.2	(Z)
3621	MOTORS AND GENERATORS . . . . .	22.1	10.3	5.9	4.4	-	(Z)	(Z)
3622	INDUSTRIAL CONTROLS . . . . .	3.5	2.5	2.4	.1	-	(Z)	-
3623	WELDING APPARATUS . . . . .	1.1	.2	.2	(Z)	-	-	(Z)
3624	CARBON AND GRAPHITE PRODUCTS . . . . .	7.1	2.9	1.7	1.1	-	.1	-
3629	ELECTRICAL INDUSTRIAL APPARATUS, NEC . . . . .	2.5	1.6	.7	.6	.2	.1	-
363	HOUSEHOLD APPLIANCES . . . . .	37.0	24.0	13.9	8.9	.6	.5	(Z)
3631	HOUSEHOLD COOKING EQUIPMENT . . . . .	1.4	.8	.7	(Z)	-	-	-
3632	HOUSEHOLD REFRIGERATORS AND FREEZERS . . . . .	18.1	12.7	5.3	7.0	-	.4	-
3633	HOUSEHOLD LAUNDRY EQUIPMENT . . . . .	5.9	3.1	1.9	1.2	-	-	-
3634	ELECTRIC HOUSEWARES AND FANS . . . . .	6.1	3.9	3.1	.5	.3	(Z)	(Z)
3635	HOUSEHOLD VACUUM CLEANERS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3636	SEWING MACHINES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3639	HOUSEHOLD APPLIANCES, NEC . . . . .	2.0	1.0	.8	.2	-	(Z)	-
364	ELECT. LIGHTING, AND WIRING EQUIP. . . . .	14.2	7.3	5.5	1.6	-	.2	(Z)
3641	ELECTRIC LAMPS . . . . .	3.6	1.5	1.2	.1	-	.1	(Z)
3642	LIGHTING FIXTURES . . . . .	5.9	2.4	2.1	.3	-	-	(Z)
3643	CURRENT-CARRYING WIRING DEVICES . . . . .	2.5	1.7	1.2	.4	-	.1	-
3644	NONCURRENT-CARRYING WIRING DEVICES . . . . .	2.2	1.8	.9	.8	-	(Z)	(Z)
365	RADIO AND TV RECEIVING EQUIPMENT . . . . .	10.3	3.9	2.9	.8	.1	.1	(Z)
3651	RADIO AND TV RECEIVING SETS . . . . .	5.7	2.5	2.1	.3	.1	(Z)	(Z)
3652	PHONOGRAPH RECORDS . . . . .	4.6	1.3	.8	.4	(Z)	.1	-
366	COMMUNICATION EQUIPMENT . . . . .	128.8	21.0	11.0	7.9	.2	1.9	(Z)
3661	TELEPHONE AND TELEGRAPH APPARATUS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3662	RADIO AND TV COMMUNICATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
367	ELECTRONIC COMPONENTS, ACCESSORIES . . . . .	88.0	19.4	12.4	6.4	.2	.4	(Z)

See footnotes at end of table.



TABLE 3. Water Intake by Source, Gross Water Used, and Water Discharged by Discharge Point: 1968—Continued

A. INDUSTRY GROUPS AND INDUSTRIES—Continued

(All water data in billions of gallons)

(All water data in billions of gallons)													
Code	Industry group and industry	Value of shipments  (million dollars)	Water intake by source										
			Total	Fresh water						Brackish water			
				Total	From public water systems	From company water systems			Total	From public water systems	From company water systems		
						Surface	Ground	Tidewater			Surface	Ground	Tidewater
3671	ELECTRON TUBES, RECEIVING TYPE . . . .	282.3	1.0	1.0	1.0	-	(Z)	-	-	-	-	-	-
3672	CATHODE RAY PICTURE TUBES. . . . .	690.5	2.9	2.9	2.0	.2	.7	-	-	-	-	-	-
3673	ELECTRON TUBES, TRANSMITTING . . . . .	201.8	1.5	1.5	1.0	.2	.4	-	-	-	-	-	-
3674	SEMICONDUCTORS . . . . .	800.0	6.5	6.5	6.4	-	.2	-	-	-	-	-	-
3679	ELECTRONIC COMPONENTS, NEC . . . . .	2 034.0	9.1	9.1	5.1	1.5	2.0	.5	-	-	-	-	-
369	MISC. ELECTRICAL EQUIP., SUPPLIES. . . .	1 568.0	16.0	15.4	13.8	.7	.8	(Z)	.6	-	.6	-	-
3691	STORAGE BATTERIES. . . . .	274.3	2.8	2.8	2.3	.1	.3	(Z)	-	-	-	-	-
3692	PRIMARY BATTERIES, DRY AND WET . . . . .	174.8	.6	.6	.5	(Z)	.1	-	-	-	-	-	-
3693	X-RAY APPARATUS AND TUBES. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3694	ENGINE ELECTRICAL EQUIPMENT. . . . .	961.3	4.9	4.3	3.4	.6	.4	-	.6	-	.6	-	-
3699	ELECTRICAL EQUIPMENT, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	52 743.0	312.8	295.3	122.0	68.8	19.5	84.9	17.5	-	6.5	(Z)	11.0
371	MOTOR VEHICLES AND EQUIPMENT . . . . .	32 032.4	143.3	137.5	67.1	61.9	8.5	-	5.8	-	5.8	-	-
3711	MOTOR VEHICLES . . . . .	20 835.3	31.2	31.0	27.2	.4	3.3	-	.2	-	.2	-	-
3712	PASSENGER CAR BODIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3713	TRUCK AND BUS BODIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3714	MOTOR VEHICLE PARTS AND ACCESSORIES. . . .	9 237.0	106.2	100.5	34.3	61.5	4.7	-	5.7	-	5.7	-	-
3715	TRUCK TRAILERS . . . . .	103.8	.4	.4	.2	-	.2	-	-	-	-	-	-
372	AIRCRAFT AND PARTS . . . . .	17 211.0	142.9	142.7	46.0	2.7	9.2	84.9	.2	-	(Z)	(Z)	.2
3721	AIRCRAFT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3722	AIRCRAFT ENGINES AND ENGINE PARTS. . . .	4 111.8	101.8	101.8	10.6	2.7	3.7	84.9	(Z)	-	(Z)	-	-
3723	AIRCRAFT PROPELLERS AND PARTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3729	AIRCRAFT EQUIPMENT, NEC. . . . .	2 399.1	11.6	11.4	9.8	(Z)	1.7	-	.2	-	-	-	-
373	SHIP AND BOAT BUILDING, REPAIRING. . . . .	1 774.8	19.1	8.0	4.4	1.9	1.7	(Z)	11.0	-	.2	(Z)	10.8
3731	SHIP BUILDING AND REPAIRING. . . . .	1 774.8	19.1	8.0	4.4	1.9	1.7	(Z)	11.0	-	.2	(Z)	10.8
374	RAILROAD EQUIPMENT . . . . .	1 521.9	6.1	5.6	3.2	2.4	.1	-	.5	-	.5	(Z)	-
3741	LOCOMOTIVES AND PARTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3742	RAILROAD AND STREET CARS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3751	MOTORCYCLES, BICYCLES, AND PARTS . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
379	MISC. TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3799	TRANSPORTATION EQUIPMENT, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
38	INSTRUMENTS AND RELATED PRODUCTS . . . .	4 854.2	37.6	37.3	11.5	20.6	5.1	(Z)	.3	-	(Z)	-	.3
3811	ENGINEERING, SCIENTIFIC INSTRUMENTS. . . .	348.2	.7	.7	.4	-	.2	-	-	-	-	-	-
382	MECHAN. MEASURING, CONTROL DEVICES . . . .	961.3	4.8	4.8	3.9	.1	.8	(Z)	(Z)	-	(Z)	-	-
3821	MECHANICAL MEASURING DEVICES . . . . .	524.4	3.0	3.0	2.8	.1	.2	(Z)	(Z)	-	(Z)	-	-
3822	AUTOMATIC TEMPERATURE CONTROLS . . . . .	436.9	1.8	1.8	1.1	(Z)	.6	(Z)	-	-	-	-	-
3831	OPTICAL INSTRUMENTS AND LENSES . . . . .	166.8	.4	.4	.4	-	-	-	-	-	-	-	-
384	MEDICAL INSTRUMENTS AND SUPPLIES . . . . .	431.8	2.6	2.3	1.9	-	.4	-	.3	-	-	-	.3
3841	SURGICAL AND MEDICAL INSTRUMENTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3842	SURGICAL APPLIANCES AND SUPPLIES . . . . .	344.2	2.0	2.0	1.6	-	.4	-	-	-	-	-	-
3843	DENTAL EQUIPMENT AND SUPPLIES. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3851	OPHTHALMIC GOODS . . . . .	170.5	8.7	8.7	.7	8.0	(Z)	-	-	-	-	-	-
3861	PHOTOGRAPHIC EQUIPMENT AND SUPPLIES. . . .	2 497.3	18.1	18.1	3.4	11.2	3.5	-	-	-	-	-	-
387	WATCHES, CLOCKS, AND WATCHCASES. . . . .	278.3	2.2	2.2	.8	1.3	.1	-	-	-	-	-	-
3871	WATCHES AND CLOCKS . . . . .	278.3	2.2	2.2	.8	1.3	.1	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . . . .	1 296.4	14.4	10.9	6.2	2.4	2.3	-	3.5	-	3.5	-	-
391	JEWELRY, SILVERWARE, PLATED WARE . . . . .	251.8	5.0	1.5	1.0	.4	.1	-	3.5	-	3.5	-	-
3911	JEWELRY, PRECIOUS METAL. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3912	JEWELERS' FINDINGS AND MATERIALS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3914	SILVERWARE AND PLATED WARE . . . . .	158.6	4.8	1.3	.7	.4	.1	-	3.5	-	3.5	-	-
3931	MUSICAL INSTRUMENTS AND PARTS. . . . .	79.6	.3	.3	.1	(Z)	.2	-	-	-	-	-	-
394	TOYS AND SPORTING GOODS. . . . .	346.0	2.9	2.9	1.9	.6	.5	-	-	-	-	-	-
3941	GAMES AND TOYS . . . . .	197.5	.9	.9	.5	-	.4	-	-	-	-	-	-
3943	CHILDREN'S VEHICLES, EXCEPT BICYCLES . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3949	SPORTING AND ATHLETIC GOODS, NEC . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
395	PENS, PENCILS, OFFICE, ART GOODS . . . . .	127.2	.9	.9	.3	(Z)	.6	-	-	-	-	-	-
3951	PENS AND MECHANICAL PENCILS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3952	LEAD PENCILS AND ART GOODS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3955	CARBON PAPER AND INKED RIBBONS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
396	COSTUME JEWELRY AND NOTIONS. . . . .	156.7	1.7	1.7	1.0	.2	.6	-	-	-	-	-	-
3961	COSTUME JEWELRY. . . . .	88.8	.4	.4	.4	-	.1	-	-	-	-	-	-
3962	ARTIFICIAL FLOWERS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3963	BUTTONS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3964	NEEDLES, PINS, AND FASTENERS . . . . .	63.0	1.1	1.1	.4	.2	.5	-	-	-	-	-	-
399	MISCELLANEOUS MANUFACTURES . . . . .	335.1	3.5	3.5	1.9	1.2	.4	-	-	-	-	-	-
3993	SIGNS AND ADVERTISING DISPLAYS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3994	MORTICIANS' GOODS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3996	HARD SURFACE FLOOR COVERINGS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3999	MANUFACTURES, NEC. . . . .	131.0	2.0	2.0	1.4	.3	.4	-	-	-	-	-	-

Note: Detailed figures may not add to totals because of independent rounding. The figures shown for industry groups include data for all component industries whether or not separate figures are shown for the individual industries in the group.

**TABLE 3. Water Intake by Source, Gross Water Used, and Water Discharged by Discharge Point: 1968—Continued**

**A. INDUSTRY GROUPS AND INDUSTRIES—Continued**

(All water data in billions of gallons)

Code	Industry group and industry	Gross water used, including recirculation or reuse	Water discharged, by point of discharge						Treated before discharge (included in total)
			Total	Public utility sewer	Surface water body	Tidewater body	Ground	Transferred to other users	
3671	ELECTRON TUBES, RECEIVING TYPE . . . .	5.9	1.0	.8	.2	-	(Z)	-	-
3672	CATHODE RAY PICTURE TUBES . . . . .	5.5	2.8	.8	2.0	-	(Z)	-	1.1
3673	ELECTRON TUBES, TRANSMITTING . . . . .	4.2	1.4	1.0	.4	(Z)	(Z)	-	.4
3674	SEMICONDUCTORS . . . . .	44.0	6.1	5.1	.9	-	.2	-	2.6
3679	ELECTRONIC COMPONENTS, NEC . . . . .	28.3	8.1	4.8	3.0	.2	.2	(Z)	2.7
369	MISC. ELECTRICAL EQUIP., SUPPLIES . . . .	28.1	15.5	13.5	1.7	.1	.2	(Z)	1.1
3691	STORAGE BATTERIES . . . . .	6.9	2.6	1.8	.6	(Z)	.2	(Z)	.9
3692	PRIMARY BATTERIES, DRY AND WET . . . .	.9	.6	.5	(Z)	(Z)	(Z)	(Z)	(Z)
3693	X-RAY APPARATUS AND TUBES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3694	ENGINE ELECTRICAL EQUIPMENT . . . . .	8.0	4.7	3.7	1.0	-	(Z)	-	.1
3699	ELECTRICAL EQUIPMENT, NEC . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	910.6	293.1	77.2	106.4	99.5	7.3	2.7	22.5
371	MOTOR VEHICLES AND EQUIPMENT . . . . .	611.0	131.9	52.8	77.7	.4	.8	.2	14.4
3711	MOTOR VEHICLES . . . . .	242.7	28.0	21.5	5.9	.3	.1	.2	3.7
3712	PASSENGER CAR BODIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3713	TRUCK AND BUS BODIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3714	MOTOR VEHICLE PARTS AND ACCESSORIES . .	178.0	98.9	26.9	71.4	-	.7	(Z)	9.9
3715	TRUCK TRAILERS . . . . .	.4	.2	.2	(Z)	-	-	-	-
372	AIRCRAFT AND PARTS . . . . .	263.1	135.3	18.4	23.5	86.9	6.0	.5	6.0
3721	AIRCRAFT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3722	AIRCRAFT ENGINES AND ENGINE PARTS . . .	155.9	96.6	5.8	3.2	86.2	1.3	.2	2.0
3723	AIRCRAFT PROPELLERS AND PARTS . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3729	AIRCRAFT EQUIPMENT, NEC . . . . .	42.1	10.8	6.7	2.6	.3	.8	.3	1.0
373	SHIP AND BOAT BUILDING, REPAIRING . . .	21.6	18.7	2.8	1.4	12.2	.3	2.1	.2
3731	SHIP BUILDING AND REPAIRING . . . . .	21.6	18.7	2.8	1.4	12.2	.3	2.1	.2
374	RAILROAD EQUIPMENT . . . . .	13.0	5.8	2.1	3.4	.1	.3	-	1.0
3741	LOCOMOTIVES AND PARTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3742	RAILROAD AND STREET CARS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3751	MOTORCYCLES, BICYCLES, AND PARTS . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
379	MISC. TRANSPORTATION EQUIPMENT . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3799	TRANSPORTATION EQUIPMENT, NEC . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
38	INSTRUMENTS AND RELATED PRODUCTS . . .	117.9	36.0	12.7	21.8	.5	.5	.5	12.6
3811	ENGINEERING, SCIENTIFIC INSTRUMENTS . .	3.1	.7	.5	.1	-	.1	-	(Z)
382	MECHAN. MEASURING, CONTRL DEVICES . . .	7.5	4.6	3.8	.7	.1	(Z)	(Z)	.5
3821	MECHANICAL MEASURING DEVICES . . . . .	4.6	2.9	2.5	.3	(Z)	(Z)	-	.1
3822	AUTOMATIC TEMPERATURE CONTRLS . . . .	3.0	1.7	1.3	.3	.1	(Z)	(Z)	.3
3831	OPTICAL INSTRUMENTS AND LENSES . . . .	3.8	.4	.3	.1	-	.1	-	.1
384	MEDICAL INSTRUMENTS AND SUPPLIES . . .	4.2	2.5	1.9	.3	.3	.1	-	.2
3841	SURGICAL AND MEDICAL INSTRUMENTS . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3842	SURGICAL APPLIANCES AND SUPPLIES . . . .	3.4	1.9	1.6	.3	-	(Z)	-	.1
3843	DENTAL EQUIPMENT AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3851	OPHTHALMIC GOODS . . . . .	10.6	8.7	.5	8.2	-	(Z)	-	.5
3861	PHOTOGRAPHIC EQUIPMENT AND SUPPLIES . .	86.0	16.9	4.9	11.1	.1	.2	.5	11.1
387	WATCHES, CLOCKS, AND WATCHCASES . . .	2.7	2.2	.9	1.4	-	-	-	.2
3871	WATCHES AND CLOCKS . . . . .	2.7	2.2	.9	1.4	-	-	-	.2
39	MISC. MANUFACTURING INDUSTRIES . . . .	23.8	13.0	4.8	6.6	.7	.8	.1	.7
391	JEWELRY, SILVERWARE, PLATED WARE . . . .	5.5	4.1	.7	3.5	-	-	-	.1
3911	JEWELRY, PRECIOUS METAL . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3912	JEWELERS' FINDINGS AND MATERIALS . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3914	SILVERWARE AND PLATED WARE . . . . .	5.2	3.9	.5	3.4	-	-	-	.1
3931	MUSICAL INSTRUMENTS AND PARTS . . . . .	.3	.3	.1	.2	-	(Z)	-	-
394	TOYS AND SPORTING GOODS . . . . .	4.7	2.8	1.0	1.1	.7	.1	.1	.1
3941	GAMES AND TOYS . . . . .	1.5	.9	.3	.2	.4	-	.1	-
3943	CHILDREN'S VEHICLES, EXCEPT BICYCLES .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3949	SPORTING AND ATHLETIC GOODS, NEC . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
395	PENS, PENCILS, OFFICE, ART GOODS . . . .	1.0	.9	.2	.1	-	.6	-	(Z)
3951	PENS AND MECHANICAL PENCILS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3952	LEAD PENCILS AND ART GOODS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3955	CARBON PAPER AND INKED RIBBONS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
396	COSTUME JEWELRY AND NOTIONS . . . . .	2.5	1.6	1.2	.4	-	(Z)	(Z)	.3
3961	COSTUME JEWELRY . . . . .	.5	.3	.2	.1	-	-	(Z)	.1
3962	ARTIFICIAL FLOWERS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3963	BUTTONS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3964	NEEDLES, PINS, AND FASTENERS . . . . .	1.8	1.1	.7	.3	-	(Z)	-	.1
399	MISCELLANEOUS MANUFACTURES . . . . .	9.7	3.2	1.7	1.4	(Z)	.1	-	.1
3993	SIGNS AND ADVERTISING DISPLAYS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3994	MORTICIANS' GOODS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3996	HARD SURFACE FLOOR COVERINGS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3999	MANUFACTURES, NEC . . . . .	4.4	1.9	1.3	.5	(Z)	.1	-	.1

Standard notes: - Represents zero. (D) Withheld to avoid disclosing figures of individual companies. (Z) Less than 50 million gallons.

**TABLE 3. Water Intake by Source, Gross Water Used, and Water Discharged by Discharge Point: 1968**

**B. WATER USE REGIONS, MAJOR INDUSTRY GROUPS, AND INDUSTRIES**

(All water data in billions of gallons)

Water use region, major industry group and industry	Value of shipments  (million dollars)	(All water data in billions of gallons)										
		Water intake by source										
		Total	Fresh water						Brackish water			
			Total	From public water systems	From company water systems			Total	From public water systems	From company water systems		
Surface	Ground	Tidewater			Surface	Ground	Tidewater					
UNITED STATES, TOTAL. . . . .	278 037.3	15 466.5	12 453.5	1 591.7	8 919.2	1 498.4	444.1	3 013.0	5.8	682.8	83.0	2 241.4
NEW ENGLAND . . . . .	13 891.9	585.3	496.2	85.5	303.7	20.5	86.5	89.1	1.1	14.9	.1	73.0
DELAWARE AND HUDSON . . . . .	28 812.1	1 258.7	909.0	124.6	492.0	71.6	220.8	349.7	(Z)	3.1	2.6	343.9
CHESAPEAKE BAY. . . . .	12 456.1	816.2	494.2	68.5	269.7	63.5	92.5	322.0	-	29.3	.9	291.9
EASTERN GREAT LAKES-ST. LAWRENCE. . . . .	35 490.2	1 626.1	1 506.4	179.0	1 278.4	44.6	4.4	119.7	.2	113.3	6.2	-
OHIO RIVER. . . . .	36 879.7	2 455.0	2 434.9	150.6	2 079.4	204.9	-	20.1	.3	17.2	2.5	-
TENNESSEE . . . . .	4 989.7	521.0	471.8	42.2	414.6	15.0	-	49.2	-	49.2	(Z)	-
SOUTHEAST . . . . .	22 300.8	1 180.7	984.7	162.1	521.6	300.0	.9	196.0	-	26.1	28.5	141.4
WESTERN GREAT LAKES . . . . .	32 470.6	1 923.8	1 874.7	127.4	1 690.7	56.5	-	49.1	2.3	45.9	.9	-
UPPER MISSISSIPPI . . . . .	23 650.5	694.8	688.3	152.1	406.2	130.0	-	6.5	.5	5.5	.5	-
LOWER MISSISSIPPI . . . . .	5 373.0	780.4	767.2	16.2	646.2	99.4	5.4	13.2	.2	1.1	8.7	3.2
MISSOURI. . . . .	8 672.1	162.3	161.1	26.3	96.1	38.6	-	1.1	(Z)	.3	.8	-
ARKANSAS, WHITE AND RED . . . . .	7 040.6	236.9	233.8	36.8	110.2	86.8	-	3.1	1.1	.2	1.8	-
WESTERN GULF. . . . .	15 831.5	2 031.3	432.0	137.0	172.7	121.8	.5	1 599.2	.1	349.6	2.4	1 247.2
COLORADO BASIN. . . . .	1 242.1	23.3	21.3	9.5	3.9	7.9	-	1.9	-	-	1.9	-
GREAT BASIN . . . . .	821.8	35.3	27.7	9.1	6.0	12.7	-	7.6	-	3.2	4.4	-
CALIFORNIA. . . . .	19 621.8	369.9	237.8	106.2	47.0	72.9	11.7	132.2	.1	3.2	2.1	126.8
PACIFIC NORTHWEST . . . . .	7 302.2	599.4	567.3	152.2	274.4	119.9	20.8	32.1	-	18.4	.1	13.5
CUMBERLAND. . . . .	734.1	37.2	37.2	3.9	33.3	(Z)	-	-	-	-	-	-
ALASKA. . . . .	100.3	33.7	31.9	.7	31.1	.1	-	1.9	-	1.3	-	.5
HAWAII. . . . .	356.0	95.3	76.0	1.8	41.6	31.8	.7	19.3	-	1.0	18.4	-

Note: This table shows summary totals only for the United States and for water use regions. A distribution of these totals by industry groups and industry is shown in table 3B of the subject report, "Water Use in Manufacturing: 1968", Series M67(1)-7.



**TABLE 3. Water Intake by Source, Gross Water Used, and Water Discharged by Discharge Point: 1968—Continued**

**B. WATER USE REGIONS, MAJOR INDUSTRY GROUPS, AND INDUSTRIES—Continued**

(All water data in billions of gallons)

Water use region, major industry group and industry	Gross water used, including recirculation or reuse	Water discharged, by point of discharge						Treated before discharge (included in total)
		Total	Public utility sewer	Surface water body	Tidewater body	Ground	Transferred to other users	
UNITED STATES* TOTAL . . . . .	35 700.6	14 275.9	1 021.6	9 545.1	3 316.0	190.1	203.0	4 353.2
NEW ENGLAND . . . . .	966.0	558.4	47.0	323.8	181.2	5.1	1.2	55.9
DELAWARE AND HUDSON . . . . .	2 340.1	1 191.9	87.2	474.5	606.2	18.0	6.0	500.5
CHESAPEAKE BAY . . . . .	1 359.7	754.7	32.5	269.7	416.0	4.6	32.0	215.2
EASTERN GREAT LAKES-ST. LAWREN RIV. . . . .	2 804.2	1 459.7	202.9	1 237.3	.8	6.8	11.8	321.8
OHIO RIVER . . . . .	4 125.1	2 295.4	171.6	2 109.2	-	12.5	2.1	534.4
TENNESSEE . . . . .	963.9	499.3	11.3	462.0	-	1.7	24.3	130.0
SOUTHEAST . . . . .	3 718.4	1 099.6	56.7	682.5	331.8	18.4	10.1	474.4
WESTERN GREAT LAKES . . . . .	2 932.9	1 811.3	133.6	1 664.7	-	10.7	2.2	755.6
UPPER MISSISSIPPI . . . . .	1 514.5	581.6	107.8	448.2	-	24.9	.8	137.8
LOWER MISSISSIPPI . . . . .	1 797.5	744.6	22.7	687.4	19.9	11.2	3.4	157.1
MISSOURI . . . . .	577.2	141.9	25.2	110.9	-	2.0	3.8	64.6
ARKANSAS, WHITE AND RED . . . . .	1 642.1	184.6	14.5	163.6	-	5.2	1.2	123.6
WESTERN GULF . . . . .	7 087.7	1 899.1	15.2	503.7	1 348.5	9.0	22.7	440.4
COLORADO BASIN . . . . .	143.2	18.3	3.7	2.6	-	8.1	3.9	3.5
GREAT BASIN . . . . .	194.2	26.8	1.7	15.6	-	5.7	3.8	11.5
CALIFORNIA . . . . .	1 511.7	314.1	52.9	56.3	182.8	19.0	3.1	174.0
PACIFIC NORTHWEST . . . . .	1 689.8	532.5	30.2	296.3	174.2	25.2	6.6	193.3
CUMBERLAND . . . . .	59.6	36.6	2.6	33.9	-	.1	(Z)	11.7
ALASKA . . . . .	116.0	32.3	.1	1.3	30.9	-	-	16.9
HAWAII . . . . .	156.7	93.3	2.0	1.6	23.7	1.9	64.1	31.2

Standard notes: - Represents zero. (Z) Less than 50 million gallons.

**TABLE 3. Water Intake by Source, Gross Water Used, and Water Discharged by Discharge Point: 1968**

**C. STATES AND MAJOR INDUSTRY GROUPS**

(All water data in billions of gallons)

Code	State and major industry group	Value of shipments (million dollars)	Water intake by source										
			Total	Fresh water					Brackish water				
				Total	From public water systems	From company water systems			Total	From public water systems	From company water systems		
						Surface	Ground	Tidewater			Surface	Ground	Tidewater
	UNITED STATES: TOTAL . . . . .	278 037.3	15466.5	12453.5	1 591.7	8 919.2	1 498.4	444.1	3 013.0	5.8	682.8	83.0	2 241.4
	NEW ENGLAND DIVISION . . . . .	14 308.7	590.1	501.0	86.2	307.5	20.8	86.5	89.1	1.1	14.9	.1	73.0
	MAINE . . . . .	908.7	162.2	154.8	5.8	146.6	1.1	1.3	7.4	-	7.0	-	.4
20	FOOD AND KINDRED PRODUCTS . . . . .	125.9	2.6	2.1	.9	.6	.7	-	.4	-	-	-	.4
22	TEXTILE MILL PRODUCTS . . . . .	85.5	.9	.9	.2	.6	(2)	-	.1	-	.1	-	-
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	515.0	154.4	147.6	3.0	144.2	.4	-	6.9	-	6.9	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31	LEATHER AND LEATHER PRODUCTS . . . . .	41.3	1.7	1.7	.5	.9	.1	.2	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NEW HAMPSHIRE . . . . .	620.6	57.8	57.5	2.4	54.9	.2	-	.3	-	.3	-	-
20	FOOD AND KINDRED PRODUCTS . . . . .	26.8	.2	.2	.2	-	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS . . . . .	81.1	4.7	4.5	.3	4.2	(2)	-	.2	-	.2	-	-
24	PAPER AND ALLIED PRODUCTS . . . . .	135.6	49.8	49.6	.2	49.4	(2)	-	.1	-	.1	-	-
26	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31	LEATHER AND LEATHER PRODUCTS . . . . .	45.9	.9	.9	.4	.6	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	16.7	.2	.2	.1	.1	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	70.1	.3	.3	.2	(2)	(2)	-	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	188.8	1.0	1.0	.5	.4	.1	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	VERMONT . . . . .	491.7	6.8	6.8	1.2	5.3	.2	-	(2)	-	(2)	-	-
20	FOOD AND KINDRED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	18.3	4.1	4.1	(2)	4.1	-	-	-	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	14.5	.4	.4	(2)	.3	(2)	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	49.8	.1	.1	.1	(2)	-	-	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MASSACHUSETTS . . . . .	5 638.6	151.8	107.5	36.4	59.4	11.5	.2	44.3	1.1	3.5	-	39.7
20	FOOD AND KINDRED PRODUCTS . . . . .	539.8	14.2	6.3	5.4	.9	.1	-	7.9	-	-	-	7.9
22	TEXTILE MILL PRODUCTS . . . . .	292.4	5.2	4.9	1.2	3.0	.7	-	.4	-	.1	-	.3
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	417.3	49.5	46.7	3.7	38.3	4.6	.2	2.8	-	2.8	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	384.5	13.3	9.8	7.4	.1	2.3	-	3.5	-	-	-	3.5
29	PETROLEUM AND COAL PRODUCTS . . . . .	20.8	.2	.2	.1	(2)	-	-	-	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	371.0	9.9	7.9	2.1	3.8	2.0	-	2.0	1.1	.7	-	.3
31	LEATHER AND LEATHER PRODUCTS . . . . .	62.0	1.1	1.1	.6	.1	.4	-	(2)	-	(2)	-	(2)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	265.2	3.7	3.7	1.3	2.3	(2)	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . . . .	297.8	6.0	1.7	1.4	-	.3	-	4.3	-	-	-	4.3
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	521.7	26.0	2.6	1.6	.8	.2	-	23.4	-	-	-	23.4
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	978.7	6.6	6.6	4.5	2.0	.2	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	514.3	1.2	1.1	1.1	-	-	-	(2)	-	-	-	(2)
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	588.3	9.3	9.3	1.2	8.0	.1	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . . . .	176.4	1.0	1.0	.9	-	.1	-	-	-	-	-	-
	RHODE ISLAND . . . . .	854.8	20.2	17.7	6.4	9.0	2.4	-	2.5	-	.2	(2)	2.2
20	FOOD AND KINDRED PRODUCTS . . . . .	69.0	1.9	1.7	.6	-	1.1	-	.2	-	(2)	-	.2
22	TEXTILE MILL PRODUCTS . . . . .	82.3	5.5	5.3	1.0	4.1	.2	-	.2	-	.2	-	-
24	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	CHEMICALS AND ALLIED PRODUCTS . . . . .	70.7	2.8	2.8	1.4	1.2	.2	-	-	-	-	-	-
28	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	265.6	5.8	4.5	.8	3.3	.4	-	1.3	-	-	-	1.3
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	67.9	.4	.4	.3	-	.1	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	77.5	.9	.9	.8	-	.1	-	-	-	-	-	-
	CONNECTICUT . . . . .	5 794.4	191.3	156.7	34.0	32.4	5.3	85.0	34.6	-	3.9	.1	30.6
20	FOOD AND KINDRED PRODUCTS . . . . .	77.9	.3	.3	.3	-	(2)	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS . . . . .	111.3	3.6	3.6	.8	2.7	(2)	.1	-	-	-	-	-
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	46.0	4.3	4.3	2.6	1.7	(2)	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	289.7	37.3	7.3	2.9	2.5	2.0	-	30.0	-	-	-	30.0
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	224.2	9.8	9.8	1.2	8.1	.4	(2)	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	62.5	1.1	1.1	.8	(2)	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	848.0	23.5	23.5	8.7	13.7	1.2	(2)	(2)	-	-	-	(2)
34	FABRICATED METAL PRODUCTS . . . . .	371.5	4.3	3.9	2.0	1.5	.3	(2)	.4	-	.3	.1	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	650.6	3.3	3.3	2.8	.4	(2)	-	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	375.4	3.7	3.7	3.5	-	.2	-	(2)	-	(2)	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	2 176.6	91.1	90.6	4.1	1.0	.6	84.9	.6	-	-	-	.6
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	219.9	2.0	2.0	1.9	.1	.1	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . . . .	173.5	5.4	1.9	.9	.7	.2	-	3.5	-	3.5	-	-
	MIDDLE ATLANTIC DIVISION . . . . .	48 631.0	2 559.8	2 338.1	225.0	1 784.9	130.5	197.7	221.7	(2)	10.5	3.7	207.4
	NEW YORK . . . . .	17 314.9	568.6	550.6	76.5	430.1	37.0	7.0	18.0	-	3.1	.7	14.2
20	FOOD AND KINDRED PRODUCTS . . . . .	2 197.2	41.0	28.3	20.1	1.2	3.1	3.9	12.7	-	.2	.2	12.3
21	TOBACCO MANUFACTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
22	TEXTILE MILL PRODUCTS . . . . .	135.8	2.5	2.5	1.5	.9	.1	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 3. Water Intake by Source, Gross Water Used, and Water Discharged by Discharge Point: 1968—Continued

C. STATES AND MAJOR INDUSTRY GROUPS—Continued

(All water data in billions of gallons)

Code	State and major industry group	Gross water used, including recirculation or reuse	Water discharged, by point of discharge						Treated before discharge (included in total)
			Total	Public utility sewer	Surface water body	Tidewater body	Ground	Transferred to other users	
	UNITED STATES, TOTAL . . . . .	35 700.6	14 275.9	1 021.6	9 545.1	3 316.0	190.1	203.0	4 353.2
	NEW ENGLAND DIVISION . . . . .	976.5	563.1	47.8	327.7	181.2	5.1	1.2	56.2
	MAINE . . . . .	317.3	153.0	3.1	142.4	6.3	.4	.8	19.7
20	FOOD AND KINDRED PRODUCTS . . . . .	4.1	2.5	1.1	.8	.6	(Z)	—	1.4
22	TEXTILE MILL PRODUCTS . . . . .	.9	.9	.1	.5	.3	—	—	.1
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	307.6	145.8	1.5	139.3	4.3	(Z)	.8	16.7
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31	LEATHER AND LEATHER PRODUCTS . . . . .	1.7	1.6	.1	1.5	(Z)	(Z)	(Z)	1.5
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NEW HAMPSHIRE . . . . .	108.1	55.6	1.7	53.6	.1	.1	.1	8.0
20	FOOD AND KINDRED PRODUCTS . . . . .	.2	.1	.1	—	—	—	—	—
22	TEXTILE MILL PRODUCTS . . . . .	5.5	3.5	.1	3.4	—	—	—	.1
26	PAPER AND ALLIED PRODUCTS . . . . .	96.4	49.0	.3	48.6	—	—	.1	7.6
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31	LEATHER AND LEATHER PRODUCTS . . . . .	1.1	.9	.8	.2	—	—	(Z)	—
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	.3	.2	(Z)	.1	.1	(Z)	(Z)	—
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	.5	.3	.1	.2	—	(Z)	—	(Z)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	3.1	.9	.2	.7	—	.1	—	.2
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	VERMONT . . . . .	17.7	6.4	.9	5.6	—	(Z)	—	.8
20	FOOD AND KINDRED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	9.2	4.1	—	4.1	—	(Z)	—	.6
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	.6	.3	(Z)	.3	—	—	—	(Z)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	.1	.1	(Z)	.1	—	—	—	—
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MASSACHUSETTS . . . . .	264.3	141.5	22.4	74.2	41.3	3.5	(Z)	13.1
20	FOOD AND KINDRED PRODUCTS . . . . .	17.0	13.8	1.8	2.7	9.2	.1	—	.2
22	TEXTILE MILL PRODUCTS . . . . .	6.1	5.0	.9	3.7	.4	(Z)	—	.9
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	100.2	46.2	3.8	41.0	(Z)	1.4	—	8.4
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	22.9	11.2	2.5	4.3	3.9	.5	(Z)	1.2
29	PETROLEUM AND COAL PRODUCTS . . . . .	.2	.1	(Z)	.1	—	(Z)	(Z)	—
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	14.3	9.2	.9	5.4	1.7	1.2	—	.1
31	LEATHER AND LEATHER PRODUCTS . . . . .	2.7	1.0	.8	—	.1	.1	—	.6
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	4.5	3.7	.6	3.0	—	.1	—	.2
34	FABRICATED METAL PRODUCTS . . . . .	7.9	6.0	1.3	.3	4.4	(Z)	—	(Z)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	37.3	23.2	1.2	.8	21.1	(Z)	—	.2
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	12.5	6.5	2.5	3.8	.2	(Z)	—	.6
37	TRANSPORTATION EQUIPMENT . . . . .	10.6	1.1	1.0	.1	.1	(Z)	(Z)	(Z)
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	17.1	9.1	1.0	8.2	—	(Z)	—	.4
39	MISC. MANUFACTURING INDUSTRIES . . . . .	2.0	1.0	.5	.2	.3	.1	—	(Z)
	RHODE ISLAND . . . . .	30.1	19.6	3.8	9.8	5.6	.3	.1	5.9
20	FOOD AND KINDRED PRODUCTS . . . . .	3.1	1.9	.3	1.1	.4	(Z)	(Z)	(Z)
22	TEXTILE MILL PRODUCTS . . . . .	5.8	5.4	.6	4.6	.1	(Z)	(Z)	3.4
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	5.1	2.7	.5	2.0	—	.1	—	.4
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	7.4	5.8	.4	1.2	4.1	(Z)	—	.4
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	.5	.3	.1	(Z)	(Z)	.1	(Z)	.1
39	MISC. MANUFACTURING INDUSTRIES . . . . .	1.1	.9	.8	—	—	—	.1	(Z)
	CONNECTICUT . . . . .	239.1	187.0	15.9	42.2	127.8	.8	.2	8.8
20	FOOD AND KINDRED PRODUCTS . . . . .	.4	.3	.3	—	—	—	—	—
22	TEXTILE MILL PRODUCTS . . . . .	4.1	3.5	1.2	2.2	.1	(Z)	—	1.4
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	10.9	4.1	.1	3.2	.9	(Z)	—	3.5
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	45.4	36.5	.1	4.4	32.0	(Z)	—	.2
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	14.1	9.2	.6	1.7	6.7	.1	—	.1
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	1.5	.9	.1	.7	—	—	—	.2
33	PRIMARY METAL INDUSTRIES . . . . .	33.9	23.1	1.7	20.3	1.0	.1	(Z)	1.3
34	FABRICATED METAL PRODUCTS . . . . .	5.5	4.3	1.4	2.8	.1	(Z)	—	.2
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	4.5	3.2	1.6	1.4	.2	(Z)	(Z)	.1
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	4.4	3.6	2.7	.4	.4	(Z)	(Z)	.2
37	TRANSPORTATION EQUIPMENT . . . . .	101.5	90.6	2.5	1.3	86.4	.3	.1	.7
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	2.2	2.0	1.7	.2	(Z)	(Z)	—	.2
39	MISC. MANUFACTURING INDUSTRIES . . . . .	6.1	4.4	.7	3.6	—	(Z)	(Z)	.3
	MIDDLE ATLANTIC DIVISION . . . . .	4 353.7	2 380.3	157.9	1 758.6	432.4	23.7	7.8	741.6
	NEW YORK . . . . .	995.9	519.0	68.0	412.0	27.9	8.3	2.8	146.2
20	FOOD AND KINDRED PRODUCTS . . . . .	53.1	38.2	8.6	8.6	20.1	.9	.1	3.0
21	TOBACCO MANUFACTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
22	TEXTILE MILL PRODUCTS . . . . .	3.4	1.6	1.1	.6	(Z)	(Z)	—	.1
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.



TABLE 3. Water Intake by Source, Gross Water Used, and Water Discharged by Discharge Point: 1968—Continued

## C. STATES AND MAJOR INDUSTRY GROUPS—Continued

(All water data in billions of gallons)

Code	State and major industry group	Value of shipments  (million dollars)	Water intake by source										
			Total	Fresh water					Brackish water				
				Total	From public water systems	From company water systems			Total	From public water systems	From company water systems		
						Surface	Ground	Tidewater			Surface	Ground	Tidewater
NEW YORK													
25	FURNITURE AND FIXTURES . . . . .	60.7	.1	.1	.1	-	(Z)	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . . . .	431.5	70.7	70.4	1.5	68.6	.3	(Z)	.2	-	-	.2	-
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	1 505.5	134.1	133.0	17.4	103.3	9.7	2.6	1.1	-	.4	(Z)	.7
29	PETROLEUM AND COAL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	218.9	5.5	5.4	1.3	3.1	.9	-	.1	-	-	.1	-
31	LEATHER AND LEATHER PRODUCTS . . . . .	24.5	.4	.4	.3	(Z)	.1	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	417.2	8.3	8.2	2.1	4.9	.8	.5	.1	-	-	.1	-
33	PRIMARY METAL INDUSTRIES . . . . .	2 132.2	183.7	180.9	8.6	170.5	1.8	-	2.8	-	2.5	.1	.2
34	FABRICATED METAL PRODUCTS. . . . .	454.6	2.6	2.6	2.0	.4	.2	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	2 279.3	50.3	50.3	5.2	43.9	1.2	-	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	2 816.7	14.6	14.6	7.2	3.9	3.5	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	2 245.8	18.8	18.1	4.8	8.9	4.4	-	.7	-	(Z)	-	.7
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	1 949.2	16.0	15.7	2.7	10.6	2.4	-	.3	-	-	-	.3
39	MISC. MANUFACTURING INDUSTRIES . . . . .	128.2	1.3	1.3	.5	.4	.4	-	-	-	-	-	-
NEW JERSEY													
20	FOOD AND KINDRED PRODUCTS. . . . .	11 593.9	411.5	216.2	52.9	56.7	39.4	67.3	195.2	-	2.6	2.1	190.6
22	TEXTILE MILL PRODUCTS. . . . .	1 497.0	17.5	16.3	9.6	.2	4.2	2.4	1.1	-	-	.4	.8
26	PAPER AND ALLIED PRODUCTS. . . . .	91.7	2.1	2.1	1.8	.3	.1	(Z)	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	269.4	19.7	19.6	3.5	10.5	4.6	.9	.2	-	-	-	.2
29	PETROLEUM AND COAL PRODUCTS. . . . .	3 009.5	195.1	106.0	19.7	20.3	18.3	47.7	89.1	-	2.1	1.1	85.9
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	1 163.1	105.6	21.7	2.6	3.0	2.0	14.1	83.9	-	-	-	83.9
31	LEATHER AND LEATHER PRODUCTS . . . . .	231.6	5.9	4.1	2.2	.2	1.7	(Z)	1.8	-	.3	.1	1.5
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	40.0	.6	.5	.3	(Z)	.1	-	.1	-	-	.1	-
33	PRIMARY METAL INDUSTRIES . . . . .	338.3	12.1	6.8	1.2	3.0	2.6	-	5.2	-	.2	-	5.0
34	FABRICATED METAL PRODUCTS. . . . .	953.1	22.6	9.7	3.6	4.5	1.6	-	12.9	-	(Z)	.2	12.7
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	300.0	1.5	1.5	1.0	(Z)	.4	-	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	452.1	9.0	9.0	.6	7.3	1.1	(Z)	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	1 445.2	11.5	11.0	3.8	6.5	.8	(Z)	.5	-	-	.2	.4
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	1 518.6	2.8	2.6	2.3	-	.3	-	.3	-	-	-	.3
39	MISC. MANUFACTURING INDUSTRIES . . . . .	204.5	1.6	1.6	.5	-	1.1	-	-	-	-	-	-
PENNSYLVANIA													
20	FOOD AND KINDRED PRODUCTS. . . . .	19 722.2	1 579.8	1 571.3	95.7	1 298.1	54.0	123.5	8.5	(Z)	4.9	.9	2.6
21	TOBACCO MANUFACTURES . . . . .	1 737.2	36.2	36.1	7.5	11.8	12.0	4.8	.1	-	-	-	.1
22	TEXTILE MILL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
24	LUMBER AND WOOD PRODUCTS . . . . .	291.6	3.3	2.9	2.4	.3	.2	-	.4	-	.4	(Z)	-
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS. . . . .	57.2	.2	.2	.2	-	(Z)	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	498.7	68.5	67.1	13.7	42.4	4.9	6.1	1.4	-	.2	-	1.2
29	PETROLEUM AND COAL PRODUCTS. . . . .	1 543.1	174.8	173.9	10.7	154.3	7.9	1.0	.8	-	-	-	.8
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	1 256.7	118.4	118.4	3.5	6.7	3.5	104.6	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS . . . . .	444.9	5.3	5.3	1.8	2.3	1.1	(Z)	(Z)	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	46.1	1.2	1.2	.1	.7	.3	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	617.9	23.2	23.0	3.6	14.8	4.6	-	.2	-	-	.2	(Z)
34	FABRICATED METAL PRODUCTS. . . . .	6 745.3	1 111.3	1 106.7	31.0	1 059.7	15.9	-	4.7	-	3.9	.7	1.1
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	937.4	5.8	5.8	4.0	.1	1.6	-	(Z)	-	(Z)	(Z)	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	1 428.4	13.4	13.2	3.0	2.8	.7	6.7	.2	(Z)	-	(Z)	.1
37	TRANSPORTATION EQUIPMENT . . . . .	1 965.5	10.1	10.1	7.5	1.7	.6	.2	-	-	-	-	-
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	1 493.0	4.6	3.9	3.4	.3	.3	-	.7	-	.5	(Z)	.2
39	MISC. MANUFACTURING INDUSTRIES . . . . .	288.1	.9	.9	.6	.1	.2	(Z)	-	-	-	-	-
EAST NORTH CENTRAL DIVISION													
OHIO													
20	FOOD AND KINDRED PRODUCTS. . . . .	23 655.7	1 204.0	1 186.9	129.5	934.9	122.5	-	17.2	.3	11.0	5.9	-
22	TEXTILE MILL PRODUCTS. . . . .	1 590.5	17.0	16.9	7.1	3.4	6.4	-	.1	-	-	(Z)	-
24	LUMBER AND WOOD PRODUCTS . . . . .	91.9	1.2	1.2	.9	-	.3	-	-	-	-	-	-
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS. . . . .	119.7	.4	.4	.3	.2	(Z)	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	496.8	46.8	46.6	2.0	14.2	30.4	-	.2	-	.2	-	-
29	PETROLEUM AND COAL PRODUCTS. . . . .	1 520.2	154.2	148.5	19.7	101.8	26.9	-	5.7	-	-	5.7	-
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	900.6	57.4	57.4	3.2	49.7	4.5	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS . . . . .	1 854.0	42.2	42.1	7.5	27.8	6.7	-	.1	-	-	.1	-
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	37.6	2.6	2.6	2.5	(Z)	.1	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	663.8	20.9	20.9	6.3	11.8	2.8	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS. . . . .	4 882.9	802.9	792.3	40.1	723.0	29.2	-	10.6	-	10.6	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	1 683.5	10.6	10.6	8.5	(Z)	2.1	-	.1	-	-	.1	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	2 029.4	9.0	9.0	6.4	.1	2.5	-	(Z)	-	(Z)	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	2 270.8	17.7	17.5	9.2	-	8.3	-	.2	.2	-	-	-
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	5 243.5	19.2	19.1	14.8	2.7	1.6	-	.2	-	.2	-	-
39	MISC. MANUFACTURING INDUSTRIES . . . . .	81.8	.3	.3	.2	.1	.1	-	-	-	-	-	-
INDIANA													
20	FOOD AND KINDRED PRODUCTS. . . . .	13 642.1	1 106.2	1 105.7	37.1	1 028.6	39.9	-	.5	-	.5	(Z)	-
24	LUMBER AND WOOD PRODUCTS . . . . .	1 165.1	20.6	20.5	3.5	5.5	11.5	-	.1	-	.1	-	-
25	FURNITURE AND FIXTURES . . . . .	32.7	.6	.6	.6	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	106.0	7.5	7.2	1.1	4.0	2.0	-	.4	-	.4	-	-
29	PETROLEUM AND COAL PRODUCTS. . . . .	891.1	38.1	38.1	3.5	24.2	10.4	-	-	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	828.0	84.7	84.7	.4	83.9	.7	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	305.6	5.5	5.5	1.5	3.3	.7	-	-	-	-	(Z)	-
33	PRIMARY METAL INDUSTRIES . . . . .	294.5	14.3	14.3	1.0	11.9	1.5	-	(Z)	-	-	-	-
34	FABRICATED METAL PRODUCTS. . . . .	3 922.8	905.8	905.8	6.7	893.0	6.0	-	(Z)	-	(Z)	(Z)	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	457.4	2.8	2.8	2.0	-	.9	-	(Z)	-	(Z)	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	861.8	4.8	4.8	2.6	-	2.1	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	2 009.9	9.3	9.3	7.5	.6	1.1	-	-	-	-	-	-
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	2 501.5	10.6	10.6	5.5	2.1	2.9	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ILLINOIS													
20	FOOD AND KINDRED PRODUCTS. . . . .	20 499.7	761.3	751.0	143.4	537.5	70.2	-	10.3	.7	9.2	.3	-
21	TOBACCO MANUFACTURES . . . . .	3 802.7	61.4	59.5	19.0	22.9	17.5	-	2.0	-	1.8	.1	-
22	TEXTILE MILL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
24	LUMBER AND WOOD PRODUCTS . . . . .	35.9	1.5	1.5	.2	-	1.2	-	-	-	-	-	-
25	FURNITURE AND FIXTURES . . . . .	96.1	.4	.4	.2	-	.3	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . . . .	321.5	22.5	22.0	1.9	13.1	6.9	-	.5	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	1 353.4	61.7	57.3	12.8	29.7	14.8	-	4.4	-	4.3	.1	-

See footnotes at end of table.

**TABLE 3. Water Intake by Source, Gross Water Used, and Water Discharged by Discharge Point: 1968—Continued**

**C. STATES AND MAJOR INDUSTRY GROUPS—Continued**

(All water data in billions of gallons)

Code	State and major industry group	Gross water used, including recirculation or reuse	Water discharged, by point of discharge						Treated before discharge (included in total)
			Total	Public utility sewer	Surface water body	Tidewater body	Ground	Transferred to other users	
NEW YORK									
25	FURNITURE AND FIXTURES . . . . .	.1	.1	.1	(Z)	-	-	-	(Z)
26	PAPER AND ALLIED PRODUCTS . . . . .	144.2	60.8	3.5	56.9	(Z)	(Z)	.4	13.7
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	198.4	129.9	24.5	98.7	4.9	.3	1.5	14.1
29	PETROLEUM AND COAL PRODUCTS . . . . .	(0)	(D)	(0)	(D)	(0)	(D)	(D)	(0)
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	9.8	4.7	.7	3.7	(Z)	.2	.1	.1
31	LEATHER AND LEATHER PRODUCTS . . . . .	.5	.4	.3	.1	-	-	-	.2
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	11.1	7.2	2.5	3.9	.4	.1	.1	.8
33	PRIMARY METAL INDUSTRIES . . . . .	331.1	156.1	6.2	148.5	.7	.7	(Z)	75.5
34	FABRICATED METAL PRODUCTS . . . . .	8.8	2.2	1.2	1.1	-	(Z)	-	.4
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	66.3	50.2	4.3	45.6	.1	.2	-	1.9
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	34.1	14.1	6.5	5.6	(Z)	1.9	(Z)	6.8
37	TRANSPORTATION EQUIPMENT . . . . .	38.3	18.4	3.3	10.6	1.0	3.5	(Z)	1.5
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	74.7	15.0	4.4	9.5	.4	.2	.5	10.3
39	MISC. MANUFACTURING INDUSTRIES . . . . .	1.9	1.3	.2	.7	.4	.1	-	.1
NEW JERSEY									
20	FOOD AND KINORED PRODUCTS . . . . .	797.9	391.4	47.0	68.7	269.5	5.3	.8	152.9
22	TEXTILE MILL PRODUCTS . . . . .	35.5	15.7	8.0	2.6	1.9	2.7	.5	4.6
26	PAPER AND ALLIED PRODUCTS . . . . .	2.2	1.9	1.9	(Z)	(Z)	-	-	(Z)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	142.9	17.5	6.2	9.5	1.7	(Z)	(Z)	9.3
29	PETROLEUM AND COAL PRODUCTS . . . . .	286.5	188.4	16.8	24.2	146.1	1.0	.3	86.2
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	214.0	100.5	.2	2.6	97.5	(Z)	.1	44.2
31	LEATHER AND LEATHER PRODUCTS . . . . .	8.4	5.4	1.7	1.3	2.2	.2	(Z)	.4
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	.7	.6	.6	-	(Z)	(Z)	-	.2
33	PRIMARY METAL INDUSTRIES . . . . .	16.4	11.3	.4	4.7	6.1	.1	-	1.9
34	FABRICATED METAL PRODUCTS . . . . .	36.7	20.4	2.3	6.3	10.8	1.0	(Z)	2.4
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	2.3	1.4	.9	.2	(Z)	.2	-	.5
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	9.8	9.0	1.5	7.4	.1	(Z)	-	.2
37	TRANSPORTATION EQUIPMENT . . . . .	21.7	11.3	3.8	6.8	.6	.1	-	.4
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	14.9	2.7	1.1	1.4	.1	-	(Z)	.4
39	MISC. MANUFACTURING INDUSTRIES . . . . .	2.2	1.6	.8	.7	(Z)	(Z)	-	-
PENNSYLVANIA									
20	FOOD AND KINORED PRODUCTS . . . . .	2 559.9	1 470.0	42.9	1 277.8	135.0	10.1	4.1	442.5
21	TOBACCO MANUFACTURES . . . . .	50.5	33.0	6.4	19.1	4.7	2.7	.1	2.2
22	TEXTILE MILL PRODUCTS . . . . .	(0)	(D)	(0)	(D)	(D)	(D)	(D)	(0)
24	LUMBER AND WOOD PRODUCTS . . . . .	3.7	3.0	1.7	1.2	(Z)	(Z)	(Z)	1.0
25	FURNITURE AND FIXTURES . . . . .	(D)	(0)	(0)	(D)	(D)	(D)	(D)	(0)
26	PAPER AND ALLIED PRODUCTS . . . . .	.8	.2	.1	.1	-	(Z)	-	(Z)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	201.3	57.6	4.4	45.7	7.3	.2	(Z)	32.3
29	PETROLEUM AND COAL PRODUCTS . . . . .	254.6	165.6	7.6	138.3	19.2	.2	1.4	9.2
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	384.0	107.8	.2	9.2	96.9	.1	1.4	98.7
31	LEATHER AND LEATHER PRODUCTS . . . . .	12.6	4.0	1.4	2.4	.1	(Z)	.1	.5
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	1.3	.9	.3	.4	-	.2	-	.7
33	PRIMARY METAL INDUSTRIES . . . . .	39.6	21.3	.9	18.7	(Z)	1.7	(Z)	1.2
34	FABRICATED METAL PRODUCTS . . . . .	1 508.2	1 041.3	8.8	1 027.1	(Z)	4.4	1.1	291.7
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	10.4	5.4	1.8	3.4	.1	.1	(Z)	1.0
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	28.9	13.1	2.4	4.1	6.5	(Z)	(Z)	.4
37	TRANSPORTATION EQUIPMENT . . . . .	26.4	9.2	3.5	5.3	(Z)	.3	(Z)	2.0
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	28.1	4.0	1.8	2.0	.2	-	(Z)	.7
39	MISC. MANUFACTURING INDUSTRIES . . . . .	1.2	.9	.6	.2	(Z)	.1	-	.1
EAST NORTH CENTRAL DIVISION.									
	OHIO . . . . .	7 501.2	3 865.9	459.7	3 346.7	-	46.6	12.8	1 210.7
INDIANA									
20	FOOD AND KINORED PRODUCTS . . . . .	2 157.1	1 128.5	138.0	969.0	-	12.4	9.1	246.3
22	TEXTILE MILL PRODUCTS . . . . .	28.9	15.1	10.2	4.2	-	.6	.1	6.9
24	LUMBER AND WOOD PRODUCTS . . . . .	9.0	1.1	1.1	-	-	-	-	-
25	FURNITURE AND FIXTURES . . . . .	(D)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
26	PAPER AND ALLIED PRODUCTS . . . . .	.5	.4	.1	.4	-	-	-	.1
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	166.3	38.6	4.0	33.7	-	.7	.2	26.4
29	PETROLEUM AND COAL PRODUCTS . . . . .	299.5	129.9	39.8	87.7	-	.9	1.4	33.1
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	226.8	54.4	.7	50.7	-	.1	2.9	14.1
31	LEATHER AND LEATHER PRODUCTS . . . . .	80.4	41.5	4.5	37.0	-	(Z)	-	1.0
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	2.6	2.5	2.5	.1	-	-	-	2.4
33	PRIMARY METAL INDUSTRIES . . . . .	49.9	18.5	2.8	15.2	-	.5	.1	3.1
34	FABRICATED METAL PRODUCTS . . . . .	1 152.7	774.1	43.6	719.5	-	6.6	4.4	147.4
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	38.1	10.3	5.2	3.2	-	1.9	(Z)	1.4
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	16.7	8.6	6.0	2.1	-	.5	-	.3
37	TRANSPORTATION EQUIPMENT . . . . .	27.3	17.3	9.2	8.0	-	.1	-	7.4
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	54.3	14.3	7.6	6.2	-	.4	(Z)	2.5
39	MISC. MANUFACTURING INDUSTRIES . . . . .	.3	.3	.1	.1	-	(Z)	-	(Z)
ILLINOIS									
20	FOOD AND KINORED PRODUCTS . . . . .	1 666.6	652.9	80.8	550.6	-	21.0	.5	195.8
21	TOBACCO MANUFACTURES . . . . .	119.2	53.7	30.6	22.0	-	1.1	(Z)	6.3
22	TEXTILE MILL PRODUCTS . . . . .	(0)	(0)	(0)	(D)	(D)	(D)	(D)	(0)
24	LUMBER AND WOOD PRODUCTS . . . . .	1.5	1.5	.2	-	-	1.2	-	1.4
25	FURNITURE AND FIXTURES . . . . .	.6	.4	.2	.2	-	(Z)	-	.1
26	PAPER AND ALLIED PRODUCTS . . . . .	52.9	20.3	3.5	16.7	-	.1	.1	6.2
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	246.5	56.4	7.3	48.7	-	.4	(Z)	13.1

See footnotes at end of table.



**TABLE 3. Water Intake by Source, Gross Water Used, and Water Discharged by Discharge Point: 1968—Continued**

C. STATES AND MAJOR INDUSTRY GROUPS—Continued

(All water data in billions of gallons)

Code	State and major industry group	Value of shipments  (million dollars)	Water intake by source												
			Total	Fresh water						Brackish water					
				Total	From public water systems	From company water systems			Total	From public water systems	From company water systems				
						Surface	Ground	Tidewater			Surface	Ground	Tidewater		
29	ILLINOIS														
30	PETROLEUM AND COAL PRODUCTS. . . . .	1 318.8	142.0	141.7	71.2	60.6	9.9	-	.3	.3	-	-	-	-	
31	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	306.8	4.0	4.0	1.5	(2)	2.6	-	-	-	-	-	-	-	
32	LEATHER AND LEATHER PRODUCTS . . . . .	86.9	1.0	1.0	.6	.3	.1	-	-	-	-	-	-	-	
33	STONE, CLAY, AND GLASS PRODUCTS. . . . .	463.2	31.6	31.5	2.4	28.0	1.1	-	.1	-	(2)	.1	-	-	
34	PRIMARY METAL INDUSTRIES . . . . .	2 621.6	366.6	364.6	9.2	347.4	7.9	-	2.0	-	2.0	-	-	-	
35	FABRICATED METAL PRODUCTS. . . . .	1 238.2	7.0	7.0	4.8	.3	2.0	-	-	-	-	-	-	-	
36	MACHINERY, EXCEPT ELECTRICAL . . . . .	3 562.8	22.9	21.8	5.3	14.6	1.9	-	1.0	-	1.0	-	-	-	
37	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	2 900.7	8.9	8.9	8.0	(2)	.9	-	-	-	-	-	-	-	
38	TRANSPORTATION EQUIPMENT . . . . .	1 556.9	3.5	3.5	2.8	-	.7	-	-	-	-	-	-	-	
39	INSTRUMENTS AND RELATED PRODUCTS . . . . .	523.3	3.3	3.3	1.9	1.2	.2	-	-	-	-	-	-	-	
39	MISC. MANUFACTURING INDUSTRIES . . . . .	96.3	.7	.7	.7	-	(2)	-	-	-	-	-	-	-	
20	MICHIGAN . . . . .	24 417.6	891.7	744.7	88.6	627.7	28.3	-	147.0	2.3	143.8	.9	-	-	
22	FOOD AND KINDRED PRODUCTS. . . . .	1 001.6	16.3	16.3	6.1	5.6	4.6	-	.1	-	.1	(2)	-	-	
24	TEXTILE MILL PRODUCTS. . . . .	46.9	.1	.1	.1	-	-	-	-	-	-	-	-	-	
25	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	
26	FURNITURE AND FIXTURES . . . . .	175.3	.6	.6	.4	-	.2	-	-	-	-	-	-	-	
28	PAPER AND ALLIED PRODUCTS. . . . .	488.6	74.7	63.2	1.4	55.1	6.7	-	11.5	-	11.5	-	-	-	
29	CHEMICALS AND ALLIED PRODUCTS. . . . .	1 293.4	198.1	190.5	6.7	176.5	7.3	-	7.6	-	6.8	.8	-	-	
30	PETROLEUM AND COAL PRODUCTS. . . . .	304.1	37.1	6.2	1.6	4.0	.6	-	31.0	-	31.0	-	-	-	
31	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	238.0	7.9	7.9	1.9	5.6	.4	-	-	-	-	-	-	-	
32	LEATHER AND LEATHER PRODUCTS . . . . .	26.5	.8	.8	.2	.6	-	-	-	-	-	-	-	-	
33	STONE, CLAY, AND GLASS PRODUCTS. . . . .	272.7	19.2	19.1	1.5	17.3	.2	-	.1	.1	-	-	-	-	
34	PRIMARY METAL INDUSTRIES . . . . .	2 456.8	419.4	331.4	17.3	311.7	2.2	-	88.1	.1	87.9	.2	-	-	
35	FABRICATED METAL PRODUCTS. . . . .	1 572.0	7.6	7.3	6.7	.1	.5	-	.3	-	.3	-	-	-	
36	MACHINERY, EXCEPT ELECTRICAL . . . . .	1 503.1	7.0	6.9	4.1	1.2	1.7	-	.1	-	.1	-	-	-	
37	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	656.3	4.0	3.4	3.0	(2)	.4	-	.6	-	.6	-	-	-	
38	TRANSPORTATION EQUIPMENT . . . . .	14 150.1	95.9	90.3	37.0	49.9	3.4	-	5.7	-	5.7	-	-	-	
39	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	
39	MISC. MANUFACTURING INDUSTRIES . . . . .	57.5	.1	.1	.1	-	-	-	-	-	-	-	-	-	
20	WISCONSIN. . . . .	7 800.8	293.3	289.7	51.6	213.7	24.4	-	3.7	-	3.7	-	-	-	
22	FOOD AND KINDRED PRODUCTS. . . . .	1 609.3	35.8	35.8	12.4	13.9	9.4	-	-	-	-	-	-	-	
24	TEXTILE MILL PRODUCTS. . . . .	80.4	.3	.3	.3	(2)	(2)	-	-	-	-	-	-	-	
25	LUMBER AND WOOD PRODUCTS . . . . .	30.0	.4	.4	.1	.4	-	-	-	-	-	-	-	-	
26	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	
28	PAPER AND ALLIED PRODUCTS. . . . .	904.4	187.8	187.8	6.6	172.3	8.8	-	-	-	-	-	-	-	
29	CHEMICALS AND ALLIED PRODUCTS. . . . .	277.8	17.4	17.4	2.6	14.8	-	-	-	-	-	-	-	-	
30	PETROLEUM AND COAL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	
31	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	110.0	4.6	4.6	4.4	(2)	.2	-	-	-	-	-	-	-	
32	LEATHER AND LEATHER PRODUCTS . . . . .	102.0	2.6	2.6	1.9	.4	.3	-	(2)	-	(2)	-	-	-	
33	STONE, CLAY, AND GLASS PRODUCTS. . . . .	22.3	4.4	4.4	.1	4.2	.1	-	.1	-	.1	-	-	-	
34	PRIMARY METAL INDUSTRIES . . . . .	505.0	10.0	6.6	4.2	1.3	1.0	-	3.4	-	3.4	-	-	-	
35	FABRICATED METAL PRODUCTS. . . . .	508.0	3.4	3.4	2.9	(2)	.4	-	.1	-	.1	-	-	-	
36	MACHINERY, EXCEPT ELECTRICAL . . . . .	1 635.1	15.8	15.7	7.6	6.2	1.9	-	.1	-	.1	-	-	-	
37	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	777.2	4.5	4.5	4.1	(2)	.4	-	-	-	-	-	-	-	
38	TRANSPORTATION EQUIPMENT . . . . .	944.1	3.5	3.5	3.3	-	.3	-	-	-	-	-	-	-	
39	INSTRUMENTS AND RELATED PRODUCTS . . . . .	71.2	.2	.2	.2	-	(2)	-	-	-	-	-	-	-	
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	
20	WEST NORTH CENTRAL DIVISION. . . . .	22 754.8	413.8	407.1	83.8	210.9	112.5	-	6.6	-	4.8	1.9	-	-	
20	MINNESOTA. . . . .	5 008.9	120.8	120.1	10.6	72.9	36.5	-	.7	-	.5	.2	-	-	
22	FOOD AND KINDRED PRODUCTS. . . . .	2 030.3	31.1	30.5	5.8	4.4	20.3	-	.7	-	.5	.2	-	-	
24	TEXTILE MILL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	
25	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	
26	PAPER AND ALLIED PRODUCTS. . . . .	363.7	58.0	58.0	.7	53.3	4.0	-	-	-	-	-	-	-	
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	
29	PETROLEUM AND COAL PRODUCTS. . . . .	150.5	3.2	3.2	.6	-	2.7	-	-	-	-	-	-	-	
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	16.2	.2	.2	.1	(2)	.1	-	-	-	-	-	-	-	
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	
33	PRIMARY METAL INDUSTRIES . . . . .	77.6	15.6	15.6	.3	14.3	1.0	-	-	-	-	-	-	-	
34	FABRICATED METAL PRODUCTS. . . . .	60.3	.8	.8	.2	-	.6	-	-	-	-	-	-	-	
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	854.5	.8	.8	.4	-	.4	-	-	-	-	-	-	-	
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	265.0	.9	.9	.2	-	.7	-	-	-	-	-	-	-	
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	
20	IOWA . . . . .	5 244.8	111.7	111.6	11.2	70.6	29.8	-	.1	-	-	.1	-	-	
22	FOOD AND KINDRED PRODUCTS. . . . .	2 961.6	50.5	50.5	6.5	22.7	21.4	-	-	-	-	-	-	-	
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	
26	PAPER AND ALLIED PRODUCTS. . . . .	11.7	1.3	1.3	.1	.4	.8	-	-	-	-	-	-	-	
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	192.8	12.5	12.5	.1	10.3	2.0	-	-	-	-	-	-	-	
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	59.3	8.6	8.5	.1	8.1	.3	-	.1	-	.1	-	-	-	
33	PRIMARY METAL INDUSTRIES . . . . .	218.1	17.4	17.4	.4	16.9	.1	-	-	-	-	-	-	-	
34	FABRICATED METAL PRODUCTS. . . . .	69.2	.5	.5	.2	-	.3	-	-	-	-	-	-	-	
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	857.1	15.9	15.9	1.4	11.6	2.9	-	-	-	-	-	-	-	
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	560.3	1.6	1.6	1.3	-	.3	-	-	-	-	-	-	-	
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	
20	MISSOURI . . . . .	7 014.4	97.1	93.0	36.0	40.1	16.9	-	4.1	-	4.1	.1	-	-	
22	FOOD AND KINDRED PRODUCTS. . . . .	1 596.7	18.1	18.1	9.0	1.4	7.7	-	-	-	-	-	-	-	
21	TOBACCO MANUFACTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	
22	TEXTILE MILL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	
26	PAPER AND ALLIED PRODUCTS. . . . .	96.5	1.2	1.2	1.0	-	.1	-	-	-	-	-	-	-	
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	464.3	27.1	27.0	6.3	18.2	2.5	-	.1	-	(2)	(2)	-	-	
29	PETROLEUM AND COAL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	131.4	9.8	5.7	.7	2.8	2.2	-	4.0	-	4.0	-	-	-	
33	PRIMARY METAL INDUSTRIES . . . . .	271.8	24.7	24.7	6.9	15.4	2.4	-	-	-	-	-	-	-	
34	FABRICATED METAL PRODUCTS. . . . .	275.5	1.4	1.4	1.2	-	.2	-	-	-	-	-	-	-	
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	258.1	.8	.8	.6	-	.2	-	-	-	-	-	-	-	

See footnotes at end of table.



**TABLE 3. Water Intake by Source, Gross Water Used, and Water Discharged by Discharge Point: 1968—Continued**

**C. STATES AND MAJOR INDUSTRY GROUPS—Continued**

(All water data in billions of gallons)

(All water data in millions of gallons)									
Code	State and major industry group	Gross water used, including recirculation or reuse	Water discharged, by point of discharge					Treated before discharge (included in total)	
			Total	Public utility sewer	Surface water body	Tidewater body	Ground		Transferred to other users
ILLINOIS									
29	PETROLEUM AND COAL PRODUCTS . . . . .	504.4	65.1	1.6	59.0	-	4.5	(2)	13.2
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	10.7	3.9	2.1	1.7	-	(2)	(2)	1.1
31	LEATHER AND LEATHER PRODUCTS . . . . .	1.2	.9	.6	.3	-	(2)	-	.4
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	40.8	30.2	.9	28.5	-	.8	(2)	1.9
33	PRIMARY METAL INDUSTRIES . . . . .	531.3	354.5	8.4	333.4	-	12.6	.1	139.0
34	FABRICATED METAL PRODUCTS . . . . .	21.8	6.7	6.1	.5	-	(2)	-	1.0
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	48.3	21.9	6.5	15.3	-	.1	.1	9.1
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	42.5	8.0	7.5	.5	-	(2)	(2)	.9
37	TRANSPORTATION EQUIPMENT . . . . .	16.5	3.1	2.2	.9	-	(2)	-	1.2
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	4.4	3.3	1.9	1.4	-	(2)	-	.2
39	MISC. MANUFACTURING INDUSTRIES . . . . .	.9	.7	.6	(2)	-	-	-	-
MICHIGAN . . . . .									
20	FOOD AND KINDRED PRODUCTS . . . . .	1 533.0	738.9	144.4	585.6	-	6.5	2.4	205.8
22	TEXTILE MILL PRODUCTS . . . . .	23.5	14.5	5.5	8.2	-	.8	(2)	2.8
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
25	FURNITURE AND FIXTURES . . . . .	.7	.6	.5	.1	-	(2)	-	(2)
26	PAPER AND ALLIED PRODUCTS . . . . .	147.9	69.7	8.2	60.8	-	.5	.2	29.7
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	251.8	148.4	47.9	95.7	-	3.3	1.6	44.4
29	PETROLEUM AND COAL PRODUCTS . . . . .	108.8	35.5	.6	34.8	-	(2)	.1	3.9
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	10.1	7.8	1.6	6.0	-	.3	-	.1
31	LEATHER AND LEATHER PRODUCTS . . . . .	1.1	.8	(2)	.8	-	(2)	-	.4
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	22.7	18.3	1.6	16.4	-	.1	.2	1.5
33	PRIMARY METAL INDUSTRIES . . . . .	626.4	334.9	36.1	298.1	-	.5	.2	113.8
34	FABRICATED METAL PRODUCTS . . . . .	31.4	7.3	5.9	1.3	-	.1	(2)	1.1
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	11.0	6.7	3.1	3.4	-	.2	-	.2
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	4.5	3.7	2.1	1.2	-	.4	-	(2)
37	TRANSPORTATION EQUIPMENT . . . . .	289.2	89.2	31.1	57.7	-	.3	.1	7.1
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	.1	.1	.1	-	-	-	-	-
WISCONSIN . . . . .									
20	FOOD AND KINDRED PRODUCTS . . . . .	523.0	272.9	52.4	215.3	-	4.5	.7	61.9
22	TEXTILE MILL PRODUCTS . . . . .	53.2	33.6	13.2	18.5	-	1.8	.1	4.6
24	LUMBER AND WOOD PRODUCTS . . . . .	.4	.3	.2	.2	-	-	-	-
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	347.9	174.6	7.0	166.9	-	.2	.5	47.5
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	20.6	14.8	.5	13.9	-	.4	(2)	3.8
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	6.8	4.5	3.5	1.0	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS . . . . .	3.2	2.6	2.6	(2)	-	-	-	1.4
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	6.9	4.3	.3	3.9	-	(2)	-	(2)
33	PRIMARY METAL INDUSTRIES . . . . .	13.8	9.3	6.2	2.7	-	.4	(2)	3.0
34	FABRICATED METAL PRODUCTS . . . . .	6.2	3.3	2.5	.6	-	.2	-	.2
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	23.5	15.3	8.5	6.7	-	(2)	(2)	.7
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	8.5	4.1	4.0	.1	-	-	-	.1
37	TRANSPORTATION EQUIPMENT . . . . .	22.6	3.3	3.0	.3	-	-	-	.1
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	.3	.2	.2	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WEST NORTH CENTRAL DIVISION . . . . .									
20	FOOD AND KINDRED PRODUCTS . . . . .	1 200.9	369.1	97.7	262.5	-	7.1	1.8	124.9
MINNESOTA . . . . .									
20	FOOD AND KINDRED PRODUCTS . . . . .	231.2	110.7	32.8	76.3	-	1.4	.3	30.6
22	TEXTILE MILL PRODUCTS . . . . .	49.9	30.0	16.9	11.8	-	1.0	.2	8.8
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	109.0	51.3	7.7	43.5	-	-	.1	5.1
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	32.9	2.4	.8	1.5	-	.1	-	1.5
31	LEATHER AND LEATHER PRODUCTS . . . . .	.2	.2	.1	.1	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34	FABRICATED METAL PRODUCTS . . . . .	19.1	15.3	.7	14.6	-	(2)	-	13.3
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	1.0	.8	.8	(2)	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	2.2	.8	.6	.1	-	(2)	(2)	(2)
37	TRANSPORTATION EQUIPMENT . . . . .	1.1	.9	.9	-	-	(2)	-	-
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
IOWA . . . . .									
20	FOOD AND KINDRED PRODUCTS . . . . .	182.1	107.4	18.0	88.0	-	1.3	.1	44.9
25	FURNITURE AND FIXTURES . . . . .	71.2	48.3	14.3	33.0	-	1.0	(2)	12.5
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	4.2	.9	.2	.7	-	-	(2)	.7
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	39.6	11.8	.1	11.7	-	(2)	-	10.6
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	8.7	8.5	(2)	8.3	-	.2	(2)	(2)
34	FABRICATED METAL PRODUCTS . . . . .	25.7	17.4	.2	17.2	-	-	-	10.8
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	.6	.5	.4	.1	-	(2)	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	18.6	15.2	.4	14.7	-	(2)	.1	9.6
37	TRANSPORTATION EQUIPMENT . . . . .	3.5	1.5	1.2	.3	-	-	-	.4
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MISSOURI . . . . .									
20	FOOD AND KINDRED PRODUCTS . . . . .	339.6	88.7	30.6	55.7	-	2.0	.4	20.2
21	TOBACCO MANUFACTURES . . . . .	34.6	16.0	10.8	4.9	-	.2	.1	.6
22	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	6.5	1.0	.9	.1	-	-	-	.2
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	105.4	25.7	5.4	19.8	-	.3	.2	.5
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	10.6	7.4	.5	6.0	-	1.0	-	1.0
33	PRIMARY METAL INDUSTRIES . . . . .	31.7	23.3	5.4	17.9	-	(2)	-	13.8
34	FABRICATED METAL PRODUCTS . . . . .	2.0	1.4	.7	.4	-	.2	-	.3
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	3.1	.8	.5	.2	-	(2)	(2)	.1

See footnotes at end of table.

**TABLE 3. Water Intake by Source, Gross Water Used, and Water Discharged by Discharge Point: 1968—Continued**

**C. STATES AND MAJOR INDUSTRY GROUPS—Continued**

(All water data in billions of gallons)

Code	State and major industry group	Value of shipments  (million dollars)	Water intake by source										
			Total	Fresh water					Brackish water				
				Total	From public water systems	From company water systems			Total	From public water systems	From company water systems		
						Surface	Ground	Tidewater			Surface	Ground	Tidewater
(All water data in billions of gallons)													
MISSOURI													
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	284.9	1.9	1.9	1.9	(Z)	(Z)	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	3 027.7	3.9	3.9	3.9	-	-	-	(Z)	-	-	(Z)	-
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
NORTH DAKOTA . . . . .													
20	FOOD AND KINDRED PRODUCTS . . . . .	147.9	2.1	2.1	(Z)	1.9	.2	-	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS . . . . .	65.4	1.2	1.2	(Z)	1.0	.2	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
SOUTH DAKOTA . . . . .													
20	FOOD AND KINDRED PRODUCTS . . . . .	369.4	2.9	2.9	1.6	1.1	.2	-	(Z)	-	(Z)	-	-
	FOOD AND KINDRED PRODUCTS . . . . .	369.4	2.9	2.9	1.6	1.1	.2	-	(Z)	-	(Z)	-	-
NEBRASKA . . . . .													
20	FOOD AND KINDRED PRODUCTS . . . . .	1 802.3	24.6	24.6	7.2	4.6	12.7	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	1 228.3	11.6	11.6	5.0	2.9	3.7	-	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS . . . . .	70.6	9.1	9.1	1.0	1.4	6.7	-	-	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	15.3	.8	.8	(Z)	.3	.5	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
KANSAS . . . . .													
20	FOOD AND KINDRED PRODUCTS . . . . .	3 167.1	54.5	52.9	17.0	19.8	16.1	-	1.7	-	.1	1.5	-
26	PAPER AND ALLIED PRODUCTS . . . . .	482.9	4.2	4.2	1.7	-	2.5	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
29	PETROLEUM AND COAL PRODUCTS . . . . .	419.5	33.7	32.2	9.8	14.7	7.7	-	1.5	-	-	1.5	-
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	656.5	7.4	7.3	2.1	2.1	3.0	-	.1	-	.1	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	80.4	3.2	3.2	.6	2.5	.1	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	1 214.3	1.7	1.7	1.3	-	.4	-	-	-	-	-	-
SOUTH ATLANTIC DIVISION . . . . .													
	DELAWARE . . . . .	3 1646.2	2 424.4	1 804.9	155.9	1 206.2	321.8	121.0	619.5	-	56.9	30.8	531.8
20	FOOD AND KINDRED PRODUCTS . . . . .	1 957.9	183.1	46.6	6.7	8.0	4.3	27.6	136.5	-	-	-	136.5
22	TEXTILE MILL PRODUCTS . . . . .	282.3	2.2	2.2	.8	-	1.5	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	384.2	48.6	34.7	3.1	3.1	2.1	26.5	13.9	-	-	-	13.9
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	48.9	1.4	1.4	1.3	.1	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MARYLAND . . . . .													
20	FOOD AND KINDRED PRODUCTS . . . . .	4 493.1	436.0	155.8	28.0	118.2	9.4	.2	280.2	-	-	.7	279.5
22	TEXTILE MILL PRODUCTS . . . . .	675.9	14.7	7.5	3.9	.9	2.6	.1	7.3	-	-	-	7.3
24	LUMBER AND WOOD PRODUCTS . . . . .	17.3	.3	.3	(Z)	.3	(Z)	-	-	-	-	-	-
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	487.3	46.5	25.9	5.3	18.4	2.0	.2	20.6	-	-	-	20.6
29	PETROLEUM AND COAL PRODUCTS . . . . .	23.9	.3	.2	.1	-	.1	-	.1	-	-	-	.1
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	129.1	1.9	1.9	.8	1.0	(Z)	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	122.1	5.7	4.9	1.3	3.7	(Z)	-	.7	-	-	.7	-
33	PRIMARY METAL INDUSTRIES . . . . .	1 079.9	303.4	53.5	4.3	44.6	4.5	-	249.9	-	-	-	249.9
34	FABRICATED METAL PRODUCTS . . . . .	175.7	1.2	1.2	1.2	-	(Z)	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	492.9	8.2	8.2	8.2	-	(Z)	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	1 029.9	5.7	4.1	2.2	1.9	(Z)	-	1.6	-	-	-	1.6
DISTRICT OF COLUMBIA . . . . .													
20	FOOD AND KINDRED PRODUCTS . . . . .	30.0	.1	.1	.1	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	28.2	.1	.1	.1	-	-	-	-	-	-	-	-
VIRGINIA . . . . .													
20	FOOD AND KINDRED PRODUCTS . . . . .	4 263.5	349.6	286.6	18.1	143.9	32.3	92.2	63.0	-	29.3	.1	33.6
21	TBACCO MANUFACTURES . . . . .	526.3	2.8	2.8	1.6	.4	.8	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS . . . . .	407.7	2.5	2.5	.3	2.2	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . . . .	556.7	12.8	12.6	1.4	9.9	1.3	-	.2	-	.1	.1	-
25	FURNITURE AND FIXTURES . . . . .	16.5	.2	.2	.1	(Z)	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	80.5	.2	.2	.1	.1	(Z)	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	293.0	72.4	68.4	1.1	47.9	19.4	-	4.1	-	.5	-	3.6
29	PETROLEUM AND COAL PRODUCTS . . . . .	1 011.2	218.4	187.7	8.6	78.3	8.6	92.2	30.7	-	28.6	-	2.2
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31	LEATHER AND LEATHER PRODUCTS . . . . .	51.7	1.9	1.9	.3	-	1.6	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	72.8	4.5	4.2	.1	3.9	.2	-	.2	-	.2	-	-
34	FABRICATED METAL PRODUCTS . . . . .	169.4	2.2	2.2	1.4	.7	(Z)	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	105.0	.6	.6	.2	.4	(Z)	-	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WEST VIRGINIA . . . . .													
20	FOOD AND KINDRED PRODUCTS . . . . .	2 877.1	634.5	631.0	7.4	600.4	23.1	-	3.6	-	2.2	1.4	-
22	TEXTILE MILL PRODUCTS . . . . .	30.5	.3	.3	.2	-	.1	-	-	-	-	-	(D)

See footnotes at end of table.



**TABLE 3. Water Intake by Source, Gross Water Used, and Water Discharged by Discharge Point: 1968—Continued**

**C. STATES AND MAJOR INDUSTRY GROUPS—Continued**

(All water data in billions of gallons)

		Gross water used, including recirculation or reuse	Water discharged, by point of discharge						Treated before discharge (included in total)
Code	State and major industry group		Total	Public utility sewer	Surface water body	Tidewater body	Ground	Transferred to other users	
MISSOURI									
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	25.7	1.8	1.6	.2	-	.1	-	.4
37	TRANSPORTATION EQUIPMENT . . . . .	65.4	3.6	1.4	2.0	-	.1	.1	.5
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
NDRTH DAKOTA . . . . .									
20	FOOD AND KINDRED PRODUCTS . . . . .	17.5	1.4	.2	1.2	-	-	.1	1.2
29	PETROLEUM AND COAL PRODUCTS . . . . .	2.4	1.0	.2	.8	-	-	.1	.8
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
SOUTH OAKOTA . . . . .									
20	FOOD AND KINDRED PRDDUCTS . . . . .	9.1	2.8	2.2	.6	-	(Z)	-	1.5
NEBRASKA . . . . .									
20	FOOD AND KINDRED PRODUCTS . . . . .	72.7	21.3	6.6	13.3	-	.5	.9	6.6
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	22.9	9.5	5.6	2.9	-	.1	.9	4.4
29	PETROLEUM AND COAL PRODUCTS . . . . .	38.6	8.3	.4	7.9	-	(Z)	(Z)	.8
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	1.0	.5	(Z)	.5	-	-	-	-
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
KANSAS . . . . .									
20	FOOD AND KINDRED PRODUCTS . . . . .	348.6	36.8	7.5	27.3	-	1.9	(Z)	19.9
26	PAPER AND ALLIED PRODUCTS . . . . .	7.0	3.7	2.5	.4	-	.8	-	.7
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
29	PETROLEUM AND COAL PRODUCTS . . . . .	147.1	22.1	.6	20.6	-	.9	(Z)	14.5
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	156.8	3.5	.2	3.2	-	.1	-	3.0
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	4.2	2.0	1.9	.1	-	(Z)	-	1.0
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	20.4	1.5	.9	.6	-	.1	-	.2
SOUTH ATLANTIC DIVISION . . . . .									
		S 040.1	2 281.0	81.9	1 261.8	876.2	18.3	42.8	706.2
DELAWARE . . . . .									
20	FOOD AND KINDRED PRODUCTS . . . . .	259.1	179.0	6.8	4.4	165.9	.3	1.7	125.7
22	TEXTILE MILL PRODUCTS . . . . .	3.4	1.9	.5	1.0	-	.3	-	.8
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	2.9	2.7	1.7	.9	-	-	-	.6
29	PETROLEUM AND COAL PRODUCTS . . . . .	80.4	46.4	1.4	2.0	43.0	(Z)	(Z)	3.0
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31	LEATHER AND LEATHER PRODUCTS . . . . .	1.9	1.4	1.2	.2	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MARYLAND . . . . .									
20	FOOD AND KINDRED PRODUCTS . . . . .	581.0	404.9	14.7	52.3	335.1	.8	2.1	122.4
22	TEXTILE MILL PRODUCTS . . . . .	22.0	13.6	2.9	1.9	8.1	.7	.1	2.3
24	LUMBER AND WOOD PRODUCTS . . . . .	.3	.3	(Z)	.3	(Z)	-	-	.3
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	60.0	45.8	.6	20.3	24.9	-	(Z)	10.5
29	PETROLEUM AND COAL PRODUCTS . . . . .	1.1	.2	.1	-	.2	-	-	.2
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	7.4	1.8	(Z)	1.7	-	-	-	.7
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	7.0	4.3	.2	4.0	.1	(Z)	-	.1
33	PRIMARY METAL INDUSTRIES . . . . .	372.6	299.8	.6	-	299.2	-	-	96.2
34	FABRICATED METAL PRODUCTS . . . . .	1.4	1.2	1.1	(Z)	(Z)	-	-	(Z)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	11.0	7.9	7.6	.2	.1	(Z)	-	.1
37	TRANSPORTATION EQUIPMENT . . . . .	22.6	5.6	1.0	.2	2.4	(Z)	2.0	(Z)
DISTRICT OF COLUMBIA . . . . .									
20	FOOD AND KINDRED PRODUCTS . . . . .	.2	.1	.1	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRDDUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
VIRGINIA . . . . .									
20	FOOD AND KINDRED PRODUCTS . . . . .	741.4	326.2	5.1	180.5	110.0	.9	29.7	80.0
21	TOBACCO MANUFACTURES . . . . .	5.4	2.5	.8	1.0	.4	.3	(Z)	1.2
22	TEXTILE MILL PRODUCTS . . . . .	7.0	2.3	.2	2.1	-	-	-	.4
24	LUMBER AND WOOD PRODUCTS . . . . .	21.0	12.3	.8	11.1	-	(Z)	.3	5.9
25	FURNITURE AND FIXTURES . . . . .	.2	.1	(Z)	.1	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	.3	.2	.1	(Z)	-	(Z)	-	(Z)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	248.1	68.0	1.1	58.8	7.9	.2	-	27.5
29	PETROLEUM AND COAL PRODUCTS . . . . .	388.4	202.6	.3	99.0	73.6	.3	29.3	43.0
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31	LEATHER AND LEATHER PRODUCTS . . . . .	3.9	1.9	.2	1.7	-	-	-	(Z)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	5.0	4.0	.1	3.6	.2	(Z)	(Z)	.1
34	FABRICATED METAL PRODUCTS . . . . .	11.2	2.1	.1	2.0	-	(Z)	-	(Z)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	.7	.6	.1	.5	-	-	-	.5
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WEST VIRGINIA . . . . .									
20	FOOD AND KINDRED PRODUCTS . . . . .	824.1	610.4	6.9	603.4	-	.1	.1	76.9
22	TEXTILE MILL PRODUCTS . . . . .	.3	.2	.2	(Z)	-	-	-	(Z)
		(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.



**TABLE 3. Water Intake by Source, Gross Water Used, and Water Discharged by Discharge Point: 1968—Continued**

**C. STATES AND MAJOR INDUSTRY GROUPS—Continued**

(All water data in billions of gallons)

Code	State and major industry group	Value of shipments  (million dollars)	Water intake by source										
			Total	Fresh water						Brackish water			
				Total	From public water systems	From company water systems			Total	From public water systems	From company water systems		
						Surface	Ground	Tidewater			Surface	Ground	Tidewater
26	WEST VIRGINIA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
29	CHEMICALS AND ALLIED PRODUCTS . . . . .	1 285.0	464.1	462.2	3.7	440.7	17.7	-	1.9	-	.5	1.4	-
30	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	STONE, CLAY, AND GLASS PRODUCTS . . . . .	227.8	3.3	3.3	1.3	.4	1.6	-	-	-	-	-	-
34	PRIMARY METAL INDUSTRIES . . . . .	957.0	162.0	160.4	.9	156.8	2.7	-	1.6	-	1.6	-	-
35	FABRICATED METAL PRODUCTS . . . . .	101.7	.7	.7	.3	.2	.2	-	-	-	-	-	-
36	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	96.1	.7	.7	.4	-	.4	-	-	-	-	-	-
38	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	NORTH CAROLINA . . . . .	6 423.6	157.1	156.2	29.6	120.8	5.9	-	.8	-	.8	(Z)	-
21	FOOD AND KINDRED PRODUCTS . . . . .	345.4	4.8	4.8	3.2	.4	1.1	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
24	LUMBER AND WOOD PRODUCTS . . . . .	2 420.0	32.5	32.5	15.9	15.7	1.0	-	(Z)	-	(Z)	-	-
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	146.5	.6	.6	.5	(Z)	(Z)	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	317.0	87.4	87.4	.2	86.6	.6	-	.1	-	.1	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	73.2	2.2	1.5	.5	.5	.6	-	.7	-	.7	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	93.6	1.4	1.4	.4	-	.9	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . . . .	64.7	.4	.4	.4	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	207.3	.2	.2	.2	-	-	-	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	494.4	2.5	2.5	1.8	.4	.4	-	-	-	-	-	-
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	SOUTH CAROLINA . . . . .	3 455.7	145.0	132.8	16.4	105.4	10.2	.9	12.2	-	.1	.3	11.8
21	FOOD AND KINDRED PRODUCTS . . . . .	67.2	1.4	1.4	1.2	-	.3	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS . . . . .	1 975.2	35.5	35.4	9.9	22.8	2.6	.1	.1	-	.1	-	-
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	295.9	67.4	55.6	.3	54.0	1.2	-	11.8	-	-	-	11.8
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	574.1	31.7	31.4	1.6	25.3	4.5	-	.3	-	.3	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	118.8	1.9	1.9	1.1	.4	.4	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	99.8	.8	.8	.8	-	(Z)	-	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	124.0	2.0	2.0	1.0	.5	-	.5	-	-	-	-	-
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	57.4	.4	.4	.4	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	GEORGIA . . . . .	5 506.3	231.2	189.4	32.3	61.1	96.0	-	41.7	-	.3	.2	41.3
21	FOOD AND KINDRED PRODUCTS . . . . .	735.9	8.6	8.4	3.4	3.4	1.6	-	.2	-	(Z)	.2	-
22	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
24	LUMBER AND WOOD PRODUCTS . . . . .	1 647.3	25.7	25.5	11.2	7.8	6.5	-	.1	-	.1	(Z)	-
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	564.6	155.1	120.0	9.9	44.5	65.6	-	35.1	-	-	-	35.1
29	PETROLEUM AND COAL PRODUCTS . . . . .	308.1	33.1	26.9	2.9	2.6	21.4	-	6.2	-	-	-	6.2
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	80.9	2.0	2.0	.4	1.1	.5	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	149.5	.9	.9	.5	.4	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	1 734.3	3.2	3.2	2.8	.4	-	-	-	-	-	-	-
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	FLORIDA . . . . .	2 639.0	287.7	206.3	17.2	48.4	140.5	.1	81.4	-	24.2	28.0	29.2
21	FOOD AND KINDRED PRODUCTS . . . . .	944.3	46.9	46.8	2.3	7.6	36.8	.1	.1	-	.1	(Z)	-
22	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	375.5	142.5	94.2	11.4	20.8	61.9	-	48.3	-	24.1	-	24.2
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	571.6	87.3	59.3	1.7	18.2	39.5	-	28.0	-	-	28.0	-
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	104.3	7.5	2.5	.8	1.2	.6	-	5.0	-	-	-	5.0
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34	FABRICATED METAL PRODUCTS . . . . .	88.9	.5	.5	.3	-	.2	-	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	191.9	1.0	.9	.2	.1	.7	-	(Z)	-	(Z)	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	EAST SOUTH CENTRAL DIVISION . . . . .	14 831.1	1 072.5	984.7	138.7	716.7	129.4	-	87.8	.2	49.5	.1	38.0
21	FOOD AND KINDRED PRODUCTS . . . . .	4 690.7	136.0	135.8	24.1	88.8	22.9	-	.1	-	(Z)	.1	-
22	TEXTILE MILL PRODUCTS . . . . .	693.0	10.2	10.2	3.2	3.1	3.9	-	(Z)	-	(Z)	-	-
24	LUMBER AND WOOD PRODUCTS . . . . .	531.9	.7	.7	.7	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
29	PETROLEUM AND COAL PRODUCTS . . . . .	603.1	70.8	70.8	11.2	46.0	13.6	-	-	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31	LEATHER AND LEATHER PRODUCTS . . . . .	86.0	1.4	1.4	.2	-	1.2	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	50.9	3.9	3.9	.8	2.9	.1	-	.1	-	.1	-	-
34	FABRICATED METAL PRODUCTS . . . . .	348.7	30.4	30.2	.8	25.8	3.6	-	.1	-	-	.1	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	255.4	1.9	1.9	1.6	-	.3	-	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	564.4	1.3	1.3	1.3	(Z)	(Z)	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	726.4	3.1	3.1	3.1	-	-	-	-	-	-	-	-
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 3. Water Intake by Source, Gross Water Used, and Water Discharged by Discharge Point: 1968—Continued

C. STATES AND MAJOR INDUSTRY GROUPS—Continued

(All water data in billions of gallons)

(All water data in millions of gallons)									
Code	State and major industry group	Gross water used, including recirculation or reuse	Water discharged, by point of discharge					Treated before discharge (included in total)	
			Total	Public utility sewer	Surface water body	Tidewater body	Ground		Transferred to other users
WEST VIRGINIA									
26	PAPER AND ALLIED PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	584.8	442.6	5.1	437.4	-	(Z)	.1	68.4
29	PETROLEUM AND COAL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31	LEATHER AND LEATHER PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	10.7	2.5	.2	2.3	-	(Z)	-	(Z)
33	PRIMARY METAL INDUSTRIES. . . . .	221.4	160.3	.7	159.6	-	-	-	5.5
34	FABRICATED METAL PRODUCTS. . . . .	.7	.7	(Z)	.6	-	(Z)	-	.1
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	.8	.7	(Z)	.7	-	-	-	(Z)
37	TRANSPORTATION EQUIPMENT. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
NORTH CAROLINA									
20	FOOD AND KINDRED PRODUCTS. . . . .	487.1	141.9	21.0	119.2	(Z)	.6	1.1	69.7
21	TOBACCO MANUFACTURES. . . . .	6.5	4.4	2.4	1.7	-	.2	(Z)	1.1
22	TEXTILE MILL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
24	LUMBER AND WOOD PRODUCTS. . . . .	92.8	28.7	14.8	13.8	-	.2	(Z)	12.7
25	FURNITURE AND FIXTURES. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS. . . . .	.9	.5	.3	.2	-	(Z)	-	-
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	214.8	81.5	(Z)	80.5	-	(Z)	1.0	51.4
29	PETROLEUM AND COAL PRODUCTS. . . . .	70.6	16.2	(Z)	16.1	-	.1	(Z)	3.3
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31	LEATHER AND LEATHER PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	12.7	.9	.3	.6	-	.1	-	.2
33	PRIMARY METAL INDUSTRIES. . . . .	4.5	1.3	.1	1.2	-	(Z)	(Z)	(Z)
34	FABRICATED METAL PRODUCTS. . . . .	.9	.3	.3	.1	-	(Z)	-	-
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	.3	.2	.1	.1	-	(Z)	-	(Z)
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	6.1	1.4	1.1	.2	-	(Z)	-	.4
38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
SOUTH CAROLINA									
20	FOOD AND KINDRED PRODUCTS. . . . .	476.7	133.1	9.3	72.2	42.3	8.8	.6	50.0
21	TOBACCO MANUFACTURES. . . . .	2.1	1.3	.3	1.0	(Z)	.1	-	.8
22	TEXTILE MILL PRODUCTS. . . . .	62.1	30.4	7.2	21.7	.4	.6	.5	17.3
24	LUMBER AND WOOD PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
25	FURNITURE AND FIXTURES. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS. . . . .	189.9	63.6	.4	20.2	41.4	1.7	(Z)	27.2
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	175.6	30.2	.3	23.2	.3	6.4	-	2.9
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	22.1	1.3	.4	.7	.1	-	.1	.7
33	PRIMARY METAL INDUSTRIES. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34	FABRICATED METAL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	12.8	.8	.3	.5	-	-	-	.5
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	3.5	1.4	.2	1.2	-	(Z)	(Z)	.2
38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	1.2	.3	.2	.1	-	(Z)	-	.1
39	MISC. MANUFACTURING INDUSTRIES. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
GEORGIA									
20	FOOD AND KINDRED PRODUCTS. . . . .	721.9	220.2	14.8	90.2	113.0	1.7	.8	69.6
21	TOBACCO MANUFACTURES. . . . .	13.1	7.9	2.6	2.3	2.9	(Z)	-	.9
22	TEXTILE MILL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
24	LUMBER AND WOOD PRODUCTS. . . . .	48.8	23.1	10.2	11.8	.5	.2	.3	7.5
26	PAPER AND ALLIED PRODUCTS. . . . .	526.1	150.8	.1	64.1	85.4	.9	.2	54.0
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	66.5	30.6	.2	5.9	24.1	.4	(Z)	4.5
29	PETROLEUM AND COAL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31	LEATHER AND LEATHER PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	9.7	1.7	.3	1.3	-	(Z)	(Z)	(Z)
33	PRIMARY METAL INDUSTRIES. . . . .	28.2	.7	.3	.4	-	(Z)	-	-
34	FABRICATED METAL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT. . . . .	23.4	3.1	.5	2.6	-	(Z)	-	1.4
38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
FLORIDA									
20	FOOD AND KINDRED PRODUCTS. . . . .	948.7	264.9	3.3	139.6	109.8	5.1	7.0	112.0
21	TOBACCO MANUFACTURES. . . . .	81.3	46.0	2.2	33.4	.9	3.2	6.3	6.1
22	TEXTILE MILL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
24	LUMBER AND WOOD PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS. . . . .	423.0	140.7	(Z)	72.6	67.2	.8	-	74.1
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	400.8	69.8	.1	32.2	36.3	.5	.7	30.4
29	PETROLEUM AND COAL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	11.4	5.8	.1	.2	5.1	.4	(Z)	.3
33	PRIMARY METAL INDUSTRIES. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34	FABRICATED METAL PRODUCTS. . . . .	.6	.5	.2	(Z)	.1	.2	-	.1
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	7.4	.9	.1	.7	.1	(Z)	(Z)	.3
37	TRANSPORTATION EQUIPMENT. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
EAST SOUTH CENTRAL DIVISION									
		2 626.9	1 010.8	48.9	884.1	46.1	5.9	25.8	354.4
KENTUCKY									
20	FOOD AND KINDRED PRODUCTS. . . . .	435.7	122.1	14.8	105.3	-	1.7	.3	41.8
21	TOBACCO MANUFACTURES. . . . .	20.7	8.2	3.4	4.7	-	.1	(Z)	.5
22	TEXTILE MILL PRODUCTS. . . . .	4.4	.5	.5	(Z)	-	(Z)	-	(Z)
24	LUMBER AND WOOD PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
25	FURNITURE AND FIXTURES. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	245.2	65.2	3.8	59.6	-	1.5	.3	21.4
29	PETROLEUM AND COAL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	2.7	1.4	.2	1.2	-	-	-	(Z)
31	LEATHER AND LEATHER PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	8.1	3.8	.6	3.2	-	(Z)	-	(Z)
33	PRIMARY METAL INDUSTRIES. . . . .	72.8	24.9	.4	24.5	-	(Z)	-	8.1
34	FABRICATED METAL PRODUCTS. . . . .	8.1	1.8	1.7	.1	-	(Z)	-	-
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	4.3	1.3	.7	.5	-	-	-	.1
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	10.6	2.8	2.5	.3	-	(Z)	-	1.7
37	TRANSPORTATION EQUIPMENT. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.



TABLE 3. Water Intake by Source, Gross Water Used, and Water Discharged by Discharge Point: 1968—Continued

C. STATES AND MAJOR INDUSTRY GROUPS—Continued

(All water data in billions of gallons)

Code	State and major industry group	Value of shipments  (million dollars)	Water intake by source										
			Total	Fresh water						Brackish water			
				Total	From public water systems	From company water systems			Total	From public water systems	From company water systems		
						Surface	Ground	Tidewater			Surface	Ground	Tidewater
39	KENTUCKY												
	MISC. MANUFACTURING INDUSTRIES . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	TENNESSEE . . . . .	4 802.4	464.5	464.5	42.5	387.3	34.7	-	(2)	-	(2)	(2)	-
20	FOOD AND KINDRED PRODUCTS . . . . .	766.1	12.8	12.8	4.0	.2	8.6	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS . . . . .	349.0	4.6	4.6	2.8	.8	1.0	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	221.6	48.0	48.0	.3	40.8	6.8	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	1 747.3	365.0	365.0	26.3	324.4	14.3	-	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . .	164.6	2.2	2.2	.3	-	1.9	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	158.2	9.0	9.0	.9	8.1	.1	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	363.9	14.8	14.8	2.3	12.3	.3	-	(2)	-	-	(2)	-
34	FABRICATED METAL PRODUCTS . . . . .	167.3	1.0	1.0	1.0	-	(2)	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	125.9	2.6	2.6	1.8	.5	.3	-	(2)	-	(2)	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	375.3	.8	.8	.6	.2	.1	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	191.4	1.9	1.9	1.8	(2)	(2)	-	-	-	-	-	-
38	INSTRUMENTS AND RELATED PRODUCTS . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	ALABAMA . . . . .	3 896.0	381.4	298.8	63.7	212.0	23.2	-	82.6	-	49.5	-	33.1
20	FOOD AND KINDRED PRODUCTS . . . . .	179.1	2.1	2.1	.7	.6	.8	-	-	-	-	-	-
21	TOBACCO MANUFACTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
22	TEXTILE MILL PRODUCTS . . . . .	493.5	6.5	6.5	2.7	2.9	.9	-	(2)	-	(2)	-	-
24	LUMBER AND WOOD PRODUCTS . . . . .	19.7	.1	.1	(2)	.1	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	459.0	163.0	131.0	32.4	95.8	2.7	-	32.1	-	-	-	32.1
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	564.8	104.5	55.3	5.4	35.3	14.6	-	49.2	-	49.2	-	-
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . .	304.6	7.7	7.7	.5	6.1	1.2	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	87.4	3.5	2.6	.5	1.9	.2	-	.9	-	.2	-	.6
33	PRIMARY METAL INDUSTRIES . . . . .	1 247.7	90.7	90.7	19.0	69.3	2.5	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . . . .	113.2	.7	.7	.7	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	60.6	.4	.4	.4	-	-	-	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	120.4	.6	.6	.4	-	.1	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	191.7	1.1	.8	.8	-	.1	-	.3	-	-	-	.3
	MISSISSIPPI . . . . .	1 442.0	90.7	85.6	8.3	28.7	48.6	-	5.1	.2	-	-	4.9
20	FOOD AND KINDRED PRODUCTS . . . . .	249.0	3.9	3.9	.9	-	3.0	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS . . . . .	54.6	.9	.9	.1	.1	.7	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . . . .	97.1	4.8	4.8	.5	-	4.3	-	-	-	-	-	-
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	186.3	24.4	24.4	.8	3.4	20.2	-	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	18.6	2.8	.7	-	.1	.7	-	2.0	-	-	-	2.0
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34	FABRICATED METAL PRODUCTS . . . . .	42.7	1.0	1.0	.1	-	.9	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	74.1	.6	.4	.1	-	.3	-	.2	—	—	—	—
37	TRANSPORTATION EQUIPMENT . . . . .	168.8	.7	.7	.3	-	.4	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WEST SOUTH CENTRAL DIVISION . . . . .	24 108.5	2 904.9	1 290.7	167.9	872.1	244.8	5.9	1 614.2	1.2	350.7	11.9	1 250.4
	ARKANSAS . . . . .	1 374.8	56.4	55.5	7.7	19.0	28.8	-	.8	-	-	.8	-
20	FOOD AND KINDRED PRODUCTS . . . . .	397.8	6.7	6.7	5.7	(2)	1.0	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
24	LUMBER AND WOOD PRODUCTS . . . . .	56.1	1.3	1.3	(2)	.3	1.0	-	-	-	-	-	-
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	214.7	36.6	36.6	.1	14.9	21.7	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	133.7	4.6	3.8	.2	1.5	2.0	-	.8	-	.8	-	-
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	30.7	.7	.7	(2)	.4	.2	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34	FABRICATED METAL PRODUCTS . . . . .	21.7	.2	.2	.2	(2)	-	-	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	90.2	.5	.5	.5	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
38	INSTRUMENTS AND RELATED PRODUCTS . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LOUISIANA . . . . .	4 775.0	1 039.9	795.9	10.4	678.3	101.8	5.4	244.0	-	230.5	10.3	3.2
20	FOOD AND KINDRED PRODUCTS . . . . .	747.0	55.2	53.3	6.4	38.6	6.0	2.3	1.9	-	.9	-	.1
24	LUMBER AND WOOD PRODUCTS . . . . .	32.1	1.1	1.1	.1	.5	.4	(2)	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	384.9	82.5	81.8	.5	52.9	28.4	-	.7	-	.7	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	1 286.3	497.6	369.3	1.9	323.1	41.2	3.1	128.3	-	123.3	2.4	2.6
29	PETROLEUM AND COAL PRODUCTS . . . . .	1 749.5	247.2	135.5	.3	111.2	24.1	-	111.6	-	106.0	5.6	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	65.5	2.1	.9	.4	-	.5	-	1.2	-	(2)	.7	.5
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34	FABRICATED METAL PRODUCTS . . . . .	87.1	.3	.3	.2	-	.1	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OKLAHOMA . . . . .	1 547.7	17.0	16.4	10.6	1.9	3.9	-	.6	.6	-	-	-
20	FOOD AND KINDRED PRODUCTS . . . . .	141.4	1.3	1.3	.8	(2)	.4	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	21.1	2.0	2.0	1.0	1.0	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
29	PETROLEUM AND COAL PRODUCTS . . . . .	756.7	10.0	9.4	6.5	.1	2.8	-	.6	.6	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	55.4	.6	.6	.3	-	.3	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	64.5	.6	.6	.4	-	.2	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . . . .	75.8	.2	.2	.2	-	(2)	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.



TABLE 3. Water Intake by Source, Gross Water Used, and Water Discharged by Discharge Point: 1968—Continued

C. STATES AND MAJOR INDUSTRY GROUPS—Continued

(All water data in billions of gallons)

Code	State and major industry group	Gross water used, including recirculation or reuse	Water discharged, by point of discharge					Treated before discharge (included in total)
			Total	Public utility sewer	Surface water body	Tidewater body	Ground	Transferred to other users
39	KENTUCKY							
	MISC. MANUFACTURING INDUSTRIES . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	TENNESSEE . . . . .	843.9	445.2	22.8	398.1	-	.9	23.3
20	FOOD AND KINDRED PRODUCTS . . . . .	19.7	11.9	7.6	4.0	-	.3	(Z)
22	TEXTILE MILL PRODUCTS . . . . .	9.5	3.7	2.5	1.2	-	.1	(Z)
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	160.1	43.9	4.3	39.6	-	-	(Z)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	569.7	353.9	2.5	327.9	-	.4	23.0
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	12.0	2.2	.1	1.8	-	-	.2
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	14.9	8.2	.3	7.9	-	(Z)	(Z)
33	PRIMARY METAL INDUSTRIES . . . . .	33.4	14.4	1.9	12.5	-	(Z)	12.3
34	FABRICATED METAL PRODUCTS . . . . .	2.0	.8	.7	.1	-	-	.1
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	4.2	1.8	.8	.9	-	.1	(Z)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	2.2	.7	.3	.4	-	(Z)	.4
37	TRANSPORTATION EQUIPMENT . . . . .	2.8	1.9	1.4	.4	-	-	.7
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	ALABAMA . . . . .	971.3	360.3	6.4	323.2	25.7	2.9	2.0
20	FOOD AND KINDRED PRODUCTS . . . . .	2.6	2.0	.8	.8	.1	.4	(Z)
21	TOBACCO MANUFACTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
22	TEXTILE MILL PRODUCTS . . . . .	33.1	4.9	1.6	3.1	-	.2	.7
24	LUMBER AND WOOD PRODUCTS . . . . .	.2	.1	-	(Z)	-	-	(Z)
26	PAPER AND ALLIED PRODUCTS . . . . .	414.8	158.8	.1	132.9	24.5	1.3	(Z)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	166.4	99.6	.9	97.6	.6	.5	(Z)
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	9.2	7.6	.2	7.1	-	.3	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	5.6	2.6	.2	2.4	(Z)	(Z)	.3
33	PRIMARY METAL INDUSTRIES . . . . .	335.5	81.6	1.2	78.4	-	.1	1.9
34	FABRICATED METAL PRODUCTS . . . . .	.9	.7	.3	.4	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	.7	.4	.3	.1	-	-	(Z)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	.7	.6	.5	.1	-	-	(Z)
37	TRANSPORTATION EQUIPMENT . . . . .	1.3	1.1	.4	.3	.4	-	(Z)
	MISSISSIPPI . . . . .	376.0	83.2	4.9	57.5	20.4	.3	.2
20	FOOD AND KINDRED PRODUCTS . . . . .	4.8	3.7	1.7	1.8	.1	(Z)	.1
22	TEXTILE MILL PRODUCTS . . . . .	8.1	.8	.7	.1	-	-	(Z)
24	LUMBER AND WOOD PRODUCTS . . . . .	9.2	3.8	.4	3.3	-	(Z)	.2
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	86.3	22.0	.4	21.2	.3	.2	(Z)
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	3.6	2.6	(Z)	.3	2.3	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34	FABRICATED METAL PRODUCTS . . . . .	1.3	1.0	.1	.8	-	.1	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	1.0	.6	.4	.2	-	-	.1
37	TRANSPORTATION EQUIPMENT . . . . .	1.6	.6	.4	.1	.2	(Z)	-
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WEST SOUTH CENTRAL DIVISION . . . . .	9 948.7	2 713.3	32.4	1 263.1	1 368.4	22.6	26.8
	ARKANSAS . . . . .	456.8	50.8	6.5	43.0	-	1.2	.2
20	FOOD AND KINDRED PRODUCTS . . . . .	8.2	6.4	5.1	1.1	-	(Z)	.2
22	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
24	LUMBER AND WOOD PRODUCTS . . . . .	2.2	.9	.2	.7	-	-	.3
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	331.7	36.0	(Z)	35.9	-	(Z)	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	29.4	2.3	.1	1.2	-	1.1	.2
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	1.1	.5	.1	.4	-	(Z)	(Z)
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34	FABRICATED METAL PRODUCTS . . . . .	.2	.2	.2	.1	-	-	(Z)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	.6	.5	.3	.2	-	-	.1
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LOUISIANA . . . . .	2 279.1	999.2	7.9	951.4	21.2	15.5	3.1
20	FOOD AND KINDRED PRODUCTS . . . . .	63.2	52.8	4.4	36.8	3.7	7.8	.1
24	LUMBER AND WOOD PRODUCTS . . . . .	1.5	.7	(Z)	.7	(Z)	(Z)	-
26	PAPER AND ALLIED PRODUCTS . . . . .	179.1	76.3	1.0	75.2	-	-	59.4
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	1 147.6	473.2	.4	460.8	6.9	2.1	3.0
29	PETROLEUM AND COAL PRODUCTS . . . . .	713.5	240.9	(Z)	225.5	10.2	5.2	(Z)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	5.1	1.5	.9	.2	.3	(Z)	.3
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34	FABRICATED METAL PRODUCTS . . . . .	.4	.3	.2	-	-	.1	-
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OKLAHOMA . . . . .	309.5	9.3	2.5	6.3	-	.5	-
20	FOOD AND KINDRED PRODUCTS . . . . .	3.7	1.2	1.1	-	-	.1	-
22	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	12.5	1.0	(Z)	1.0	-	-	1.0
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
29	PETROLEUM AND COAL PRODUCTS . . . . .	261.5	4.8	.3	4.3	-	.2	4.3
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	1.2	.3	.1	.2	-	(Z)	-
33	PRIMARY METAL INDUSTRIES . . . . .	2.5	.2	(Z)	.2	-	-	.1
34	FABRICATED METAL PRODUCTS . . . . .	.3	.2	.2	(Z)	-	-	(Z)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

**TABLE 3. Water Intake by Source, Gross Water Used, and Water Discharged by Discharge Point: 1968—Continued**

**C. STATES AND MAJOR INDUSTRY GROUPS—Continued**

(All water data in billions of gallons)

Code	State and major industry group	Value of shipments  (million dollars)	Water intake by source										
			Total	Fresh water						Brackish water			
				Total	From public water systems	From company water systems			Total	From public water systems	From company water systems		
						Surface	Ground	Tidewater			Surface	Ground	Tidewater
36	OKLAHOMA												
37	ELECTRICAL EQUIP. AND SUPPLIES . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	TEXAS . . . . .	16 411.1	1 791.6	422.8	139.2	172.9	110.2	.5	1 368.8	.6	120.3	.8	1 247.2
22	FDDO AND KINDRED PRODUCTS . . . . .	1 621.3	19.8	16.8	9.6	4.1	3.1	—	3.0	—	—	—	3.0
24	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	LUMBER AND WOOD PRODUCTS . . . . .	43.6	1.5	1.5	.1	.3	1.0	—	(2)	—	(2)	(2)	—
28	PAPER AND ALLIED PRODUCTS . . . . .	176.8	51.6	51.6	15.3	5.2	31.1	—	—	—	—	—	—
29	CHEMICALS AND ALLIED PRODUCTS . . . . .	3 327.9	1 235.5	149.6	41.9	64.8	42.8	.1	1 085.9	(2)	1.2	.7	1 084.0
30	PETROLEUM AND COAL PRODUCTS . . . . .	6 015.0	281.6	125.5	51.9	47.4	26.2	(2)	156.1	.6	118.5	(2)	37.0
32	RUBBER AND PLASTICS PRODUCTS, NEC . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	STONE, CLAY, AND GLASS PRODUCTS . . . . .	190.9	4.9	3.3	.7	.3	1.9	.4	1.5	—	.5	—	1.0
34	PRIMARY METAL INDUSTRIES . . . . .	787.9	174.2	52.4	1.9	48.8	1.7	—	121.8	—	(2)	—	121.7
35	FABRICATED METAL PRODUCTS . . . . .	156.6	.5	.5	.5	.1	.6	—	—	—	—	—	—
36	MACHINERY, EXCEPT ELECTRICAL . . . . .	212.5	1.4	1.4	.4	.4	.4	—	—	—	—	—	—
37	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
38	TRANSPORTATION EQUIPMENT . . . . .	2 456.3	15.3	14.8	13.8	(2)	1.0	—	.5	—	—	—	.5
	INSTRUMENTS AND RELATED PRODUCTS . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MOUNTAIN DIVISION . . . . .	5 163.5	231.5	221.1	25.3	124.8	71.1	—	10.3	(2)	3.8	6.5	—
20	MONTANA . . . . .	501.6	52.1	51.9	.6	36.4	14.9	—	.3	—	.3	—	—
22	FDDO AND KINDRED PRODUCTS . . . . .	88.5	5.1	5.1	.2	4.8	.1	—	—	—	—	—	—
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	IDAHO . . . . .	694.2	60.0	59.7	2.4	26.2	31.1	—	.4	—	.4	—	—
20	FDDO AND KINDRED PRODUCTS . . . . .	280.5	17.0	16.7	1.7	.8	14.2	—	.4	—	.4	—	—
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	168.1	9.7	9.7	—	—	9.7	—	—	—	—	—	—
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WYOMING . . . . .	175.3	4.4	4.4	.5	3.2	.7	—	—	—	—	—	—
20	FDDO AND KINDRED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
29	PETROLEUM AND COAL PRODUCTS . . . . .	155.2	2.7	2.7	.4	2.0	.2	—	—	—	—	—	—
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	COLORADO . . . . .	1 713.2	59.9	59.7	4.3	50.0	5.4	—	.2	(2)	—	.2	—
20	FDDO AND KINDRED PRODUCTS . . . . .	654.9	20.6	20.6	2.5	15.2	2.9	—	(2)	—	(2)	—	—
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	69.8	3.5	3.5	.4	2.4	.7	—	—	—	—	—	—
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NEW MEXICO . . . . .	104.0	2.2	2.2	.2	—	2.1	—	—	—	—	—	—
20	FDDO AND KINDRED PRODUCTS . . . . .	68.1	.7	.7	.1	—	.6	—	—	—	—	—	—
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	ARIZONA . . . . .	1 079.2	14.4	12.4	4.9	—	7.5	—	1.9	—	—	1.9	—
20	FDDO AND KINDRED PRODUCTS . . . . .	27.0	.6	.6	.1	—	.5	—	—	—	—	—	—
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	270.5	7.8	5.8	3.3	—	2.6	—	1.9	—	—	1.9	—
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
38	INSTRUMENTS AND RELATED PRODUCTS . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	UTAH . . . . .	762.4	26.1	18.5	9.0	4.2	5.4	—	7.6	—	3.2	4.4	—
20	FDDO AND KINDRED PRODUCTS . . . . .	118.3	3.6	3.6	1.3	1.8	.5	—	—	—	—	—	—
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
29	PETROLEUM AND COAL PRODUCTS . . . . .	159.9	2.5	2.1	1.5	—	.6	—	.4	—	—	.4	—
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NEVADA . . . . .	133.7	12.4	12.4	3.4	4.9	4.1	—	—	—	—	—	—
20	FDDO AND KINDRED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	31.5	3.2	3.2	1.3	1.8	(2)	—	—	—	—	—	—
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.



TABLE 3. Water Intake by Source, Gross Water Used, and Water Discharged by Discharge Point: 1968—Continued

C. STATES AND MAJOR INDUSTRY GROUPS—Continued

(All water data in billions of gallons)

Code	State and major industry group	Gross water used, including recirculation or reuse	Water discharged, by point of discharge						Treated before discharge (included in total)
			Total	Public utility sewer	Surface water body	Tidewater body	Ground	Transferred to other users	
36	OKLAHOMA . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	TEXAS . . . . .	6 903.3	1 654.1	15.5	262.4	1 347.2	5.5	23.5	325.0
20	FOOD AND KINDRED PRODUCTS . . . . .	74.2	16.6	6.9	5.3	3.5	.8	.1	1.8
22	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
24	LUMBER AND WOOD PRODUCTS . . . . .	8.3	1.3	.1	1.1	(Z)	-	(Z)	1.1
26	PAPER AND ALLIED PRODUCTS . . . . .	369.4	48.6	.7	29.9	18.0	(Z)	-	48.5
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	2 863.0	1 182.1	2.0	27.3	1 136.3	2.1	14.5	64.9
29	PETROLEUM AND COAL PRODUCTS . . . . .	3 076.0	222.0	.4	150.2	64.3	1.9	5.2	189.6
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	10.0	2.9	.5	1.0	1.1	.4	(Z)	.2
33	PRIMARY METAL INDUSTRIES . . . . .	421.4	159.7	.3	32.7	123.3	.1	3.3	15.2
34	FABRICATED METAL PRODUCTS . . . . .	.7	.5	.4	(Z)	.1	(Z)	(Z)	.1
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	21.1	1.3	.2	1.0	.1	(Z)	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	40.6	14.6	1.8	12.1	.6	.1	(Z)	1.1
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MOUNTAIN DIVISION . . . . .	799.8	187.9	16.5	134.8	-	24.5	12.0	86.7
	MONTANA . . . . .	109.1	36.1	3.3	25.3	-	6.5	1.0	26.7
20	FOOD AND KINDRED PRODUCTS . . . . .	9.6	4.2	.2	4.0	-	(Z)	-	4.1
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	IDAHO . . . . .	162.3	53.4	3.8	44.1	-	3.7	1.9	20.1
20	FOOD AND KINDRED PRODUCTS . . . . .	50.1	16.6	3.6	11.6	-	1.3	.1	12.7
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	53.4	6.6	-	4.3	-	2.2	-	3.1
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WYOMING . . . . .	40.5	3.1	(Z)	2.8	-	.2	(Z)	1.5
20	FOOD AND KINDRED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
29	PETROLEUM AND COAL PRODUCTS . . . . .	38.3	1.5	(Z)	1.3	-	.2	(Z)	.1
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	COLORADO . . . . .	160.5	51.9	3.8	45.8	-	.3	2.1	24.0
20	FOOD AND KINDRED PRODUCTS . . . . .	28.2	19.2	2.2	15.7	-	(Z)	1.3	11.5
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	12.6	2.4	.3	1.3	-	.1	.8	.1
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NEW MEXICO . . . . .	5.3	1.0	.5	.1	-	.4	(Z)	.3
20	FOOD AND KINDRED PRODUCTS . . . . .	.9	.7	.5	(Z)	-	.2	-	.2
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	ARIZONA . . . . .	111.3	10.7	2.8	1.1	-	6.1	.8	2.1
20	FOOD AND KINDRED PRODUCTS . . . . .	2.5	.5	.1	-	-	.4	-	.4
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	69.6	5.3	1.3	.8	-	2.8	.5	.6
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	UTAH . . . . .	181.4	21.0	1.5	15.6	-	.7	3.2	11.3
20	FOOD AND KINDRED PRODUCTS . . . . .	5.4	3.6	.6	2.7	-	.1	.2	1.7
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
29	PETROLEUM AND COAL PRODUCTS . . . . .	43.2	1.5	.1	1.4	-	(Z)	(Z)	1.3
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NEVADA . . . . .	29.4	10.7	1.0	(Z)	-	6.6	3.1	.6
20	FOOD AND KINDRED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	17.7	2.7	.9	-	-	1.8	-	.5
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.



**TABLE 3. Water Intake by Source, Gross Water Used, and Water Discharged by  
Discharge Point: 1968—Continued**  
C. STATES AND MAJOR INDUSTRY GROUPS—Continued  
(All water data in billions of gallons)

Code	State and major industry group	Value of shipments  (million dollars)	Water intake by source										
			Total	Fresh water					Brackish water				
				Total	From public water systems	From company water systems			Total	From public water systems	From company water systems		
						Surface	Ground	Tidewater			Surface	Ground	Tidewater
	PACIFIC DIVISION . . . . .	26577.6	1 013.0	828.0	258.8	353.6	182.3	33.2	185.0	.1	23.5	20.6	140.9
	WASHINGTON . . . . .	5 143.6	368.0	348.7	137.8	141.6	63.9	5.4	19.2	-	7.2	-	12.0
20	FOOD AND KINDRED PRODUCTS . . . . .	603.7	14.2	14.2	5.5	.7	8.0	(Z)	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . . . .	218.4	21.7	18.2	.9	11.3	2.6	3.4	3.5	-	3.5	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	565.9	237.4	233.6	115.1	86.9	29.8	1.8	3.9	-	-	-	3.9
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	95.0	41.6	36.4	1.5	26.6	8.3	-	5.2	-	-	-	5.2
29	PETROLEUM AND COAL PRODUCTS . . . . .	350.2	3.9	3.8	3.1	.7	(Z)	-	.2	-	-	-	.2
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	44.6	2.7	2.7	.5	.3	1.7	.1	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	609.5	41.0	34.5	5.9	15.1	13.5	-	6.4	-	3.7	-	2.8
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OREGON . . . . .	1362.2	152.5	140.0	12.0	98.8	13.8	15.4	12.5	-	10.8	.1	1.5
20	FOOD AND KINDRED PRODUCTS . . . . .	308.6	6.9	6.7	3.1	1.4	1.9	.4	.2	-	.2	-	.1
22	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
24	LUMBER AND WOOD PRODUCTS . . . . .	361.1	42.5	31.2	1.8	25.1	4.1	.3	11.3	-	10.6	(Z)	.7
26	PAPER AND ALLIED PRODUCTS . . . . .	225.7	78.8	78.0	5.1	55.3	3.0	14.7	.8	-	-	-	.8
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	43.2	12.7	12.6	1.0	10.6	1.0	(Z)	.1	-	-	.1	-
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	149.1	9.5	9.5	.1	5.7	3.7	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	CALIFORNIA . . . . .	19615.5	363.5	231.4	106.5	40.4	72.7	11.7	132.1	.1	3.2	2.1	126.8
20	FOOD AND KINDRED PRODUCTS . . . . .	3 578.0	66.8	53.5	20.7	.9	30.0	1.8	13.4	-	-	.2	13.2
22	TEXTILE MILL PRODUCTS . . . . .	56.5	.9	.9	.9	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . . . .	164.5	30.0	30.0	.7	24.4	4.9	-	(Z)	-	(Z)	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	280.9	47.1	41.4	25.4	4.3	5.5	6.1	5.7	-	3.2	1.9	.6
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	779.7	30.5	23.0	8.7	9.0	4.0	1.3	7.5	-	-	-	7.5
29	PETROLEUM AND COAL PRODUCTS . . . . .	2 123.4	123.7	35.9	24.4	-	11.1	.3	87.9	-	(Z)	-	87.8
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	286.6	1.3	1.3	.4	-	.9	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS . . . . .	10.9	.4	.4	.2	-	.2	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	661.2	27.1	14.0	2.3	.7	11.0	(Z)	13.1	-	(Z)	-	13.1
33	PRIMARY METAL INDUSTRIES . . . . .	1 009.1	14.4	10.2	7.4	(Z)	2.8	(Z)	4.1	-	-	-	4.1
34	FABRICATED METAL PRODUCTS . . . . .	214.6	1.2	1.1	1.0	-	(Z)	-	.1	.1	-	-	.1
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	692.3	1.3	1.3	.8	-	.5	-	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	1 805.4	4.0	4.0	3.9	(Z)	.1	(Z)	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	5 168.7	7.7	7.4	5.9	1.1	.4	-	.3	-	(Z)	-	.3
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	164.3	.5	.5	.5	(Z)	(Z)	(Z)	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . . . .	13.9	.1	.1	.1	-	(Z)	-	-	-	-	-	-
	ALASKA . . . . .	100.3	33.7	31.9	.7	31.1	.1	-	1.9	-	1.3	-	.5
20	FOOD AND KINDRED PRODUCTS . . . . .	15.0	1.2	.7	.7	(Z)	-	-	.5	-	-	-	.5
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	HAWAII . . . . .	356.0	95.3	76.0	1.8	41.6	31.8	.7	19.3	-	1.0	18.4	-
20	FOOD AND KINDRED PRODUCTS . . . . .	284.0	93.5	75.0	.8	41.6	31.8	.7	18.5	-	1.0	17.6	-
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

Note: Detailed figures may not add to totals because of independent rounding. The figures shown for industry groups include data for all component industries whether or not separate figures are shown for the individual industries in the group.

TABLE 3. Water Intake by Source, Gross Water Used, and Water Discharged by Discharge Point: 1968—Continued

C. STATES AND MAJOR INDUSTRY GROUPS—Continued

(All water data in billions of gallons)

Code	State and major industry group	Gross water used, including recirculation or reuse	Water discharged, by point of discharge						Treated before discharge (included in total)
			Total	Public utility sewer	Surface water body	Tidewater body	Ground	Transferred to other users	
	PACIFIC DIVISION . . . . .	3 252.7	904.5	78.6	306.0	411.6	36.2	72.1	384.7
	WASHINGTON . . . . .	1 105.7	333.4	18.0	153.6	147.0	11.8	3.1	114.2
20	FOOD AND KINDRED PRODUCTS . . . . .	23.2	13.4	5.6	5.4	.6	1.3	.5	3.9
24	LUMBER AND WOOD PRODUCTS . . . . .	24.2	19.7	.3	14.6	4.2	.2	.5	4.4
26	PAPER AND ALLIED PRODUCTS . . . . .	793.2	210.1	2.3	80.6	124.9	.2	2.1	82.1
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	50.0	41.2	(Z)	26.8	6.4	8.0	(Z)	6.9
29	PETROLEUM AND COAL PRODUCTS . . . . .	71.1	2.3	-	-	2.3	(Z)	-	2.2
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	3.7	2.4	.1	.5	1.4	.4	-	.3
33	PRIMARY METAL INDUSTRIES . . . . .	128.1	39.2	7.6	23.2	6.6	1.8	(Z)	14.2
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OREGON . . . . .	368.0	138.0	5.6	100.0	27.3	3.4	1.8	48.6
20	FOOD AND KINDRED PRODUCTS . . . . .	8.5	6.4	2.9	1.7	.6	1.0	.2	1.8
22	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
24	LUMBER AND WOOD PRODUCTS . . . . .	96.7	33.7	.4	25.2	5.9	.7	1.5	8.5
26	PAPER AND ALLIED PRODUCTS . . . . .	219.8	75.5	1.3	52.5	20.0	1.6	(Z)	33.5
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	23.0	12.6	(Z)	11.7	.8	(Z)	(Z)	.9
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	14.8	7.9	.2	7.7	-	.1	-	3.3
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	CALIFORNIA . . . . .	1 506.4	307.4	52.9	49.5	182.8	19.0	3.1	173.9
20	FOOD AND KINDRED PRODUCTS . . . . .	116.1	60.7	27.2	3.6	18.8	9.1	2.0	17.8
22	TEXTILE MILL PRODUCTS . . . . .	1.0	.8	.8	-	-	-	-	.2
24	LUMBER AND WOOD PRODUCTS . . . . .	46.4	20.6	.3	19.0	.5	.8	-	.6
26	PAPER AND ALLIED PRODUCTS . . . . .	167.3	44.4	4.5	10.4	29.2	.2	.1	21.5
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	170.9	26.8	1.9	11.1	12.4	1.0	.4	18.0
29	PETROLEUM AND COAL PRODUCTS . . . . .	667.5	101.8	1.8	.2	99.4	.4	.1	92.8
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	10.4	1.2	.7	.3	.1	.1	(Z)	.1
31	LEATHER AND LEATHER PRODUCTS . . . . .	.5	.4	.4	-	-	-	-	.3
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	39.1	22.2	1.4	2.9	12.7	4.7	.5	12.2
33	PRIMARY METAL INDUSTRIES . . . . .	166.6	9.9	1.6	.7	7.0	.7	-	7.4
34	FABRICATED METAL PRODUCTS . . . . .	1.4	1.2	1.0	(Z)	.1	(Z)	(Z)	.4
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	6.5	1.2	.9	.1	(Z)	.2	(Z)	.2
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	31.3	3.3	.3	.1	.1	(Z)	(Z)	.5
37	TRANSPORTATION EQUIPMENT . . . . .	62.5	6.4	4.1	.4	.3	1.6	(Z)	1.0
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	1.3	.5	.3	(Z)	.1	.1	(Z)	.1
39	MISC. MANUFACTURING INDUSTRIES . . . . .	.2	.1	.1	-	-	(Z)	-	(Z)
	ALASKA . . . . .	116.0	32.3	.1	1.3	30.9	-	-	16.9
20	FOOD AND KINDRED PRODUCTS . . . . .	1.3	1.2	.1	-	1.1	-	-	.2
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	HAWAII . . . . .	156.7	93.3	2.0	1.6	23.7	1.9	64.1	31.2
20	FOOD AND KINDRED PRODUCTS . . . . .	140.9	92.2	2.0	1.6	22.7	1.8	64.1	30.0
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

Standard notes: - Represents zero.  
million gallons.

D) Withheld to avoid disclosing figures of individual companies.

Z Less than 50

TABLE 4. Water Intake by Source and Purpose, Gross Water Used, and Water Discharged by Establishments Recirculating Water: 1968

A. INDUSTRY GROUPS  
(All water data in billions of gallons)

Code	Industry group	All employees (1,000)	Water intake by source										
			Total	Fresh water						Brackish water			
				From public water systems	From company water systems			Total	From public water systems	From company water systems			
					Surface	Ground	Tidewater			Surface	Ground	Tidewater	
	ALL INDUSTRIES, TOTAL . . . . .	5 924.9	13 170.9	10 719.8	1 317.3	7 693.4	1 307.5	401.6	2 451.1	3.9	570.5	71.7	1 805.0
20	FOOD AND KINOREO PRODUCTS. . . . .	454.8	634.1	569.9	151.4	183.9	221.2	13.3	64.2	.1	3.6	16.6	43.9
201	MEAT PRODUCTS. . . . .	116.1	76.2	75.8	30.7	3.1	41.9	-	.4	.1	.2	.2	-
202	DAIRY PRODUCTS. . . . .	39.4	27.3	26.8	15.7	1.8	9.2	(2)	.5	-	.5	(2)	-
203	CANNEO, CUREO, AND FROZEN FDDOS. . . . .	96.8	98.8	96.8	31.6	5.3	59.5	.4	1.9	-	-	.8	1.1
204	GRAIN MILL PRODUCTS. . . . .	31.2	72.8	69.3	8.4	43.2	17.7	-	3.5	-	-	-	3.5
205	BAKERY PRODUCTS. . . . .	21.8	2.0	2.0	1.4	-	.5	-	-	-	-	-	-
206	SUGAR. . . . .	24.4	207.2	157.8	8.8	103.1	41.4	4.6	49.4	-	.9	14.7	33.8
207	CONFECTIDNERY AND RELATED PRODUCTS . . . . .	20.6	9.6	8.1	2.6	(2)	1.9	3.6	1.5	-	-	-	1.5
208	BEVERAGES. . . . .	73.1	88.6	84.7	30.7	23.8	30.1	-	3.9	-	.2	.7	3.1
209	MISC. FOODS AND KINORED PRODUCTS . . . . .	31.5	51.7	48.6	21.3	3.6	19.0	4.7	3.1	-	1.8	.3	1.0
21	TOBACCO MANUFACTURES . . . . .	31.1	5.8	5.8	3.3	2.4	.1	-	-	-	-	-	-
211	CIGARETTES . . . . .	26.6	3.1	3.1	3.1	-	-	-	-	-	-	-	-
212	CIGARS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
213	CHEWING AND SMDKING TOBACCO. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
214	TOBACCO STEMMING AND REORYING. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
22	TEXTILE MILL PRODUCTS. . . . .	271.2	105.7	104.9	31.6	62.0	11.3	.1	.8	-	.4	.1	.3
221	WEAVING MILLS, COTTON. . . . .	101.5	29.2	29.1	6.8	18.5	3.9	-	.1	-	.1	-	-
222	WEAVING MILLS, SYNTHETICS. . . . .	45.5	9.4	9.1	4.3	4.2	.6	-	.3	-	-	(2)	.3
223	WEAVING AND FINISHING MILLS, WOOL . . . . .	14.1	9.7	9.6	2.1	6.5	1.0	-	.1	-	.1	-	-
224	NARROW FABRIC MILLS. . . . .	2.0	.4	.4	.3	-	.1	.1	-	-	-	-	-
225	KNITTING MILLS . . . . .	27.6	5.1	4.9	4.2	.1	.6	-	.2	-	.1	.1	-
226	TEXTILE FINISHING, EXCEPT WOOL . . . . .	27.7	35.2	35.2	5.3	28.0	1.9	-	(2)	-	(2)	-	-
227	FLOOR COVERING MILLS . . . . .	13.4	5.3	5.3	3.4	.4	1.4	-	-	-	-	-	-
228	YARN AND THREAO MILLS. . . . .	22.6	6.4	6.4	3.1	2.4	.9	-	-	-	-	-	-
229	MISCELLANEOUS TEXTILE GOODS. . . . .	16.8	5.0	5.0	2.1	1.9	1.0	-	-	-	-	-	-
24	LUMBER AND WOOD PRDUCTS . . . . .	41.1	76.2	59.0	3.5	37.8	14.3	3.4	17.1	2.2	14.2	(2)	.7
241	LOGGING CAMPS, LOGGING CONTRACTORS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
242	SAWMILLS AND PLANING MILLS . . . . .	21.8	51.0	44.0	1.5	30.6	8.5	3.4	7.0	-	6.3	-	.7
243	MILLWORK, PLYWOOD, RELATED PROO. . . . .	9.8	15.2	8.2	1.1	6.4	.7	-	7.0	-	7.0	-	(2)
244	WDDOEN CNTAINERS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
249	MISCELLANEOUS WOOD PRODUCTS. . . . .	7.2	8.6	6.3	.8	.7	4.9	-	2.2	2.2	.1	-	-
25	FURNITURE AND FIXTURES . . . . .	29.2	2.6	2.6	2.0	.1	.5	-	(2)	-	(2)	(2)	-
251	HOUSEHOLD FURNITURE. . . . .	17.7	1.7	1.7	1.5	.1	.1	-	-	-	-	-	-
252	OFFICE FURNITURE . . . . .	7.2	.6	.5	.4	-	.2	-	(2)	-	(2)	(2)	-
253	PUBLIC BUILDING FURNITURE. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
254	PARTITIONS AND FIXTURES. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
259	MISC. FURNITURE AND FIXTURES . . . . .	1.9	.2	.2	(2)	.2	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . . . .	239.8	2 183.8	2 015.1	255.8	1 351.2	378.3	29.7	168.7	-	49.5	2.9	116.3
261	PULPMILLS. . . . .	10.4	270.5	258.4	85.7	108.2	64.1	.3	12.2	-	6.9	-	5.3
262	PAPERMILLS, EXCEPT BUILDING PAPER. . . . .	129.6	1 135.5	1 082.7	116.7	784.2	159.5	22.3	52.7	-	16.5	-	36.2
263	PAPERBOARD MILLS . . . . .	58.3	720.0	617.2	43.5	420.8	146.0	6.9	102.8	-	26.0	2.1	74.7
264	MISC. CONVERTED PAPER PRODUCTS . . . . .	19.2	17.3	17.1	6.8	7.2	3.0	.2	.1	-	.1	-	-
265	PAPERBOARD CONTAINERS AND BOXES . . . . .	13.0	3.9	3.9	.7	2.0	1.3	-	(2)	-	-	(2)	-
266	BUILDING PAPER AND BOARD MILLS . . . . .	9.2	36.5	35.7	2.4	28.9	4.4	-	.9	-	-	.7	.2
28	CHEMICALS AND ALLIED PRDDUCTS. . . . .	438.4	3 394.7	2 318.1	197.6	1 626.5	349.4	144.6	1 076.6	(2)	151.9	37.2	887.6
281	INDUSTRIAL CHEMICALS . . . . .	176.6	2 564.9	1 617.3	139.9	1 178.7	182.8	115.9	947.6	-	143.4	5.0	799.3
282	PLASTICS MATERIALS AND SYNTHETICS. . . . .	134.0	539.7	498.8	32.0	378.3	61.4	27.0	41.0	(2)	.5	1.2	39.2
283	DRUGS. . . . .	64.8	58.7	28.3	10.2	3.9	14.2	-	30.4	-	.4	(2)	30.0
284	SOAP, CLEANERS, AND TOILET GDDOS . . . . .	22.9	27.6	10.7	5.1	1.6	2.9	1.0	16.9	-	4.1	.8	12.1
285	PAINTS AND ALLIED PRODUCTS . . . . .	6.5	5.1	5.1	3.3	.8	1.0	-	(2)	-	-	-	(2)
286	GUM AND WOOD CHEMICALS . . . . .	3.1	17.9	16.3	.8	3.3	12.2	-	1.6	-	-	1.6	-
287	AGRICULTURAL CHEMICALS . . . . .	12.7	123.0	85.2	1.4	38.5	45.1	.2	37.8	-	3.3	27.8	6.8
289	MISCELLANEOUS CHEMICAL PRDDUCTS. . . . .	17.7	57.7	56.5	4.8	21.4	29.9	.4	1.2	-	.3	.7	.3
29	PETROLEUM AND COAL PRODUCTS. . . . .	101.3	1 312.1	748.2	178.9	345.4	104.0	120.0	563.9	1.2	255.6	6.8	300.2
291	PETROLEUM REFINING . . . . .	96.8	1 306.1	742.2	177.6	341.6	103.0	120.0	563.9	1.2	255.6	6.8	300.2
295	PAVING AND ROOFING MATERIALS . . . . .	4.0	5.8	5.8	1.1	3.8	.9	-	(2)	-	(2)	-	-
299	MISC. PETROLEUM AND COAL PRODUCTS. . . . .	.5	.3	.3	.2	-	.1	-	-	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	179.2	108.6	105.9	23.8	57.6	24.5	-	2.7	-	.6	.3	1.7
301	TIRES AND INNER TUBES. . . . .	76.3	55.9	55.9	9.6	33.6	12.6	-	-	-	-	-	-
302	RUBBER FOOTWEAR. . . . .	9.9	1.2	.9	.2	.3	.3	-	.3	-	.3	-	-
303	RECLAIMEO RUBBER . . . . .	.4	.4	.4	(2)	-	.4	-	-	-	-	-	-
306	FABRICATED RUBBER PRODUCTS, NEC. . . . .	59.7	33.7	31.4	10.0	17.9	3.4	-	2.3	-	.3	.2	1.7
307	MISCELLANEOUS PLASTICS PRODUCTS. . . . .	32.9	17.5	17.3	3.8	5.8	7.7	-	.1	-	(2)	.1	-
31	LEATHER AND LEATHER PRODUCTS . . . . .	14.5	8.9	8.8	5.5	1.7	1.7	-	.1	-	.1	-	-
311	LEATHER TANNING AND FINISHING. . . . .	8.7	8.4	8.3	5.3	1.6	1.4	-	.1	-	.1	-	-
312	INDUSTRIAL LEATHER BELTING . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
314	FOOTWEAR, EXCEPT RUBBER. . . . .	1.4	(2)	(2)	(2)	-	-	-	-	-	-	-	-
316	LUGGAGE. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	174.0	184.4	160.2	25.0	105.8	28.8	.6	24.2	.1	1.3	1.1	21.8
321	FLAT GLASS . . . . .	19.4	37.1	37.1	4.1	31.5	1.4	-	-	-	-	-	-
322	GLASS, GLASSWARE, PRESSED OR BLDOWN . . . . .	68.7	13.1	13.0	8.8	.6	3.5	-	.1	-	-	.1	-
323	PRODUCTS OF PURCHASEO GLASS. . . . .	6.6	3.9	3.9	.8	2.5	.5	-	-	-	-	-	-
324	CEMENT, HYDRAULIC. . . . .	18.3	84.3	75.0	2.6	58.6	13.4	.4	9.3	-	.5	.2	8.7
325	STRUCTURAL CLAY PRODUCTS . . . . .	2.5	.6	.6	.2	-	.4	(2)	-	-	-	-	-
326	PDTTERY AND RELATED PRODUCTS . . . . .	10.1	1.2	1.1	.8	(2)	.3	-	.1	-	.1	-	-
327	CONCRETE, GYPSUM, PLASTER PRODUCTS . . . . .	5.3	6.2	5.9	.5	2.2	3.1	.2	.3	.1	.2	-	(2)
328	CUT STONE AND STONE PRODUCTS . . . . .	1.7	1.4	1.4	-	1.2	.2	-	-	-	-	-	-
329	MISC. NONMETALLIC MINERAL PRODUCTS . . . . .	41.2	36.6	22.3	7.2	9.1	6.0	-	14.3	-	.5	.8	13.0
33	PRIMARY METAL INDUSTRIES . . . . .	780.6	4 486.4	4 000.6	170.8	3 725.8	104.1	-	485.8	-	85.4	6.3	394.1
331	BLAST FURNACE, BASIC STEEL PROD. . . . .	502.8	3 953.8	3 617.0	97.7	3 472.4	46.9	-	336.8	-	79.7	.1	257.1
332	IRON AND STEEL FOUNDRIES . . . . .	80.2	34.0	29.8	14.1	11.7	4.0	-	4.2	-	4.1	(2)	.1
333	PRIMARY NONFERROUS METALS. . . . .	41.6	412.9	269.0	19.3	213.3	36.4	-	143.9	-	1.6	5.9	136.4
334	SECNDARY NONFERROUS METALS. . . . .	2.6	.7	.6	.5	(2)	(2)	-	.1	-	-	.1	-
335	NONFERROUS ROLLING AND DRAWING . . . . .	108.1	73.4	72.7	29.3	28.5	14.9	-	.7	-	(2)	.2	.5
336	NONFERROUS FOUNDRIES . . . . .	19.6	3.9	3.9	3.0	(2)	.9	-	-	-	-	-	-
339	MISC. PRIMARY METAL PRODUCTS . . . . .	25.8	7.8	7.7	6.8	-	.9	-	.1	-	-	.1	-

See footnotes at end of table.



TABLE 4. Water Intake by Source and Purpose, Gross Water Used, and Water Discharged by Establishments Recirculating Water: 1968—Continued

## A. INDUSTRY GROUPS—Continued

(All water data in billions of gallons)

Code	Industry group	Water intake							Gross water used, including recirculation or reuse	Total water discharged
		Total	Treated prior to use (included in total)	By purpose of intake						
				Process	Air conditioning	Steam electric power generation	Other cooling and condensing	Boiler feed, sanitary service, and other uses		
	ALL INDUSTRIES, TOTAL . . . . .	13 170.9	3 249.0	3 510.3	209.6	2 697.9	5 857.7	895.3	33 405.1	12 063.4
20	FOOD AND KINDRED PRODUCTS . . . . .	634.1	122.4	224.0	14.2	60.8	264.4	70.8	1 169.2	588.3
201	MEAT PRODUCTS . . . . .	76.2	22.3	41.1	2.4	1.7	16.2	14.9	140.6	71.5
202	DAIRY PRODUCTS . . . . .	27.3	2.9	7.4	.2	.7	10.1	8.9	49.3	25.6
203	CANNED, CURED, AND FROZEN FOODS . . . . .	98.8	12.4	55.3	1.6	2.9	30.3	8.7	195.9	92.5
204	GRAIN MILL PRODUCTS . . . . .	72.8	11.9	10.7	1.0	6.8	48.2	6.1	119.8	65.3
205	BAKERY PRODUCTS . . . . .	2.0	.5	.6	.2	—	.5	.6	8.5	1.3
206	SUGAR . . . . .	207.2	44.3	67.0	1.2	41.1	88.4	9.6	321.5	198.8
207	CONFECTIONERY AND RELATED PRODUCTS . . . . .	9.6	1.6	2.4	.9	—	4.8	1.5	26.8	9.2
208	BEVERAGES . . . . .	88.6	15.3	23.0	5.7	7.4	37.8	14.7	188.5	77.0
209	MISC. FOODS AND KINDRED PRODUCTS . . . . .	51.7	11.3	16.5	1.0	.2	28.1	5.8	118.3	47.0
21	TOBACCO MANUFACTURES . . . . .	5.8	1.4	1.6	.5	.2	2.1	1.3	76.9	4.7
211	CIGARETTES . . . . .	3.1	.5	1.0	.5	.2	.3	1.1	70.4	2.3
212	CIGARS . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
213	CHEWING AND SMOKING TOBACCO . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
214	TOBACCO STEMMING AND REORYING . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
22	TEXTILE MILL PRODUCTS . . . . .	105.7	66.5	71.9	7.5	4.8	6.7	14.8	279.1	91.2
221	WEAVING MILLS, COTTON . . . . .	29.2	19.6	17.2	3.8	2.1	1.3	4.9	97.0	24.3
222	WEAVING MILLS, SYNTHETICS . . . . .	9.4	5.4	6.2	1.0	.1	.3	1.8	41.2	8.2
223	WEAVING AND FINISHING MILLS, WOOL . . . . .	9.7	5.8	6.6	.3	.8	.2	1.9	17.5	8.2
224	NARROW FABRIC MILLS . . . . .	.4	.1	.4	(2)	—	(2)	.1	.7	.3
225	KNITTING MILLS . . . . .	5.1	3.0	3.7	.4	(2)	.4	.7	8.3	4.9
226	TEXTILE FINISHING, EXCEPT WOOL . . . . .	35.2	24.5	29.0	.8	.5	2.0	2.9	42.3	30.7
227	FLOOR COVERING MILLS . . . . .	5.3	2.9	3.4	.7	(2)	.3	.8	15.8	4.5
228	YARN AND THREAO MILLS . . . . .	6.4	3.9	3.7	.4	1.3	.3	.7	35.1	6.1
229	MISCELLANEOUS TEXTILE GOODS . . . . .	5.0	1.2	1.7	.2	(2)	2.0	1.1	21.3	3.9
24	LUMBER AND WOOD PRODUCTS . . . . .	76.2	8.3	21.1	.4	41.1	4.7	8.9	163.1	61.2
241	LOGGING CAMPS, LOGGING CONTRACTORS . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
242	SAWMILLS AND PLANING MILLS . . . . .	51.0	4.6	12.3	(2)	30.1	3.7	4.9	94.0	41.9
243	MILLWORK, PLYWOOD, RELATED PROO. . . . .	15.2	.9	4.7	.1	8.2	.4	1.7	52.2	13.0
244	WOODEN CONTAINERS . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
249	MISCELLANEOUS WOOD PRODUCTS . . . . .	8.6	2.3	3.7	.3	2.3	.6	1.7	14.5	5.9
25	FURNITURE AND FIXTURES . . . . .	2.6	.4	.8	.2	(2)	.3	1.2	4.6	2.0
251	HOUSEHOLD FURNITURE . . . . .	1.7	.1	.3	.1	(2)	.2	1.1	3.2	1.1
252	OFFICE FURNITURE . . . . .	.6	.2	.3	.1	(2)	.1	.1	.8	.5
253	PUBLIC BUILDING FURNITURE . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
254	PARTITIONS AND FIXTURES . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
259	MISC. FURNITURE AND FIXTURES . . . . .	.2	(2)	.1	(2)	—	(2)	.3	.2	.2
26	PAPER AND ALLIED PRODUCTS . . . . .	2 183.8	1 293.9	1 425.6	17.0	399.8	221.2	120.2	6 453.3	2 011.5
261	PULPMILLS . . . . .	270.5	209.3	229.2	.2	10.6	13.4	17.2	812.2	265.2
262	PAPERMILLS, EXCEPT BUILDING PAPER . . . . .	1 135.5	710.2	729.8	8.1	241.3	93.1	63.2	3 062.2	1 016.8
263	PAPERBOARD MILLS . . . . .	720.0	355.6	427.0	7.9	141.3	107.2	36.6	2 427.0	685.0
264	MISC. CONVERTED PAPER PRODUCTS . . . . .	17.3	7.6	11.1	.7	(2)	4.7	.8	46.9	15.6
265	PAPERBOARD CONTAINERS AND BOXES . . . . .	3.9	.7	1.4	.1	1.1	.7	.7	12.5	2.9
266	BUILDING PAPER AND BOARD MILLS . . . . .	36.5	10.5	27.3	.1	5.5	2.1	1.6	92.6	26.0
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	3 394.7	484.0	372.3	73.9	568.2	2 197.3	183.0	8 334.3	3 123.3
281	INDUSTRIAL CHEMICALS . . . . .	2 564.9	302.7	216.3	27.2	500.9	1 716.2	104.2	5 853.1	2 378.6
282	PLASTICS MATERIALS AND SYNTHETICS . . . . .	539.7	125.5	97.4	40.5	53.0	311.2	37.6	1 530.2	489.5
283	DRUGS . . . . .	58.7	4.3	6.4	3.7	8.0	36.5	4.1	142.5	56.7
284	SOAP, CLEANERS, AND TOILET GOODS . . . . .	27.6	5.9	2.1	.7	3.1	18.6	3.2	40.4	26.6
285	PAINTS AND ALLIED PRODUCTS . . . . .	5.1	.2	2.4	.2	.1	1.7	.7	8.1	4.8
286	GUM AND WOOD CHEMICALS . . . . .	17.9	4.0	.5	.1	.7	14.9	1.7	104.9	17.0
287	AGRICULTURAL CHEMICALS . . . . .	123.0	24.5	22.1	1.0	.5	73.1	26.3	517.5	105.8
289	MISCELLANEOUS CHEMICAL PRODUCTS . . . . .	57.7	17.0	25.1	.4	2.0	25.1	5.2	137.6	44.4
29	PETROLEUM AND COAL PRODUCTS . . . . .	1 312.1	166.9	87.9	2.6	169.1	945.4	107.1	7 167.2	1 095.1
291	PETROLEUM REFINING . . . . .	1 306.1	166.7	85.4	2.6	167.1	944.5	106.5	7 158.4	1 090.1
295	PAVING AND ROOFING MATERIALS . . . . .	.8	.2	2.4	(2)	2.1	.8	.5	8.5	4.8
299	MISC. PETROLEUM AND COAL PRODUCTS . . . . .	.3	(2)	.1	(2)	—	(2)	.1	.4	.2
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	108.6	21.7	17.5	6.0	15.8	55.6	13.8	242.2	102.4
301	TIRES AND INNER TUBES . . . . .	55.9	13.3	7.9	2.5	14.7	23.6	7.2	137.6	53.7
302	RUBBER FOOTWEAR . . . . .	1.2	.1	.1	(2)	(2)	.7	.3	2.0	1.1
303	RECLAIMED RUBBER . . . . .	.4	.3	(2)	—	(2)	.4	(2)	1.4	.4
306	FABRICATED RUBBER PRODUCTS, NEC. . . . .	33.7	1.3	6.0	1.8	.9	21.4	3.6	68.9	30.9
307	MISCELLANEOUS PLASTICS PRODUCTS . . . . .	17.5	6.7	3.4	1.7	.2	9.4	2.7	32.3	16.3
31	LEATHER AND LEATHER PRODUCTS . . . . .	8.9	2.1	7.7	.1	.1	.4	.6	12.6	8.6
311	LEATHER TANNING AND FINISHING . . . . .	8.4	2.1	7.5	.1	.1	.2	.5	12.1	8.2
312	INDUSTRIAL LEATHER BELTING . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
314	FOOTWEAR, EXCEPT RUBBER . . . . .	(2)	—	(2)	(2)	—	(2)	(2)	.1	(2)
316	LUGGAGE . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	184.4	39.6	59.0	2.2	72.0	37.7	13.6	346.1	159.2
321	FLAT GLASS . . . . .	37.1	10.0	8.3	.6	16.7	8.3	3.2	71.0	35.8
322	GLASS, GLASSWARE, PRESSED OR BLOWN . . . . .	13.1	3.7	4.0	.5	.2	6.7	1.7	59.1	11.7
323	PRODUCTS OF PURCHASED GLASS . . . . .	3.9	.5	1.3	.2	1.6	.2	.6	6.5	3.8
324	CEMENT, HYDRAULIC . . . . .	84.3	5.7	14.4	.2	51.6	15.3	2.9	123.1	70.6
325	STRUCTURAL CLAY PRODUCTS . . . . .	.6	.1	.1	(2)	—	.4	.1	1.0	.5
326	POTTERY AND RELATED PRODUCTS . . . . .	1.2	.1	.4	.1	.1	.2	.5	5.7	.9
327	CONCRETE, GYPSUM, PLASTER PRODUCTS . . . . .	6.2	1.0	4.1	(2)	—	1.2	1.0	10.5	3.9
328	CUT STONE AND STONE PRODUCTS . . . . .	1.4	.2	1.1	(2)	.2	.1	.1	2.1	1.3
329	MISC. NONMETALLIC MINERAL PRODUCTS . . . . .	36.6	18.3	25.5	.5	1.7	5.3	3.5	66.9	30.8
33	PRIMARY METAL INDUSTRIES . . . . .	4 486.4	942.8	1 059.5	30.0	1 282.0	1 976.2	138.6	7 261.5	4 188.4
331	BLAST FURNACE, BASIC STEEL PROD. . . . .	3 953.8	898.8	930.6	24.4	1 016.6	1 868.9	113.2	6 066.5	3 700.7
332	IRON AND STEEL FOUNDRIES . . . . .	34.0	5.8	9.1	.5	.1	20.4	3.9	67.6	24.6
333	PRIMARY NONFERROUS METALS . . . . .	412.9	14.4	79.6	1.3	262.9	58.2	10.9	887.6	383.5
334	SECONDARY NONFERROUS METALS . . . . .	.7	.1	.3	—	—	.2	.1	2.4	.6
335	NONFERROUS ROLLING AND DRAWING . . . . .	73.4	21.5	35.4	3.2	2.4	24.9	7.5	199.2	68.4
336	NONFERROUS FOUNDRIES . . . . .	3.9	.9	1.9	.2	(2)	1.5	.4	19.8	3.8
339	MISC. PRIMARY METAL PRODUCTS . . . . .	7.8	1.2	2.6	.4	—	2.2	2.6	18.4	6.8

See footnotes at end of table.

TABLE 4. Water Intake by Source and Purpose, Gross Water Used, and Water Discharged by Establishments Recirculating Water: 1968—Continued

## A. INDUSTRY GROUPS—Continued

(All water data in billions of gallons)

Code	Industry group	All employees (1,000)	Water intake by source										
			Total	Fresh water					Brackish water				
				From public water systems	From company water systems			Total	From public water systems	From company water systems			
					Surface	Ground	Tidewater			Surface	Ground	Tidewater	
34	FABRICATED METAL PRODUCTS. . . . .	260.3	42.0	37.3	28.9	.7	7.6	.2	4.7	-	.3	-	4.3
341	METAL CANS . . . . .	14.3	1.2	1.2	.9	-	1.2	-	-	-	-	-	-
342	CUTLERY, HANOTOOLS, AND HARDWARE . .	50.9	14.1	9.8	7.9	.5	1.4	-	4.3	-	-	-	4.3
343	PLUMBING AND HEATING EXC. ELECTRIC . .	11.0	3.1	3.0	2.6	(Z)	.4	-	.1	-	.1	-	-
344	FABRICATED STRUCTURAL METAL PROO. . .	34.0	4.8	4.8	3.2	.1	1.5	-	(Z)	-	(Z)	-	-
345	SCREW MACHINE PRODUCTS, BOLTS, ETC. .	21.2	3.1	3.1	2.6	(Z)	.5	-	-	-	-	-	-
346	METAL STAMPINGS. . . . .	88.6	7.5	7.2	6.2	(Z)	.8	.2	.3	-	.3	-	-
347	METAL SERVICES, NEC. . . . .	2.4	2.6	2.6	1.8	-	.9	-	-	-	-	-	-
348	MISC. FABRICATED WIRE PRODUCTS . . .	2.9	.5	.5	.3	-	.1	-	-	-	-	-	-
349	MISC. FABRICATED METAL PRODUCTS. . .	34.9	5.2	5.2	3.4	(Z)	1.9	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . .	520.3	150.6	125.9	34.0	70.2	14.9	6.7	24.7	(Z)	1.1	(Z)	23.5
351	ENGINES AND TURBINES . . . . .	70.5	75.5	54.4	5.8	39.7	2.2	6.7	21.1	-	.1	-	21.0
352	FARM MACHINERY . . . . .	51.8	18.7	17.8	4.2	12.2	1.4	-	.9	-	.9	-	-
353	CONSTRUCTION AND RELATED MACHINERY .	97.9	16.7	16.7	4.1	8.8	3.9	-	-	-	-	-	-
354	METALWORKING MACHINERY . . . . .	53.0	5.6	5.4	3.9	.3	1.2	-	.2	-	.2	(Z)	-
355	SPECIAL INDUSTRY MACHINERY . . . . .	20.6	4.6	2.1	1.5	.4	.2	-	2.5	(Z)	-	-	2.5
356	GENERAL INDUSTRIAL MACHINERY . . . .	81.5	8.0	8.0	4.5	.4	3.2	-	(Z)	-	(Z)	-	-
357	OFFICE AND COMPUTING MACHINES. . . .	75.0	12.1	12.1	2.6	8.5	1.0	-	-	-	-	-	-
358	SERVICE INDUSTRY MACHINES. . . . .	48.9	5.7	5.7	5.1	-	.6	-	-	-	-	-	-
359	MISC. MACHINERY, EXCEPT ELECTRICAL .	21.2	3.7	3.7	2.4	(Z)	1.2	-	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . .	824.4	96.7	95.8	66.6	12.3	16.9	-	.9	.4	-	.2	.4
361	ELECTRIC TEST, DISTRIBUTING EQUIP. . .	70.4	9.9	9.7	6.3	3.0	.4	-	.2	-	-	.2	-
362	ELECTRICAL INDUSTRIAL APPARATUS. . .	78.3	11.8	11.8	9.3	.6	1.9	-	-	-	-	-	-
363	HOUSEHOLD APPLIANCES . . . . .	90.9	20.9	20.5	13.5	-	7.0	-	.4	-	-	-	.4
364	ELECT. LIGHTING, AND WIRING EQUIP. . .	37.8	5.8	5.4	4.6	.1	.8	-	.4	.4	-	-	-
365	RADIO AND TV RECEIVING EQUIPMENT . .	64.1	2.8	2.8	2.2	(Z)	.6	-	-	-	-	-	-
366	COMMUNICATION EQUIPMENT. . . . .	279.8	21.4	21.4	11.7	6.7	3.0	-	(Z)	-	-	(Z)	-
367	ELECTRONIC COMPONENTS, ACCESSORIES .	157.0	18.0	18.0	13.9	1.3	2.8	-	-	-	-	-	-
369	MISC. ELECTRICAL EQUIP., SUPPLIES. . .	46.0	6.2	6.2	5.2	.6	.4	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	1 166.4	292.9	276.8	110.6	68.5	16.9	80.9	16.1	-	6.3	(Z)	9.8
371	MOTOR VEHICLES AND EQUIPMENT . . . .	478.3	135.3	129.7	60.7	61.9	7.0	-	5.7	-	5.7	-	-
372	AIRCRAFT AND PARTS . . . . .	585.5	135.4	135.2	43.2	2.7	8.5	80.9	.2	-	(Z)	(Z)	.2
373	SHIP AND BOAT BUILDING, REPAIRING. . .	65.9	16.1	6.2	3.2	1.9	1.2	-	9.9	-	.2	(Z)	9.6
374	RAILROAD EQUIPMENT . . . . .	29.5	4.8	4.4	2.3	2.1	.1	-	.5	-	.5	(Z)	-
375	MOTORCYCLES, BICYCLES, AND PARTS . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(O)	(D)	(D)	(D)
379	MISC. TRANSPORTATION EQUIPMENT . . .	(O)	(D)	(O)	(O)	(D)	(D)	(D)	(O)	(O)	(D)	(D)	(D)
38	INSTRUMENTS AND RELATED PRODUCTS . .	150.0	32.2	31.9	8.0	19.3	4.5	-	.3	-	(Z)	-	.3
381	ENGINEERING, SCIENTIFIC INSTRUMENTS .	12.2	.5	.5	.3	-	.2	-	-	-	-	-	-
382	MECHAN. MEASURING, CONTROL DEVICES .	37.5	2.5	2.5	1.7	-	.8	-	(Z)	-	(Z)	-	-
383	OPTICAL INSTRUMENTS AND LENSES . . .	7.8	.4	.4	.4	-	-	-	-	-	-	-	-
384	MEDICAL INSTRUMENTS AND SUPPLIES . .	9.7	1.9	1.6	1.4	-	.2	-	.3	-	-	-	.3
385	OPHTHALMIC GOODS . . . . .	9.9	8.6	8.6	.6	8.0	(Z)	-	-	-	-	-	-
386	PHOTOGRAPHIC EQUIP. AND SUPPLIES . .	63.2	17.8	17.8	3.3	11.2	3.3	-	-	-	-	-	-
387	WATCHES, CLOCKS, AND WATCHCASES . .	9.7	.6	.6	.4	.1	.1	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . .	36.7	6.5	6.5	4.1	1.4	.9	-	-	-	-	-	-
391	JEWELRY, SILVERWARE, PLATED WARE . .	8.0	1.1	1.1	.7	.4	.1	-	-	-	-	-	-
393	MUSICAL INSTRUMENTS AND PARTS. . . .	.8	(Z)	(Z)	(Z)	-	-	-	-	-	-	-	-
394	TOYS AND SPORTING GOODS. . . . .	11.7	2.4	2.4	1.5	.5	.4	-	-	-	-	-	-
395	PENS, PENCILS, OFFICE, ART GOODS . . .	3.5	.2	.2	.1	(Z)	(Z)	-	-	-	-	-	-
396	COSTUME JEWELRY AND NOTIONS. . . . .	4.0	.6	.6	.3	.2	.2	-	-	-	-	-	-
399	MISCELLANEOUS MANUFACTURES . . . . .	8.7	2.0	2.0	1.5	.3	.3	-	-	-	-	-	-

Note: Detailed figures may not add to total because of independent rounding. The figures shown for industry groups include data for all component industries whether or not separate figures are shown for the individual industries in the group.

TABLE 4. Water Intake by Source and Purpose, Gross Water Used, and Water Discharged by Establishments Recirculating Water: 1968—Continued

## A. INDUSTRY GROUPS—Continued

(All water data in billions of gallons)

Code	Industry group	Water intake							Gross water used, including recirculation or reuse	Total water discharged
		Total	Treated prior to use (included in total)	By purpose of intake						
				Process	Air conditioning	Steam electric power generation	Other cooling and condensing	Boiler feed, sanitary service, and other uses		
34	FABRICATED METAL PRODUCTS. . . . .	42.0	4.3	20.2	3.1	1.8	9.0	7.8	143.2	39.8
341	METAL CANS. . . . .	1.2	.1	.2	(Z)	(Z)	.5	.4	1.5	1.1
342	CUTLERY, HANDTOOLS, AND HARDWARE. .	14.1	1.0	6.5	1.9	1.6	2.7	1.4	27.5	13.4
343	PLUMBING AND HEATING EXC. ELECTRIC .	3.1	.2	2.0	(Z)	.1	.4	.5	5.5	2.7
344	FABRICATED STRUCTURAL METAL PROO. .	4.8	.3	1.6	.2	(Z)	1.3	1.7	9.0	4.6
345	SCREW MACHINE PRODUCTS, BOLTS, ETC. .	3.1	.3	2.3	.1	(Z)	.3	.4	5.1	2.9
346	METAL STAMPINGS. . . . .	7.5	.7	3.4	.2	.1	1.5	2.3	75.4	7.0
347	METAL SERVICES, NEC. . . . .	2.6	.4	2.3	(Z)	(Z)	.2	.1	3.8	2.5
348	MISC. FABRICATED WIRE PRODUCTS. . .	.5	(Z)	.3	(Z)	—	.1	(Z)	.9	.4
349	MISC. FABRICATED METAL PRODUCTS. . .	5.2	1.2	1.6	.6	(Z)	2.0	.9	14.4	5.0
35	MACHINERY, EXCEPT ELECTRICAL. . .	150.6	13.6	19.4	14.6	58.8	40.0	17.7	300.1	143.2
351	ENGINES AND TURBINES. . . . .	75.5	2.2	3.1	2.2	39.3	26.5	4.4	99.6	74.7
352	FARM MACHINERY. . . . .	18.7	.5	3.6	.6	11.3	1.2	1.9	30.3	17.3
353	CONSTRUCTION AND RELATED MACHINERY .	16.7	4.8	3.6	1.4	5.5	3.4	2.8	62.0	16.4
354	METALWORKING MACHINERY. . . . .	5.6	.8	1.3	.7	.1	1.8	1.8	12.8	4.9
355	SPECIAL INDUSTRY MACHINERY. . . . .	4.6	.4	.8	.2	2.5	.4	.8	8.4	1.9
356	GENERAL INDUSTRIAL MACHINERY. . . .	8.0	2.1	1.8	1.1	(Z)	3.1	2.0	33.5	7.6
357	OFFICE AND COMPUTING MACHINES. . . .	12.1	1.1	1.5	7.4	—	1.5	1.7	30.4	11.8
358	SERVICE INDUSTRY MACHINES. . . . .	5.7	.6	2.3	.8	(Z)	1.1	1.6	14.0	5.5
359	MISC. MACHINERY, EXCEPT ELECTRICAL .	3.7	1.2	1.6	.3	(Z)	1.0	.7	9.0	3.1
36	ELECTRICAL EQUIP. AND SUPPLIES. . .	96.7	18.9	36.8	10.2	9.1	20.4	20.3	339.8	89.8
361	ELECTRIC TEST, DISTRIBUTING EQUIP. . .	9.9	.7	2.2	1.0	2.7	2.2	1.8	25.9	9.1
362	ELECTRICAL INDUSTRIAL APPARATUS. . .	11.8	2.8	3.4	.8	.3	5.0	2.4	29.6	11.1
363	HOUSEHOLD APPLIANCES. . . . .	20.9	1.6	14.4	1.3	(Z)	2.7	2.5	32.8	19.8
364	ELECT. LIGHTING, AND WIRING EQUIP. . .	5.8	1.0	2.5	.2	.1	2.0	1.0	11.7	4.9
365	RADIO AND TV RECEIVING EQUIPMENT. .	2.8	.6	.8	.1	(Z)	1.0	.8	8.9	2.5
366	COMMUNICATION EQUIPMENT. . . . .	21.4	4.4	4.0	3.7	5.9	2.3	5.4	127.6	19.9
367	ELECTRONIC COMPONENTS, ACCESSORIES .	18.0	7.3	7.1	2.8	—	3.4	4.6	84.9	16.8
369	MISC. ELECTRICAL EQUIP., SUPPLIES. .	6.2	.5	2.3	.3	(Z)	1.8	1.8	18.4	5.7
37	TRANSPORTATION EQUIPMENT. . . . .	292.9	34.9	54.8	21.8	5.1	46.9	164.3	890.7	273.8
371	MOTOR VEHICLES AND EQUIPMENT. . . .	135.3	23.0	38.9	3.4	.3	27.0	65.7	603.0	124.1
372	AIRCRAFT AND PARTS. . . . .	135.4	11.2	13.1	18.1	4.2	11.0	89.0	255.6	127.8
373	SHIP AND BOAT BUILDING, REPAIRING. .	16.1	.3	1.6	.2	.2	7.7	6.5	18.6	16.0
374	RAILROAD EQUIPMENT. . . . .	4.8	.4	.7	.1	.5	.7	2.8	11.7	4.5
375	MOTORCYCLES, BICYCLES, AND PARTS. .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
379	MISC. TRANSPORTATION EQUIPMENT. . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
38	INSTRUMENTS AND RELATED PRODUCTS. .	32.2	14.2	13.2	3.6	8.1	2.9	4.4	112.5	30.6
381	ENGINEERING, SCIENTIFIC INSTRUMENTS .	.5	(Z)	.1	.1	—	.2	.1	2.9	.5
382	MECHAN. MEASURING, CONTROL DEVICES .	2.5	.6	1.2	.2	(Z)	.4	.6	5.3	2.4
383	OPTICAL INSTRUMENTS AND LENSES. . .	.4	.1	.1	.1	—	(Z)	.1	3.7	.3
384	MEDICAL INSTRUMENTS AND SUPPLIES. .	1.9	.3	.6	.1	(Z)	.5	.7	3.5	1.8
385	OPHTHALMIC GOODS. . . . .	8.6	.3	.7	(Z)	7.0	.4	.5	10.4	8.6
386	PHOTOGRAPHIC EQUIP. AND SUPPLIES. .	17.8	12.9	10.4	3.0	1.1	1.4	2.0	85.7	16.5
387	WATCHES, CLOCKS, AND WATCHCASES. .	.6	.1	.2	.1	—	(Z)	.2	1.0	.6
39	MISC. MANUFACTURING INDUSTRIES. . .	6.5	1.0	3.0	.2	.6	1.5	1.1	15.9	6.0
391	JEWELRY, SILVERWARE, PLATED WARE. .	1.1	(Z)	.5	(Z)	.4	(Z)	.3	1.6	1.1
393	MUSICAL INSTRUMENTS AND PARTS. . . .	(Z)	(Z)	—	(Z)	—	—	(Z)	(Z)	(Z)
394	TOYS AND SPORTING GOODS. . . . .	2.4	.5	1.0	.1	(Z)	1.0	.3	4.2	2.4
395	PENS, PENCILS, OFFICE, ART GOODS. . .	.2	.1	(Z)	(Z)	—	.1	(Z)	.3	.2
396	COSTUME JEWELRY AND NOTIONS. . . .	.6	(Z)	.4	(Z)	—	.1	.1	1.4	.5
399	MISCELLANEOUS MANUFACTURES. . . . .	2.0	.4	1.1	.1	.3	.3	.4	8.3	1.8

Standard notes: — Represents zero. (D) Withheld to avoid disclosing figures of individual companies. Z Less than 50 million gallons.



TABLE 4. Water Intake by Source and Purpose, Gross Water Used, and Water Discharged by Establishments Recirculating Water: 1968

B. WATER USE REGIONS AND MAJOR INDUSTRY GROUPS

(All water data in billions of gallons)

Code	Water use region and major industry group	All employees  (1,000)	Water intake by source										
			Total	Fresh water						Brackish water			
				Total	From public water systems	From company water systems			Total	From public water systems	From company water systems		
						Surface	Ground	Tidewater			Surface	Ground	Tidewater
	UNITED STATES, TOTAL . . . . .	5 924.9	13 170.9	10 719.8	1 317.3	7 693.4	1 307.5	401.6	2 451.1	3.9	570.5	71.7	1 805.0
	NEW ENGLAND . . . . .	401.0	500.1	421.0	66.3	256.1	17.6	81.0	79.0	-	10.3	(Z)	68.6
20	FOOD AND KINDRED PRODUCTS . . . . .	8.5	16.6	8.3	5.5	1.2	1.5	-	8.4	-	-	(Z)	8.4
22	TEXTILE MILL PRODUCTS . . . . .	14.5	13.1	12.7	.9	11.1	.7	-	.5	-	.1	-	.3
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	32.2	225.3	215.6	8.9	201.7	4.9	.2	9.8	-	9.8	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	15.2	49.5	18.8	10.6	3.7	4.5	-	30.7	-	-	-	30.7
29	PETROLEUM AND COAL PRODUCTS . . . . .	.5	.9	.2	.2	-	(Z)	-	.7	-	-	-	.7
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	25.6	17.6	17.0	3.2	12.2	1.6	-	.6	-	.4	-	.3
31	LEATHER AND LEATHER PRODUCTS . . . . .	1.9	1.0	1.0	.5	.3	.2	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	8.6	2.6	2.6	1.6	.3	.8	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	24.1	24.1	24.1	9.7	12.8	1.6	-	(Z)	-	-	-	(Z)
34	FABRICATED METAL PRODUCTS . . . . .	15.3	7.0	2.7	2.3	-	.4	-	4.3	-	-	-	4.3
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	43.4	27.3	3.9	3.0	.7	.3	-	23.4	-	-	-	23.4
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	63.3	9.3	9.3	6.5	2.4	.4	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	94.8	87.8	87.3	5.1	1.0	.3	80.9	.6	-	-	-	.6
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	28.9	9.7	9.7	1.5	8.1	.1	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . . . .	13.4	3.0	3.0	2.0	.7	.3	-	-	-	-	-	-
	DELAWARE AND HUDSON . . . . .	614.5	1 069.1	819.2	101.4	437.0	63.2	217.6	249.9	(Z)	2.9	2.4	244.6
20	FOOD AND KINDRED PRODUCTS . . . . .	57.3	61.4	48.4	26.7	7.8	6.8	7.1	13.0	-	.5	-	12.5
21	TOBACCO MANUFACTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
22	TEXTILE MILL PRODUCTS . . . . .	4.6	2.5	2.5	1.3	1.0	.2	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . . . .	17.6	75.4	74.0	4.4	56.9	5.9	6.9	1.4	-	(Z)	-	1.4
26	PAPER AND ALLIED PRODUCTS . . . . .	81.3	246.1	184.3	24.8	56.2	26.1	77.2	61.8	-	2.4	1.2	58.2
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	11.8	283.4	129.9	5.2	2.2	2.8	119.7	153.5	-	-	-	153.5
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	20.0	8.3	6.5	3.0	1.7	1.8	-	1.8	-	.2	.1	1.5
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	22.8	16.1	15.7	1.8	10.0	3.8	(Z)	.4	-	.2	.2	(Z)
33	PRIMARY METAL INDUSTRIES . . . . .	72.4	287.9	272.1	16.8	249.7	5.5	-	15.8	-	(Z)	.3	15.5
34	FABRICATED METAL PRODUCTS . . . . .	25.5	2.8	2.8	2.3	(Z)	.5	-	(Z)	-	(Z)	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	49.4	53.0	52.9	1.8	43.3	1.1	6.7	.2	(Z)	-	-	.1
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	125.3	17.4	16.8	6.4	7.2	3.3	-	.5	-	-	.2	.4
37	TRANSPORTATION EQUIPMENT . . . . .	99.7	10.1	8.9	5.1	.1	3.8	-	1.2	-	-	-	1.2
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	17.1	2.4	2.1	.7	-	1.3	-	.3	-	-	-	.3
39	MISC. MANUFACTURING INDUSTRIES . . . . .	7.6	1.3	1.3	.5	.4	.4	-	-	-	-	-	-
	CHESAPEAKE BAY . . . . .	312.0	693.3	388.1	51.8	221.5	51.9	63.0	305.2	-	17.1	.9	287.2
20	FOOD AND KINDRED PRODUCTS . . . . .	21.8	16.5	9.2	5.2	1.5	2.4	.1	7.3	-	-	-	7.3
21	TOBACCO MANUFACTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
22	TEXTILE MILL PRODUCTS . . . . .	9.0	2.8	2.6	1.3	1.3	(Z)	-	.2	-	.1	.1	-
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-
25	FURNITURE AND FIXTURES . . . . .	5.5	.2	.2	.1	.1	(Z)	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	15.8	135.3	131.7	12.8	96.1	22.8	-	3.6	-	-	-	3.6
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	29.2	177.1	141.6	8.6	61.2	9.0	62.9	35.5	-	16.8	-	18.7
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	8.4	2.9	2.9	1.2	1.0	.7	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS . . . . .	.7	.4	.4	(Z)	.2	.2	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	10.6	6.5	5.5	2.6	.3	2.6	-	1.0	-	.2	.7	-
33	PRIMARY METAL INDUSTRIES . . . . .	50.4	320.9	71.0	6.7	55.1	9.1	-	249.9	-	-	-	249.9
34	FABRICATED METAL PRODUCTS . . . . .	7.2	2.4	2.4	2.0	.3	.1	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	26.3	2.2	2.2	.8	.3	1.1	-	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	57.5	5.5	5.5	4.5	-	1.0	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	55.0	14.5	6.9	4.2	1.9	.8	-	7.7	-	-	-	7.7
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	EASTERN GREAT LAKES-ST. LAWRENCE . . . . .	734.6	1 315.6	1 216.2	143.2	1 029.9	39.5	3.6	99.4	.2	98.8	.5	-
20	FOOD AND KINDRED PRODUCTS . . . . .	28.2	18.0	17.7	9.1	4.0	1.0	3.6	.2	-	.2	(Z)	-
22	TEXTILE MILL PRODUCTS . . . . .	2.4	.5	.5	.4	.1	(Z)	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
25	FURNITURE AND FIXTURES . . . . .	1.2	.1	.1	.1	-	(Z)	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	12.0	70.6	60.5	2.8	56.7	.9	-	10.1	-	9.9	-	.2
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	33.4	245.2	245.0	27.9	199.4	17.8	-	.1	-	-	.1	-
29	PETROLEUM AND COAL PRODUCTS . . . . .	3.8	64.3	64.3	4.2	50.7	9.4	-	-	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	41.0	36.3	36.2	5.5	27.0	3.7	-	.1	-	-	.1	-
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	18.5	24.3	24.3	4.1	19.3	.9	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	99.6	720.3	637.4	31.9	604.5	1.0	-	82.9	-	82.9	-	-
34	FABRICATED METAL PRODUCTS . . . . .	61.8	7.4	7.1	6.9	-	.2	-	.3	-	.3	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	65.5	6.3	6.3	5.8	(Z)	.4	-	(Z)	-	(Z)	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	67.8	7.2	7.0	6.5	.2	.4	-	.2	.2	.4	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	243.6	101.2	95.8	35.0	57.5	3.3	-	5.4	-	5.4	(Z)	-
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	48.9	12.9	12.9	2.1	10.6	.1	-	(Z)	-	(Z)	-	-
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OHIO RIVER . . . . .	844.8	2 131.8	2 127.2	117.5	1 836.3	173.4	-	4.7	.1	2.9	1.7	-
20	FOOD AND KINDRED PRODUCTS . . . . .	35.5	34.5	34.3	8.7	4.1	21.6	-	.2	.1	.1	(Z)	-
21	TOBACCO MANUFACTURES . . . . .	6.8	.7	.7	.7	-	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS . . . . .	1.9	1.2	1.2	.1	1.0	(Z)	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(Z)	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES . . . . .	1.3	.1	.1	.1	-	(Z)	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	16.6	57.1	57.1	2.3	22.7	32.1	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	59.8	607.8	606.0	22.3	536.4	47.3	-	1.8	-	.5	1.3	-
29	PETROLEUM AND COAL PRODUCTS . . . . .	5.7	30.1	30.1	.7	21.3	8.1	-	-	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	26.8	8.4	8.2	3.7	.9	3.6	-	.1	-	-	.1	-
31	LEATHER AND LEATHER PRODUCTS . . . . .	1.9	2.6	2.6	2.5	.1	(Z)	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	36.1	17.6	17.5	5.0	8.5	4.0	-	(Z)	-	(Z)	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	229.0	1 305.6	1 303.7	30.8	1 234.4	38.6	-	1.9	-	1.8	.1	-
34	FABRICATED METAL PRODUCTS . . . . .	40.0	5.7	5.7	3.0	.2	2.5	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	78.5	11.7	11.6	6.6	2.8	2.2	-	(Z)	-	(Z)	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	173.5	30.0	30.0	18.2	2.5	9.2	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	109.6	15.4	14.9	10.1	1.6	3.2	-	.5	-	.5	(Z)	-
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	6.1	.9	.9	.4	-	.4	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 4. Water Intake by Source and Purpose, Gross Water Used, and Water Discharged by Establishments Recirculating Water: 1968—Continued

## B. WATER USE REGIONS AND MAJOR INDUSTRY GROUPS—Continued

(All water data in billions of gallons)

		Water intake							Gross water used, including recirculation or reuse	Total water discharged
Code	Water use region and major industry group	Total	Treated prior to use (included in total)	By purpose of intake						
				Process	Air conditioning	Steam electric power generation	Other cooling and condensing	Boiler feed, sanitary service, and other uses		
	UNITED STATES, TOTAL . . . . .	13 170.9	3 249.0	3 510.3	209.6	2 697.9	5 857.7	895.3	33 405.1	12 063.4
	NEW ENGLAND . . . . .	500.1	159.4	196.6	9.4	94.5	81.0	118.6	880.7	475.5
20	FOOD AND KINDRED PRODUCTS . . . . .	16.6	1.7	2.8	1.2	.1	10.1	2.4	22.1	16.2
22	TEXTILE MILL PRODUCTS . . . . .	13.1	2.2	7.3	.4	2.2	1.0	2.3	15.5	11.5
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	225.3	141.9	148.2	1.3	43.8	8.5	23.6	490.1	212.4
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	49.5	3.6	7.3	.7	8.1	31.2	2.2	69.5	46.9
29	PETROLEUM AND COAL PRODUCTS . . . . .	.9	.1	(Z)	(Z)	—	.7	.1	1.3	.8
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	17.6	1.7	2.3	.6	.6	12.9	1.3	27.5	16.1
31	LEATHER AND LEATHER PRODUCTS . . . . .	1.0	—	.9	(Z)	(Z)	(Z)	(Z)	2.8	.9
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	2.6	.1	.9	.2	(Z)	1.3	.2	4.3	2.2
33	PRIMARY METAL INDUSTRIES . . . . .	24.1	3.6	15.8	.8	2.3	3.2	1.9	37.1	23.8
34	FABRICATED METAL PRODUCTS . . . . .	7.0	.2	1.5	1.7	1.4	1.9	.5	10.2	7.0
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	27.3	.9	.8	.4	23.5	1.6	1.1	40.1	24.4
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	9.3	1.3	3.1	1.0	1.3	2.7	1.3	18.2	8.9
37	TRANSPORTATION EQUIPMENT . . . . .	87.8	1.2	1.1	.7	4.0	1.9	80.0	107.7	87.3
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	9.7	.4	.9	.3	7.0	.8	.8	17.8	9.5
39	MISC. MANUFACTURING INDUSTRIES . . . . .	3.0	.1	1.8	.1	—	.8	.3	4.9	2.8
	DELAWARE AND HUDSON . . . . .	1 069.1	278.1	179.8	26.6	179.4	624.1	59.2	2 150.5	1 007.6
20	FOOD AND KINDRED PRODUCTS . . . . .	61.4	6.6	20.4	1.0	.7	31.4	8.0	96.9	57.0
21	TOBACCO MANUFACTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
22	TEXTILE MILL PRODUCTS . . . . .	2.5	1.1	1.4	(Z)	(Z)	.6	.4	3.5	1.6
26	PAPER AND ALLIED PRODUCTS . . . . .	75.4	48.4	47.2	1.4	15.5	9.1	2.3	304.5	63.8
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	246.1	53.5	32.8	8.0	21.1	172.8	11.4	427.7	231.6
29	PETROLEUM AND COAL PRODUCTS . . . . .	283.4	20.5	26.4	.4	46.4	197.6	12.6	670.4	268.2
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	8.3	2.2	1.1	.1	.2	4.3	2.6	17.6	7.2
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	—	(Z)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	16.1	2.2	4.4	.1	6.4	3.4	1.7	32.2	13.9
33	PRIMARY METAL INDUSTRIES . . . . .	287.9	134.8	36.4	1.5	68.1	172.0	9.9	401.3	278.3
34	FABRICATED METAL PRODUCTS . . . . .	2.8	.3	1.4	.1	(Z)	.7	.6	4.9	2.5
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	53.0	1.7	1.0	8.1	15.4	25.1	3.3	67.6	52.8
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	17.4	3.7	3.3	2.9	5.3	3.5	2.4	47.1	16.6
37	TRANSPORTATION EQUIPMENT . . . . .	10.1	1.6	2.9	2.3	—	2.1	2.7	69.1	9.4
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	2.4	.9	.2	.7	—	.8	.7	3.4	2.3
39	MISC. MANUFACTURING INDUSTRIES . . . . .	1.3	.4	.1	(Z)	.4	.5	.3	2.0	1.3
	CHESAPEAKE BAY . . . . .	693.3	418.4	139.3	10.6	167.2	342.5	33.8	1 236.7	638.7
20	FOOD AND KINDRED PRODUCTS . . . . .	16.5	2.1	5.4	.2	(Z)	8.8	2.1	27.4	15.1
21	TOBACCO MANUFACTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
22	TEXTILE MILL PRODUCTS . . . . .	2.8	2.3	2.0	.3	(Z)	.3	.2	4.3	2.5
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
25	FURNITURE AND FIXTURES . . . . .	.2	(Z)	(Z)	(Z)	—	(Z)	.1	.3	.2
26	PAPER AND ALLIED PRODUCTS . . . . .	135.3	86.5	60.4	.4	39.9	27.9	6.8	334.8	101.1
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	177.1	21.2	13.0	4.5	40.1	112.7	6.8	366.1	166.3
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	2.9	.4	.6	(Z)	—	1.5	.8	11.2	2.7
31	LEATHER AND LEATHER PRODUCTS . . . . .	.4	.1	.4	—	—	(Z)	(Z)	.6	.4
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	6.5	1.6	4.3	.1	—	1.6	.5	10.8	4.5
33	PRIMARY METAL INDUSTRIES . . . . .	320.9	299.2	46.2	1.4	86.7	179.2	7.3	402.0	316.9
34	FABRICATED METAL PRODUCTS . . . . .	2.4	.3	1.4	(Z)	—	.8	.2	2.8	2.4
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	2.2	.5	.8	.5	—	.4	.6	9.4	1.9
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	5.5	2.7	1.8	1.0	(Z)	.8	1.9	15.1	5.1
37	TRANSPORTATION EQUIPMENT . . . . .	14.5	.5	2.0	.4	.2	6.4	5.5	34.3	14.1
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	EASTERN GREAT LAKES-ST. LAWRENCE . . . . .	1 315.6	171.3	340.3	13.6	272.3	573.0	116.4	2 493.7	1 155.7
20	FOOD AND KINDRED PRODUCTS . . . . .	18.0	4.4	7.4	.5	1.7	5.3	3.1	39.9	15.6
22	TEXTILE MILL PRODUCTS . . . . .	.5	.1	.1	(Z)	—	.3	.1	8.4	.5
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
25	FURNITURE AND FIXTURES . . . . .	.1	—	(Z)	(Z)	—	.1	(Z)	.6	.1
26	PAPER AND ALLIED PRODUCTS . . . . .	70.6	44.0	55.4	.2	6.5	3.7	4.8	161.6	65.4
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	245.2	68.5	29.6	3.3	12.3	188.3	11.6	403.4	224.5
29	PETROLEUM AND COAL PRODUCTS . . . . .	64.3	3.1	1.0	.1	—	59.0	4.2	248.1	61.0
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	36.3	6.4	6.7	2.0	14.9	8.8	3.8	69.7	35.1
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	24.3	1.7	3.6	.2	15.7	3.4	1.3	41.5	23.0
33	PRIMARY METAL INDUSTRIES . . . . .	720.3	14.4	194.3	3.1	219.6	280.9	22.3	1 103.2	604.5
34	FABRICATED METAL PRODUCTS . . . . .	7.4	.6	4.1	.2	—	1.4	1.7	42.0	6.9
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	6.3	.9	1.7	.7	.3	1.5	2.2	18.7	5.9
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	7.2	1.1	2.3	.6	(Z)	1.7	2.5	29.6	6.8
37	TRANSPORTATION EQUIPMENT . . . . .	101.2	14.7	24.0	1.9	.3	18.2	56.9	257.8	93.4
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	12.9	11.2	9.5	.5	1.1	.3	1.6	67.4	12.0
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(Z)	(D)	(D)	(D)
	OHIO RIVER . . . . .	2 131.8	319.9	379.7	23.4	335.5	1 281.2	112.0	3 802.0	1 982.9
20	FOOD AND KINDRED PRODUCTS . . . . .	34.5	10.1	7.2	.6	2.0	17.1	7.6	64.8	28.9
21	TOBACCO MANUFACTURES . . . . .	.7	.2	.1	.2	—	.1	.3	4.4	.5
22	TEXTILE MILL PRODUCTS . . . . .	1.2	1.1	.9	(Z)	—	.2	.1	1.3	1.0
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
25	FURNITURE AND FIXTURES . . . . .	.1	.1	.1	(Z)	(Z)	—	(Z)	.1	.1
26	PAPER AND ALLIED PRODUCTS . . . . .	57.1	28.8	30.2	1.1	15.9	6.3	3.6	178.5	47.7
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	607.8	46.1	29.9	8.1	44.1	502.1	23.4	1 044.4	573.9
29	PETROLEUM AND COAL PRODUCTS . . . . .	30.1	7.0	1.8	.1	.3	23.8	4.1	242.9	26.5
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	8.4	3.8	3.0	.8	—	2.8	1.8	20.3	7.1
31	LEATHER AND LEATHER PRODUCTS . . . . .	2.6	1.4	2.4	(Z)	—	.1	.1	2.6	2.6
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	17.6	6.8	5.9	.4	2.2	5.7	3.4	48.9	14.6
33	PRIMARY METAL INDUSTRIES . . . . .	1 305.6	199.7	271.6	7.1	265.9	706.3	54.8	2 010.0	1 221.4
34	FABRICATED METAL PRODUCTS . . . . .	5.7	1.0	2.0	.3	.1	1.5	1.7	27.2	5.3
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	11.7	2.5	2.6	.7	2.7	2.7	2.9	32.9	11.1
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	30.0	5.0	14.8	2.1	1.8	7.2	4.1	60.0	28.1
37	TRANSPORTATION EQUIPMENT . . . . .	15.4	5.4	5.0	1.7	.5	4.7	3.5	54.2	11.1
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	.9	.4	.6	(Z)	—	.1	.1	1.7	.7
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	—	(Z)	.1	.2	.2

See footnotes at end of table.



TABLE 4. Water Intake by Source and Purpose, Gross Water Used, and Water Discharged by Establishments Recirculating Water: 1968—Continued

B. WATER USE REGIONS AND MAJOR INDUSTRY GROUPS—Continued

(All water data in billions of gallons)

Code	Water use region and major industry group	All employees (1,000)	Water intake by source										
			Total	Fresh water					Brackish water				
				From public water systems	From company water systems			Total	From public water systems	From company water systems			
					Surface	Ground	Tidewater			Surface	Ground	Tidewater	
20	TENNESSEE . . . . .	117.0	340.2	340.2	16.6	314.1	9.5	-	(Z)	-	-	(Z)	-
22	FOOD AND KINDRED PRODUCTS . . . . .	4.5	2.1	2.1	1.0	.2	.9	-	-	-	-	-	-
24	TEXTILE MILL PRODUCTS . . . . .	14.1	4.3	4.3	1.9	.8	1.6	-	-	-	-	-	-
25	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
28	PAPER AND ALLIED PRODUCTS . . . . .	8.4	69.6	69.6	.3	69.0	.2	-	-	-	-	-	-
30	CHEMICALS AND ALLIED PRODUCTS . . . . .	36.4	236.7	236.7	6.4	226.1	4.3	(D)	(D)	(D)	(D)	(D)	(D)
31	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	STONE, CLAY, AND GLASS PRODUCTS . . . . .	2.3	1.1	1.1	.1	1.0	-	-	-	-	-	-	-
34	PRIMARY METAL INDUSTRIES . . . . .	17.2	16.8	16.8	2.9	12.8	1.1	-	(Z)	-	-	(Z)	-
35	FABRICATED METAL PRODUCTS . . . . .	7.6	.9	.9	.9	-	(Z)	-	-	-	-	-	-
36	MACHINERY, EXCEPT ELECTRICAL . . . . .	3.1	.6	.6	.6	-	-	-	-	-	-	-	-
37	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	13.2	1.1	1.1	1.1	-	-	-	-	-	-	-	-
38	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	SOUTHEAST . . . . .	515.0	1 091.8	897.2	132.0	497.8	267.2	.3	194.6	-	25.3	28.3	141.0
22	FOOD AND KINDRED PRODUCTS . . . . .	29.2	41.2	41.1	5.7	4.6	30.8	-	.1	-	.1	(Z)	-
24	TOBACCO MANUFACTURES . . . . .	20.6	2.4	2.4	2.3	-	.1	-	-	-	-	-	-
26	TEXTILE MILL PRODUCTS . . . . .	214.7	77.5	77.4	23.6	46.2	7.5	.1	.1	-	.1	(Z)	-
28	LUMBER AND WOOD PRODUCTS . . . . .	3.7	2.4	2.4	.1	.1	2.1	-	-	-	-	-	-
30	FURNITURE AND FIXTURES . . . . .	8.8	1.2	1.2	1.2	(Z)	-	-	-	-	-	-	-
32	PAPER AND ALLIED PRODUCTS . . . . .	41.2	617.9	487.3	54.2	294.8	138.2	-	130.7	-	24.6	-	106.1
34	CHEMICALS AND ALLIED PRODUCTS . . . . .	44.3	200.3	165.7	9.3	76.2	80.2	-	34.6	-	.1	28.3	6.2
36	PETROLEUM AND COAL PRODUCTS . . . . .	.9	26.6	5.5	4.5	-	.9	-	21.2	-	-	-	21.2
38	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	8.1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	WESTERN GREAT LAKES . . . . .	695.8	1 757.8	1 714.3	95.5	1 572.6	46.3	-	43.5	2.2	40.5	.8	-
22	FOOD AND KINDRED PRODUCTS . . . . .	48.7	56.9	55.2	19.0	27.2	9.0	-	1.8	-	1.8	(Z)	-
24	TOBACCO MANUFACTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	LUMBER AND WOOD PRODUCTS . . . . .	1.7	2.8	.6	.3	.4	-	-	2.2	-	-	-	-
30	FURNITURE AND FIXTURES . . . . .	7.8	.7	.7	.4	-	.4	-	-	-	-	-	-
32	PAPER AND ALLIED PRODUCTS . . . . .	25.3	163.7	161.6	5.6	143.3	12.7	-	2.1	-	2.1	-	-
34	CHEMICALS AND ALLIED PRODUCTS . . . . .	35.2	150.4	145.3	10.4	123.8	11.1	-	5.1	-	4.3	.8	-
36	PETROLEUM AND COAL PRODUCTS . . . . .	9.0	147.1	116.2	1.3	114.5	.4	-	31.0	-	31.0	-	-
38	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	9.9	6.6	6.6	1.9	3.3	1.4	-	-	-	-	-	-
39	LEATHER AND LEATHER PRODUCTS . . . . .	2.9	2.8	2.8	1.7	.9	.3	-	(Z)	-	(Z)	-	-
20	UPPER MISSISSIPPI . . . . .	450.9	628.5	626.7	138.1	376.9	111.7	-	1.8	-	1.4	.4	-
22	FOOD AND KINDRED PRODUCTS . . . . .	74.3	108.4	107.6	19.6	41.5	46.5	-	.8	-	.5	.3	-
24	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	PAPER AND ALLIED PRODUCTS . . . . .	21.1	137.0	137.0	3.6	119.5	13.8	-	-	-	-	-	-
30	CHEMICALS AND ALLIED PRODUCTS . . . . .	20.0	73.9	73.9	10.1	50.0	13.8	-	-	-	-	-	-
32	PETROLEUM AND COAL PRODUCTS . . . . .	5.1	88.2	88.2	71.4	6.1	10.7	-	-	-	-	-	-
34	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	9.1	4.5	4.5	2.2	(Z)	2.3	-	-	-	-	-	-
36	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
38	STONE, CLAY, AND GLASS PRODUCTS . . . . .	15.3	38.3	38.2	1.9	33.6	2.8	-	.1	-	.1	-	-
40	PRIMARY METAL INDUSTRIES . . . . .	31.2	122.8	122.8	7.8	105.2	9.8	-	-	-	-	-	-
42	FABRICATED METAL PRODUCTS . . . . .	18.7	4.4	4.4	2.3	-	2.1	-	-	-	-	-	-
44	MACHINERY, EXCEPT ELECTRICAL . . . . .	109.2	31.2	30.3	5.3	19.5	5.5	-	.9	-	.9	-	-
46	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	44.5	4.5	4.5	4.0	-	.5	-	-	-	-	-	-
48	TRANSPORTATION EQUIPMENT . . . . .	67.1	6.4	6.4	5.2	.1	1.1	-	(Z)	-	-	(Z)	-
50	INSTRUMENTS AND RELATED PRODUCTS . . . . .	11.0	.9	.9	.4	-	.6	-	-	-	-	-	-
52	MISC. MANUFACTURING INDUSTRIES . . . . .	2.6	.4	.4	.1	.3	(Z)	-	-	-	-	-	-
20	LOWER MISSISSIPPI . . . . .	73.8	552.4	540.5	11.2	435.5	89.0	4.8	11.9	.2	1.1	8.0	2.6
22	FOOD AND KINDRED PRODUCTS . . . . .	9.2	44.2	42.5	4.9	26.0	9.9	1.7	1.7	-	.9	.8	-
24	TEXTILE MILL PRODUCTS . . . . .	3.3	1.1	1.1	(Z)	-	1.0	-	-	-	-	-	-
26	LUMBER AND WOOD PRODUCTS . . . . .	1.7	2.5	2.5	.1	-	2.4	-	-	-	-	-	-
28	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	PAPER AND ALLIED PRODUCTS . . . . .	5.0	59.5	58.8	.4	34.0	24.3	-	.7	-	.7	-	-
32	CHEMICALS AND ALLIED PRODUCTS . . . . .	15.2	186.3	182.9	3.1	141.8	34.9	3.1	3.4	-	.8	2.6	-
34	PETROLEUM AND COAL PRODUCTS . . . . .	4.9	97.4	91.7	.3	81.2	10.3	-	5.6	-	5.6	-	-
36	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	5.8	4.1	4.1	.3	-	3.9	-	-	-	-	-	-
38	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
40	STONE, CLAY, AND GLASS PRODUCTS . . . . .	.7	.6	.6	.6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
42	PRIMARY METAL INDUSTRIES . . . . .	1.3	.3	.3	.3	-	.1	-	-	-	-	-	-
44	FABRICATED METAL PRODUCTS . . . . .	3.2	1.4	1.4	.5	.5	.3	-	(Z)	-	(Z)	-	-
46	MACHINERY, EXCEPT ELECTRICAL . . . . .	5.3	.5	.3	.3	-	(Z)	-	.2	-	.2	-	-
48	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
50	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	MISSOURI . . . . .	119.2	137.3	136.5	22.2	81.7	32.5	-	.9	-	(Z)	.8	-
22	FOOD AND KINDRED PRODUCTS . . . . .	34.2	44.9	44.8	10.7	19.3	14.9	-	(Z)	-	(Z)	(Z)	-
24	PAPER AND ALLIED PRODUCTS . . . . .	2.1	24.8	24.8	.3	24.1	.4	-	-	-	-	-	-
26	CHEMICALS AND ALLIED PRODUCTS . . . . .	6.2	15.3	14.4	2.3	2.4	9.8	-	.8	-	-	.8	-
28	PETROLEUM AND COAL PRODUCTS . . . . .	4.0	22.1	22.1	1.1	18.3	2.7	-	-	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.



TABLE 4. Water Intake by Source and Purpose, Gross Water Used, and Water Discharged by Establishments Recirculating Water: 1968—Continued

## B. WATER USE REGIONS AND MAJOR INDUSTRY GROUPS—Continued

(All water data in billions of gallons)

Code	Water use region and major industry group	Water intake							Gross water used, including recirculation or reuse	Total water discharged
		Total	Treated prior to use (included in total)	By purpose of intake						
				Process	Air conditioning	Steam electric power generation	Other cooling and condensing	Boiler feed, sanitary service, and other uses		
20	TENNESSEE . . . . .	340.2	104.2	92.2	17.9	33.5	167.4	29.3	783.1	322.7
22	FOOD AND KINDRED PRODUCTS . . . . .	2.1	.4	.8	(Z)	.1	.8	.4	5.7	1.9
24	TEXTILE MILL PRODUCTS . . . . .	4.3	2.5	3.0	.6	—	.2	.5	7.9	3.8
25	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	PAPER AND ALLIED PRODUCTS . . . . .	69.6	47.4	38.4	.9	20.0	6.1	4.1	243.8	63.4
29	CHEMICALS AND ALLIED PRODUCTS . . . . .	236.7	51.0	41.2	15.5	13.2	145.4	21.4	434.5	227.8
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	1.1	.7	1.0	.1	—	(Z)	(Z)	1.7	.9
33	PRIMARY METAL INDUSTRIES . . . . .	16.8	1.6	5.7	.4	—	9.0	1.7	67.5	16.0
34	FABRICATED METAL PRODUCTS . . . . .	.9	(Z)	.4	(Z)	.1	.1	.4	2.0	.7
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	.6	(Z)	.2	.1	—	.2	.1	.7	.6
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	1.1	.1	.8	.1	—	.1	.2	2.9	.7
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	—	(D)	(D)	(D)	(D)
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	SOUTHEAST . . . . .	1 091.8	509.4	508.6	31.4	167.0	304.0	80.8	3 629.5	1 016.7
22	FOOD AND KINDRED PRODUCTS . . . . .	41.2	4.0	10.3	1.5	1.2	25.2	3.0	83.1	39.7
24	TEXTILE MILL PRODUCTS . . . . .	2.4	.3	.9	.3	.2	.8	.8	67.0	1.8
25	LUMBER AND WOOD PRODUCTS . . . . .	77.5	54.4	54.2	6.0	2.7	3.9	10.8	218.4	66.8
26	FURNITURE AND FIXTURES . . . . .	2.4	1.6	.8	(Z)	.2	(Z)	1.4	5.3	2.2
28	PAPER AND ALLIED PRODUCTS . . . . .	1.2	.1	(Z)	.1	(Z)	.1	.9	2.1	.7
29	CHEMICALS AND ALLIED PRODUCTS . . . . .	617.9	342.5	371.6	6.7	131.3	85.2	23.1	1 806.6	599.0
30	PETROLEUM AND COAL PRODUCTS . . . . .	200.3	58.2	42.2	14.2	13.2	97.6	33.1	804.3	175.1
31	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	26.6	1.7	.8	(Z)	—	24.6	1.2	140.6	23.5
32	LEATHER AND LEATHER PRODUCTS . . . . .	8.9	.4	.4	.8	—	7.2	.5	11.4	8.8
33	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34	PRIMARY METAL INDUSTRIES . . . . .	16.4	2.9	7.7	.1	5.3	2.7	.6	61.7	12.6
35	FABRICATED METAL PRODUCTS . . . . .	85.4	41.2	14.6	.8	13.0	54.6	2.4	341.2	76.2
36	MACHINERY, EXCEPT ELECTRICAL . . . . .	2.2	.4	.8	.1	—	.9	.4	4.7	2.1
37	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	1.0	.2	.6	.1	—	.1	.2	13.3	1.0
38	TRANSPORTATION EQUIPMENT . . . . .	3.5	.2	1.8	.1	—	.6	1.0	22.0	3.1
39	INSTRUMENTS AND RELATED PRODUCTS . . . . .	4.3	1.4	1.7	.6	—	.8	1.1	43.9	3.6
20	WESTERN GREAT LAKES . . . . .	1 757.8	314.0	583.6	22.9	431.7	661.5	58.1	2 766.9	1 650.0
22	FOOD AND KINDRED PRODUCTS . . . . .	56.9	5.7	17.9	1.8	8.5	22.9	5.9	90.2	52.0
24	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
25	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	FURNITURE AND FIXTURES . . . . .	2.8	.4	.5	—	2.1	(Z)	.1	3.2	1.3
28	PAPER AND ALLIED PRODUCTS . . . . .	.7	.2	.5	.1	—	.1	.1	1.0	.7
29	CHEMICALS AND ALLIED PRODUCTS . . . . .	163.7	84.5	93.3	1.0	53.6	8.9	7.0	307.7	156.8
30	PETROLEUM AND COAL PRODUCTS . . . . .	150.4	24.6	77.6	3.0	6.1	56.0	7.7	302.3	96.6
31	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	147.1	3.4	15.9	.3	2.2	125.5	3.3	350.6	134.2
32	LEATHER AND LEATHER PRODUCTS . . . . .	6.6	.9	1.4	.9	.1	3.4	.8	10.0	6.6
33	STONE, CLAY, AND GLASS PRODUCTS . . . . .	2.8	.1	2.5	.1	(Z)	.2	.2	3.8	2.8
34	PRIMARY METAL INDUSTRIES . . . . .	20.6	.8	3.6	(Z)	12.0	4.2	.7	29.2	18.5
35	FABRICATED METAL PRODUCTS . . . . .	1 134.6	178.5	348.3	11.8	345.7	409.3	19.5	1 440.0	1 112.6
36	MACHINERY, EXCEPT ELECTRICAL . . . . .	7.7	.6	4.9	.2	.1	1.2	1.3	36.9	7.3
37	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	13.2	1.5	3.6	2.1	.6	4.0	3.0	31.2	12.4
38	TRANSPORTATION EQUIPMENT . . . . .	8.9	1.1	3.5	1.0	.6	1.5	2.2	45.6	7.6
39	INSTRUMENTS AND RELATED PRODUCTS . . . . .	19.2	3.3	8.1	.7	—	5.2	5.3	91.0	18.1
20	UPPER MISSISSIPPI . . . . .	628.5	149.5	180.5	10.7	189.3	200.4	47.6	1 448.1	518.6
22	FOOD AND KINDRED PRODUCTS . . . . .	108.4	26.2	30.2	3.4	6.6	56.1	12.1	195.5	99.9
24	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
25	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	137.0	59.5	78.0	1.2	37.6	10.0	10.3	287.5	123.3
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	73.9	19.0	20.9	.6	1.7	43.1	7.6	203.7	68.4
29	PETROLEUM AND COAL PRODUCTS . . . . .	88.2	7.9	1.2	.3	70.9	12.1	3.8	321.1	14.3
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	4.5	1.1	1.1	.2	—	2.8	.5	12.6	4.3
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	38.3	2.3	2.7	.2	29.1	3.9	2.5	44.8	36.7
33	PRIMARY METAL INDUSTRIES . . . . .	122.8	23.5	25.3	1.2	26.6	66.1	3.7	220.1	118.6
34	FABRICATED METAL PRODUCTS . . . . .	4.4	.6	3.0	.3	.1	.3	.6	10.1	4.4
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	31.2	4.9	6.8	1.6	16.3	3.7	2.7	53.0	30.2
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	4.5	.5	1.9	.3	(Z)	.9	1.4	7.8	4.4
37	TRANSPORTATION EQUIPMENT . . . . .	6.4	1.4	2.6	.9	—	1.0	1.9	73.6	5.7
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	.9	.5	.4	.1	—	.3	.1	1.7	.9
39	MISC. MANUFACTURING INDUSTRIES . . . . .	.4	(Z)	.1	(Z)	.3	(Z)	.1	.8	.3
20	LOWER MISSISSIPPI . . . . .	552.4	97.5	80.1	2.6	173.2	269.4	27.2	1 569.5	526.1
22	FOOD AND KINDRED PRODUCTS . . . . .	44.2	7.6	5.0	.6	.1	34.7	3.9	56.2	42.3
24	TEXTILE MILL PRODUCTS . . . . .	1.1	1.0	.7	(Z)	—	.1	.2	12.0	1.0
25	LUMBER AND WOOD PRODUCTS . . . . .	2.5	.3	1.9	(Z)	—	.3	.3	4.2	1.5
26	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	PAPER AND ALLIED PRODUCTS . . . . .	59.5	48.3	47.4	1.1	6.8	2.8	1.3	159.4	56.9
29	CHEMICALS AND ALLIED PRODUCTS . . . . .	186.3	30.1	9.9	.2	23.2	140.4	12.6	792.8	170.5
30	PETROLEUM AND COAL PRODUCTS . . . . .	97.4	5.3	6.8	—	—	84.7	5.9	359.4	93.6
31	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	4.1	3.9	.1	.2	(Z)	3.5	.3	10.0	4.1
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	.6	(Z)	.5	(Z)	—	(Z)	.1	1.5	.6
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34	FABRICATED METAL PRODUCTS . . . . .	.3	.1	.1	(Z)	(Z)	.1	(Z)	.4	.2
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	1.4	(Z)	.6	.2	—	.1	.5	2.9	.6
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	.5	.3	.2	(Z)	—	.2	.1	.7	.5
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	MISSOURI . . . . .	137.3	49.0	60.9	2.1	10.2	48.2	16.0	552.3	118.2
22	FOOD AND KINDRED PRODUCTS . . . . .	44.9	23.3	20.7	.5	7.9	10.2	5.5	89.9	39.8
26	PAPER AND ALLIED PRODUCTS . . . . .	24.8	5.4	21.0	—	2.0	.6	1.2	46.1	20.0
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	15.3	8.9	1.7	.2	.1	10.9	2.5	95.3	12.7
29	PETROLEUM AND COAL PRODUCTS . . . . .	22.1	7.0	1.2	.1	(Z)	16.7	4.1	199.4	18.2
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 4. **Water Intake by Source and Purpose, Gross Water Used, and Water Discharged by Establishments Recirculating Water: 1968—Continued**

## B. WATER USE REGIONS AND MAJOR INDUSTRY GROUPS—Continued

(All water data in billions of gallons)

Code	Water use region and major industry group	All employees  (1,000)	Water intake by source										
			Total	Fresh water						Brackish water			
				From public water systems	From company water systems			Total	From public water systems	From company water systems			
					Surface	Ground	Tidewater			Surface	Ground	Tidewater	
31	MISSOURI												
32	LEATHER AND LEATHER PRODUCTS . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	STONE, CLAY, AND GLASS PRODUCTS. . . .	2.2	3.0	3.0	.1	2.2	.6	-	-	-	-	-	-
34	PRIMARY METAL INDUSTRIES . . . . .	7.5	17.8	17.8	2.5	15.4	(Z)	-	-	-	-	-	-
35	FABRICATED METAL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	MACHINERY, EXCEPT ELECTRICAL . . . .	8.9	.3	.3	.3	(Z)	(Z)	-	-	-	-	-	-
37	ELECTRICAL EQUIP. AND SUPPLIES . . . .	12.2	1.0	1.0	1.0	-	.1	-	-	-	-	-	-
38	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	ARKANSAS, WHITE AND RED. . . . .	140.4	222.7	219.8	29.5	108.5	81.8	-	2.9	1.1	.2	1.6	-
22	FOOD AND KINDRED PRODUCTS. . . . .	12.2	9.1	9.1	5.7	1.5	1.9	-	-	-	-	-	-
24	TEXTILE MILL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	LUMBER AND WOOD PRODUCTS . . . . .	3.3	1.6	1.6	.1	.9	.7	-	-	-	-	-	-
28	PAPER AND ALLIED PRODUCTS. . . . .	12.4	84.6	84.6	1.1	42.9	40.5	-	-	-	-	-	-
29	CHEMICALS AND ALLIED PRODUCTS. . . . .	7.6	59.1	57.4	9.6	25.5	22.3	-	1.6	-	(Z)	1.6	-
30	PETROLEUM AND COAL PRODUCTS. . . . .	9.4	25.6	24.4	8.2	2.3	13.9	-	1.2	1.1	.1	(Z)	-
32	RUBBER AND PLASTICS PRODUCTS, NEC.	3.9	1.0	1.0	.2	.5	.4	-	-	-	-	-	-
33	STONE, CLAY, AND GLASS PRODUCTS. . . .	3.5	2.8	2.8	.3	1.6	.9	-	-	-	-	-	-
34	PRIMARY METAL INDUSTRIES . . . . .	10.9	33.7	33.7	.5	32.9	.3	-	-	-	-	-	-
35	FABRICATED METAL PRODUCTS. . . . .	5.2	.3	.3	.2	-	(Z)	-	-	-	-	-	-
36	MACHINERY, EXCEPT ELECTRICAL . . . .	6.7	.6	.6	.4	-	.2	-	-	-	-	-	-
37	ELECTRICAL EQUIP. AND SUPPLIES . . . .	9.9	1.2	1.2	1.1	-	.1	-	-	-	-	-	-
38	TRANSPORTATION EQUIPMENT . . . . .	40.4	1.6	1.6	1.6	-	-	-	-	-	-	-	-
39	INSTRUMENTS AND RELATED PRODUCTS . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	WESTERN GULF . . . . .	216.3	694.3	419.6	133.0	167.2	118.8	.5	1 274.7	.1	349.6	2.3	922.8
22	FOOD AND KINDRED PRODUCTS. . . . .	15.2	10.8	7.8	5.7	(Z)	2.2	-	3.0	-	-	-	3.0
24	TEXTILE MILL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	LUMBER AND WOOD PRODUCTS . . . . .	1.6	1.0	1.0	.1	.1	.8	-	(Z)	-	(Z)	-	-
28	PAPER AND ALLIED PRODUCTS. . . . .	4.9	54.2	54.2	15.3	5.2	33.6	-	-	-	-	-	-
29	CHEMICALS AND ALLIED PRODUCTS. . . . .	38.6	1 037.0	150.6	41.2	64.7	44.6	.1	886.4	(Z)	124.5	2.2	759.6
30	PETROLEUM AND COAL PRODUCTS. . . . .	30.8	393.3	131.7	51.7	47.3	32.7	-	261.6	.1	224.5	(Z)	37.0
32	RUBBER AND PLASTICS PRODUCTS, NEC.	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	STONE, CLAY, AND GLASS PRODUCTS. . . .	4.6	4.2	2.7	.4	(Z)	1.8	.4	1.5	-	.5	-	1.0
34	PRIMARY METAL INDUSTRIES . . . . .	18.6	174.0	52.3	1.9	48.8	1.5	-	121.8	-	-	(Z)	121.7
35	FABRICATED METAL PRODUCTS. . . . .	4.0	.3	.3	.3	-	.1	-	-	-	-	-	-
36	MACHINERY, EXCEPT ELECTRICAL . . . .	6.9	.9	.9	.4	-	.6	-	-	-	-	-	-
37	ELECTRICAL EQUIP. AND SUPPLIES . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	59.8	15.0	14.5	13.6	-	.9	-	.4	-	-	-	.4
20	COLORADO BASIN . . . . .	30.3	22.5	20.6	9.2	3.8	7.6	-	1.9	-	-	1.9	-
22	FOOD AND KINDRED PRODUCTS. . . . .	1.1	1.8	1.8	1.3	-	.5	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	.8	3.5	3.5	1.3	1.8	.3	-	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS. . . .	(D)	(D)	(D)	(D)	-	(D)	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	4.8	10.9	9.0	5.3	1.2	2.5	-	1.9	-	-	1.9	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
38	INSTRUMENTS AND RELATED PRODUCTS . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	GREAT BASIN. . . . .	16.5	33.4	26.0	8.4	5.3	12.3	-	7.4	-	3.2	4.3	-
22	FOOD AND KINDRED PRODUCTS. . . . .	1.2	2.1	2.1	.7	1.1	.3	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
29	PETROLEUM AND COAL PRODUCTS. . . . .	.6	2.5	2.1	1.5	-	.6	-	.4	-	-	.4	-
32	STONE, CLAY, AND GLASS PRODUCTS. . . .	.3	.5	.5	.1	-	.4	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34	FABRICATED METAL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	CALIFORNIA . . . . .	443.2	308.1	178.2	93.7	14.3	59.8	10.3	129.9	-	3.2	1.9	124.8
22	FOOD AND KINDRED PRODUCTS. . . . .	41.9	53.1	40.4	14.3	.7	24.9	.5	12.8	-	-	-	12.8
24	TEXTILE MILL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
26	LUMBER AND WOOD PRODUCTS . . . . .	5.2	9.6	9.6	.6	7.6	1.5	-	(Z)	-	(Z)	-	-
28	PAPER AND ALLIED PRODUCTS. . . . .	5.7	46.9	41.3	25.4	4.2	5.5	6.1	5.7	-	3.1	1.9	.6
29	CHEMICALS AND ALLIED PRODUCTS. . . . .	8.3	18.0	11.7	6.9	(Z)	3.5	1.3	6.3	-	-	-	6.3
30	PETROLEUM AND COAL PRODUCTS. . . . .	13.3	123.7	35.8	24.4	-	11.1	.3	87.9	-	(Z)	-	87.8
32	RUBBER AND PLASTICS PRODUCTS, NEC.	7.2	1.3	1.3	.4	-	.9	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS . . . .	(D)	(D)	(D)	(D)	-	(D)	-	-	-	-	-	-
33	STONE, CLAY, AND GLASS PRODUCTS. . . .	20.3	23.2	10.1	2.0	.7	7.4	(Z)	13.1	-	(Z)	-	13.1
34	PRIMARY METAL INDUSTRIES . . . . .	25.4	14.2	10.1	7.3	-	2.8	-	4.1	-	-	-	4.1
35	FABRICATED METAL PRODUCTS. . . . .	6.5	.5	.5	.5	-	(Z)	-	-	-	-	-	-
36	MACHINERY, EXCEPT ELECTRICAL . . . .	20.2	.9	.9	.7	-	.3	-	-	-	-	-	-
37	ELECTRICAL EQUIP. AND SUPPLIES . . . .	60.5	3.0	3.0	3.0	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	126.4	7.0	7.0	5.5	1.1	.4	-	(Z)	-	-	(Z)	-
38	INSTRUMENTS AND RELATED PRODUCTS . .	6.5	.4	.4	.4	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . . .	(D)	(D)	(D)	(D)	-	(Z)	-	-	-	-	-	-
20	PACIFIC NORTHWEST. . . . .	171.8	520.0	492.4	143.2	229.7	99.0	20.5	27.6	-	14.2	.1	13.3
22	FOOD AND KINDRED PRODUCTS. . . . .	21.6	28.6	28.6	6.1	2.4	19.8	.3	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . . . .	19.4	52.3	37.4	1.9	28.8	3.3	3.4	14.9	-	14.2	-	.7
26	PAPER AND ALLIED PRODUCTS. . . . .	18.0	327.5	322.8	118.3	148.7	39.2	16.5	4.7	-	-	-	4.7
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	2.6	57.6	52.2	2.4	29.6	20.2	(Z)	5.3	-	-	.1	5.2
29	PETROLEUM AND COAL PRODUCTS. . . . .	1.0	3.8	3.8	3.1	.7	-	-	-	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC.	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS. . . .	9.2	.6	.6	.4	-	.1	.1	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	44.5	41.8	41.8	6.0	19.5	16.3	-	2.8	-	-	-	2.8
34	FABRICATED METAL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
35	MACHINERY, EXCEPT ELECTRICAL . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	CUMBERLAND . . . . .	17.9	36.2	36.2	2.9	33.2	(Z)	-	-	-	-	-	-
22	FOOD AND KINDRED PRODUCTS. . . . .	1.9	.9	.9	.9	-	-	-	-	-	-	-	-

See footnotes at end of table.



TABLE 4. Water Intake by Source and Purpose, Gross Water Used, and Water Discharged by Establishments Recirculating Water: 1968—Continued

## B. WATER USE REGIONS AND MAJOR INDUSTRY GROUPS—Continued

(All water data in billions of gallons)

Code	Water use region and major industry group	Water intake							Gross water used, including recirculation or reuse	Total water discharged
		Total	Treated prior to use (included in total)	By purpose of intake						
				Process	Air conditioning	Steam electric power generation	Other cooling and condensing	Boiler feed, sanitary service, and other uses		
31	MISSOURI									
32	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(O)	(O)	(O)	(D)	(O)	(D)	(D)
33	STONE, CLAY, AND GLASS PRODUCTS . . . . .	3.0	1.8	1.4	.1	(Z)	1.4	.1	4.0	2.1
34	PRIMARY METAL INDUSTRIES . . . . .	17.8	.7	11.9	.2	-	5.5	.3	25.7	17.8
35	FABRICATED METAL PRODUCTS . . . . .	(D)	(O)	(D)	(D)	(D)	(O)	(D)	(O)	(O)
36	MACHINERY, EXCEPT ELECTRICAL . . . . .	.3	(Z)	.1	(Z)	(Z)	.1	.1	.9	.9
37	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	1.0	.4	.5	.2	(Z)	.2	.2	28.1	.8
38	TRANSPORTATION EQUIPMENT . . . . .	(D)	(O)	(D)	(O)	(O)	(O)	(D)	(D)	(O)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(O)	(O)	(D)	(D)	(D)	(O)	(O)	(D)	(O)
20	ARKANSAS, WHITE AND RED. . . . .	222.7	89.9	97.1	11.8	30.0	55.7	28.1	1 627.9	172.5
22	FOOD AND KINDRED PRODUCTS . . . . .	9.1	1.0	5.2	(Z)	(Z)	2.7	1.2	23.2	7.7
24	TEXTILE MILL PRODUCTS . . . . .	(D)	(O)	(D)	(O)	(O)	(D)	(O)	(D)	(O)
26	LUMBER AND WOOD PRODUCTS . . . . .	1.6	.6	.8	(Z)	.2	(Z)	.5	3.0	.9
28	PAPER AND ALLIED PRODUCTS . . . . .	84.6	61.6	65.9	1.3	6.2	5.4	5.7	412.8	78.8
29	CHEMICALS AND ALLIED PRODUCTS . . . . .	59.1	7.4	13.9	9.9	9.2	21.3	4.8	329.0	36.8
30	PETROLEUM AND COAL PRODUCTS . . . . .	25.6	13.5	1.6	.3	.2	14.2	9.4	721.0	13.2
32	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	1.0	.3	.1	(Z)	-	.7	.2	5.1	1.0
33	STONE, CLAY, AND GLASS PRODUCTS . . . . .	2.8	.5	1.1	(Z)	.3	1.1	.3	6.9	1.1
34	PRIMARY METAL INDUSTRIES . . . . .	33.7	4.1	6.4	(Z)	13.8	9.8	3.6	107.7	28.7
35	FABRICATED METAL PRODUCTS . . . . .	.3	.1	.1	(Z)	-	.1	.1	.5	.2
36	MACHINERY, EXCEPT ELECTRICAL . . . . .	.6	(Z)	.3	(Z)	-	(Z)	.2	1.5	.6
37	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	1.2	.1	.7	.1	-	.1	.3	2.3	1.1
38	TRANSPORTATION EQUIPMENT . . . . .	1.6	.4	.6	.1	-	.2	.8	5.7	1.3
39	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(O)	(D)	(O)	(D)	(D)	(D)	(O)	(D)	(O)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(O)	(O)	(D)	(O)	(D)	(O)	(D)	(O)
20	WESTERN GULF . . . . .	1 694.3	205.7	159.6	18.4	519.7	914.6	82.0	6 750.7	1 563.9
22	FOOD AND KINDRED PRODUCTS . . . . .	10.8	1.8	4.2	.1	(Z)	3.7	2.7	59.0	8.8
24	TEXTILE MILL PRODUCTS . . . . .	(O)	(O)	(D)	(D)	(D)	(D)	(D)	(O)	(O)
26	LUMBER AND WOOD PRODUCTS . . . . .	1.0	.1	.1	(Z)	.1	(Z)	.8	7.8	.9
28	PAPER AND ALLIED PRODUCTS . . . . .	54.2	25.3	50.7	.2	1.2	.8	1.2	380.2	51.1
29	CHEMICALS AND ALLIED PRODUCTS . . . . .	1 037.0	81.1	40.5	5.2	374.7	588.3	28.2	2 691.8	988.4
30	PETROLEUM AND COAL PRODUCTS . . . . .	393.3	75.4	24.2	.9	47.8	276.3	44.0	3 107.2	334.2
32	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(O)	(D)	(O)	(O)	(D)	(O)	(O)	(D)	(D)
33	STONE, CLAY, AND GLASS PRODUCTS . . . . .	4.2	(Z)	1.9	(Z)	.9	1.1	.4	9.5	2.4
34	PRIMARY METAL INDUSTRIES . . . . .	174.0	18.7	33.7	.7	94.9	42.4	2.4	421.2	159.7
35	FABRICATED METAL PRODUCTS . . . . .	.3	(Z)	.2	(Z)	-	.1	.1	.5	.3
36	MACHINERY, EXCEPT ELECTRICAL . . . . .	.9	.3	.1	.1	-	.3	.3	20.7	.8
37	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(O)	(O)	(D)	(O)	(O)	(D)	(D)	(O)
38	TRANSPORTATION EQUIPMENT . . . . .	15.0	.9	1.6	10.9	-	1.3	1.1	40.3	14.3
20	COLORADO BASIN . . . . .	22.5	6.6	11.9	.7	1.0	6.7	2.1	142.5	17.7
22	FOOD AND KINDRED PRODUCTS . . . . .	1.8	(Z)	1.3	.1	(Z)	.3	.1	6.1	1.4
24	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	CHEMICALS AND ALLIED PRODUCTS . . . . .	3.5	.3	.5	-	.1	2.6	.2	23.8	2.8
28	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(O)
30	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(O)	(O)	(D)	(D)
32	PRIMARY METAL INDUSTRIES . . . . .	10.9	1.7	6.1	.1	.8	3.2	.8	73.2	8.5
34	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	GREAT BASIN. . . . .	33.4	14.2	16.8	.4	3.0	9.9	3.4	192.4	24.9
22	FOOD AND KINDRED PRODUCTS . . . . .	2.1	1.7	.3	-	-	1.7	.1	4.0	.1
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	PETROLEUM AND COAL PRODUCTS . . . . .	2.5	1.9	(Z)	-	-	1.8	.7	43.2	1.5
30	STONE, CLAY, AND GLASS PRODUCTS . . . . .	.5	(Z)	.2	-	-	.1	.3	.7	.3
32	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	CALIFORNIA . . . . .	308.1	88.9	96.8	2.6	21.2	151.8	35.7	1 449.9	264.0
22	FOOD AND KINDRED PRODUCTS . . . . .	53.1	8.4	24.0	.3	2.7	18.9	7.2	100.4	48.8
24	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	(Z)	(D)	(D)
26	LUMBER AND WOOD PRODUCTS . . . . .	9.6	.5	1.1	(Z)	4.9	2.5	1.1	27.1	8.8
28	PAPER AND ALLIED PRODUCTS . . . . .	46.9	33.6	30.0	.1	11.7	3.4	1.9	167.2	44.3
29	CHEMICALS AND ALLIED PRODUCTS . . . . .	18.0	5.9	5.1	(Z)	.3	7.5	5.1	158.4	14.5
30	PETROLEUM AND COAL PRODUCTS . . . . .	123.7	15.9	5.6	.3	1.4	104.8	11.6	667.4	101.8
32	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	1.3	.4	.1	.1	-	.7	.4	10.4	1.2
33	LEATHER AND LEATHER PRODUCTS . . . . .	(O)	(D)	(D)	(O)	-	(Z)	-	(D)	(D)
34	STONE, CLAY, AND GLASS PRODUCTS . . . . .	23.2	12.5	17.8	.2	.2	4.0	1.0	35.1	19.5
35	PRIMARY METAL INDUSTRIES . . . . .	14.2	6.6	6.4	.3	-	5.6	1.8	166.5	9.8
36	FABRICATED METAL PRODUCTS . . . . .	.5	(Z)	.4	(Z)	-	(Z)	.1	.7	.5
37	MACHINERY, EXCEPT ELECTRICAL . . . . .	.9	.1	.2	.1	-	.2	.5	6.2	.9
38	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	3.0	1.0	.7	.3	-	.4	1.6	30.3	2.6
39	TRANSPORTATION EQUIPMENT . . . . .	7.0	3.4	3.0	.7	.1	1.3	1.9	61.9	5.8
39	INSTRUMENTS AND RELATED PRODUCTS . . . . .	.4	(Z)	.2	(Z)	-	(Z)	.1	1.1	.3
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	-	(Z)	(Z)	(O)	(D)
20	PACIFIC NORTHWEST. . . . .	520.0	223.3	311.7	3.7	39.1	126.9	38.5	1 610.5	458.3
22	FOOD AND KINDRED PRODUCTS . . . . .	28.6	1.7	16.7	2.5	1.2	6.5	1.7	72.3	27.6
24	LUMBER AND WOOD PRODUCTS . . . . .	52.3	4.3	14.3	.3	32.3	1.5	4.0	106.7	44.2
26	PAPER AND ALLIED PRODUCTS . . . . .	327.5	208.5	257.2	.3	5.6	41.8	22.6	1 052.1	295.1
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	57.6	1.3	2.9	(Z)	(Z)	51.1	3.5	146.9	55.7
29	PETROLEUM AND COAL PRODUCTS . . . . .	3.8	3.1	.3	-	-	2.1	1.4	71.1	2.2
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(O)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	.6	(Z)	.3	-	-	.3	(Z)	1.6	.4
33	PRIMARY METAL INDUSTRIES . . . . .	44.5	4.2	19.0	.4	-	21.1	4.0	144.9	28.4
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	CUMBERLAND . . . . .	36.2	9.0	3.2	.8	.5	29.7	1.9	58.6	35.7
22	FOOD AND KINDRED PRODUCTS . . . . .	.9	(Z)	.6	(Z)	-	.1	.2	2.0	.1

See footnotes at end of table.



TABLE 4. Water Intake by Source and Purpose, Gross Water Used, and Water Discharged by Establishments Recirculating Water: 1968—Continued

B. WATER USE REGIONS AND MAJOR INDUSTRY GROUPS—Continued

(All water data in billions of gallons)

(All water data in millions of gallons)													
Code	Water use region and major industry group	All employees  (1,000)	Water intake by source										
			Total	Fresh water						Brackish water			
				Total	From public water systems	From company water systems			Total	From public water systems	From company water systems		
						Surface	Ground	Tidewater			Surface	Ground	Tidewater
22	CUMBERLAND	(D)	(D)	(D)	(D)	-	(Z)	-	-	-	-	-	-
28	TEXTILE MILL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	CHEMICALS AND ALLIED PRODUCTS. . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	RUBBER AND PLASTICS PRODUCTS, NEC. .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	STONE, CLAY, AND GLASS PRODUCTS. . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	ELECTRICAL EQUIP. AND SUPPLIES. . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	TRANSPORTATION EQUIPMENT . . . . .	5.2	1.1	1.1	1.1	-	-	-	-	-	-	-	-
20	ALASKA . . . . .	1.3	31.3	31.3	.1	31.1	.1	-	-	-	-	-	-
26	FOOD AND KINDRED PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
29	PAPER AND ALLIED PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PETROLEUM AND COAL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	HAWAII . . . . .	8.6	84.6	68.8	1.6	40.8	26.4	-	15.8	-	-	15.8	-
29	FOOD AND KINDRED PRODUCTS. . . . .	8.3	82.8	67.8	.6	40.8	26.4	-	15.0	-	-	15.0	-
32	PETROLEUM AND COAL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	STONE, CLAY, AND GLASS PRODUCTS. . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures of individual companies. (Z) Less than 50 million gallons.

TABLE 4. Water Intake by Source and Purpose, Gross Water Used, and Water Discharged by Establishments Recirculating Water: 1968—Continued

## B. WATER USE REGIONS AND MAJOR INDUSTRY GROUPS—Continued

(All water data in billions of gallons)

Code	Water use region and major industry group	Water intake							Gross water used, including recirculation or reuse	Total water discharged
		Total	Treated prior to use (included in total)	By purpose of intake						
				Process	Air conditioning	Steam electric power generation	Other cooling and condensing	Boiler feed, sanitary service, and other uses		
	CUMBERLAND									
22	TEXTILE MILL PRODUCTS. . . . .	(D)	(D)	(O)	(O)	-	-	(Z)	(D)	(O)
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(O)	(O)	(O)	(O)	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(O)	(D)	(D)	(O)	(O)	(O)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	(D)	(D)	(O)	(O)	(D)	(D)	(O)	(D)	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	(D)	(O)	(D)	(O)	(O)	(D)	(O)	(D)	(D)
37	TRANSPORTATION EQUIPMENT. . . . .	1.1	.1	.4	(Z)	(Z)	.1	.5	1.7	1.1
	ALASKA . . . . .	31.3	24.5	27.8	-	2.1	.7	.7	113.5	29.9
20	FOOD AND KINDRED PRODUCTS. . . . .	(O)	(O)	(O)	(O)	(Z)	-	(Z)	(D)	(O)
26	PAPER AND ALLIED PRODUCTS. . . . .	(D)	(O)	(D)	(O)	(O)	(D)	(O)	(O)	(O)
29	PETROLEUM AND COAL PRODUCTS. . . . .	(D)	(D)	(D)	(O)	(D)	(D)	(O)	(D)	(D)
	HAWAII . . . . .	84.6	16.1	43.9	(Z)	27.7	9.0	4.1	146.1	83.8
20	FOOD AND KINDRED PRODUCTS. . . . .	82.8	15.8	43.4	(Z)	27.7	8.0	3.8	130.3	82.6
29	PETROLEUM AND COAL PRODUCTS. . . . .	(O)	(D)	(D)	(D)	(O)	(O)	(O)	(O)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(O)	(D)	(O)	(O)

Note: Detailed figures may not add to totals because of independent rounding. The figures shown for industry groups include data for all component industries whether or not separate figures are shown for the individual industries in the group.

TABLE 5. Water Intake, Gross Water Used, and Water Discharged by Discharge Point for Establishments Recirculating Water: 1968

A. INDUSTRY GROUPS  
(All water data in billions of gallons)

Code	Industry group	Value added by manufacture (million dollars)	Total water intake	Establishments recirculating water (number)	Gross water used, including recirculation or reuse, by purpose of recirculation					
					Total	Process	Air conditioning	Steam electric power generation	Other cooling and condensing	Boiler feed, sanitary service, and other uses
	ALL INDUSTRIES, TOTAL . . . . .	106155.0	13170.9	6135	33405.1	9459.9	1068.8	4049.6	17293.0	1533.8
2D	FOOD AND KINDRED PRODUCTS . . . . .	9190.3	634.1	1370	1169.2	361.2	39.6	79.7	588.0	100.7
2D1	MEAT PRODUCTS . . . . .	1359.3	76.2	251	140.6	37.5	7.1	8.3	66.4	21.4
2D2	DAIRY PRODUCTS . . . . .	626.7	27.3	266	49.3	7.5	.7	2.4	29.1	9.6
2D3	CANNED, CURED, AND FROZEN FOODS . . . . .	1684.4	98.8	271	195.9	105.5	3.1	7.2	64.0	16.2
2D4	GRAIN MILL PRODUCTS . . . . .	1071.3	72.8	51	119.8	17.1	2.2	8.4	82.7	9.3
2D5	BAKERY PRODUCTS . . . . .	353.6	2.0	32	8.5	.3	2.4	.1	4.3	1.4
2D6	SUGAR . . . . .	536.7	207.2	102	321.5	131.2	1.7	40.5	131.5	16.6
2D7	CONFECTIONERY AND RELATED PRODUCTS . . . . .	431.7	9.6	28	26.8	4.6	4.6	—	15.5	2.1
2D8	BEVERAGES . . . . .	2081.0	88.6	191	188.5	38.0	12.2	11.4	115.0	11.9
2D9	MISC. FOODS AND KINDRED PRODUCTS . . . . .	1045.6	51.7	178	118.3	19.6	5.5	1.5	79.5	12.1
21	TOBACCO MANUFACTURES . . . . .	1287.3	5.8	22	76.9	4.9	59.7	6.8	3.2	2.4
211	CIGARETTES . . . . .	1242.2	3.1	11	70.4	2.8	58.2	6.8	.8	1.9
212	CIGARS . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
213	CHEWING AND SMOKING TOBACCO . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
214	TOBACCO STEMMING AND REDRYING . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
22	TEXTILE MILL PRODUCTS . . . . .	2431.1	105.7	353	279.1	60.2	141.4	10.8	30.8	35.9
221	WEAVING MILLS, COTTON . . . . .	843.9	29.2	85	97.0	13.8	52.9	6.7	11.3	12.4
222	WEAVING MILLS, SYNTHETICS . . . . .	401.7	9.4	54	41.2	2.3	34.3	.2	1.3	3.0
223	WEAVING AND FINISHING MILLS, WOOL . . . . .	152.1	9.7	27	17.5	4.6	7.7	.7	.6	3.8
224	NARROW FABRIC MILLS . . . . .	17.9	.4	5	.7	.3	.2	—	(2)	.2
225	KNITTING MILLS . . . . .	227.9	5.1	37	8.3	2.7	3.7	—	.3	1.6
226	TEXTILE FINISHING, EXCEPT WOOL . . . . .	243.1	35.2	54	42.3	26.5	2.9	2.0	4.0	6.9
227	FLOOR COVERING MILLS . . . . .	186.0	5.3	20	15.8	2.7	6.6	—	1.0	5.5
228	YARN AND THREAD MILLS . . . . .	174.6	6.4	37	35.1	2.5	29.6	1.3	1.0	.7
229	MISCELLANEOUS TEXTILE GOODS . . . . .	184.0	5.0	34	21.3	4.8	3.5	(2)	11.3	1.7
24	LUMBER AND WOOD PRODUCTS . . . . .	413.3	76.2	100	163.1	72.6	.9	68.5	8.5	12.6
241	LOGGING CAMPS, LOGGING CONTRACTORS . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
242	SAWMILLS AND PLANING MILLS . . . . .	195.5	51.0	46	94.0	28.7	.5	51.9	6.5	6.5
243	MILLWORK, PLYWOOD, RELATED PROD. . . . .	114.2	15.2	30	52.2	37.0	.1	10.8	.8	3.5
244	WOODEN CONTAINERS . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
249	MISCELLANEOUS WOOD PRODUCTS . . . . .	86.3	8.6	19	14.5	6.3	.4	4.9	1.1	1.7
25	FURNITURE AND FIXTURES . . . . .	321.0	2.6	30	4.6	.6	.4	.1	1.5	2.0
251	HOUSEHOLD FURNITURE . . . . .	143.2	1.7	18	3.2	(2)	.2	.1	1.1	1.8
252	OFFICE FURNITURE . . . . .	116.8	.6	7	.8	.3	.1	—	.3	.2
253	PUBLIC BUILDING FURNITURE . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
254	PARTITIONS AND FIXTURES . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
259	MISC. FURNITURE AND FIXTURES . . . . .	29.3	.2	3	.3	.2	(2)	—	(2)	(2)
26	PAPER AND ALLIED PRODUCTS . . . . .	4618.9	2183.8	536	6453.3	5113.6	37.3	735.4	342.7	224.3
261	PULPMILLS . . . . .	226.0	270.5	30	812.2	726.1	.4	38.7	30.8	16.3
262	PAPERMILLS, EXCEPT BUILDING PAPER . . . . .	2225.4	1135.5	228	3062.2	2435.5	18.2	384.4	115.4	108.7
263	PAPERBOARD MILLS . . . . .	1382.0	720.0	174	2427.0	1833.0	12.1	303.2	185.1	93.5
264	MISC. CONVERTED PAPER PRODUCTS . . . . .	429.5	17.3	44	46.9	36.2	2.6	.8	6.6	.7
265	PAPERBOARD CONTAINERS AND BOXES . . . . .	207.5	3.9	21	12.5	2.6	3.9	1.1	3.1	1.9
266	BUILDING PAPER AND BOARD MILLS . . . . .	148.5	36.5	39	92.6	80.1	.1	7.3	1.7	3.3
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	13929.5	3394.7	842	8334.3	908.9	300.1	904.7	5998.4	222.1
281	INDUSTRIAL CHEMICALS . . . . .	5711.4	2564.9	451	5853.1	522.9	82.5	673.7	4447.0	127.1
282	PLASTICS MATERIALS AND SYNTHETICS . . . . .	3056.9	539.7	160	1530.2	173.1	169.1	174.3	959.8	53.8
283	DRUGS . . . . .	2583.2	58.7	56	142.5	19.5	39.0	8.1	71.1	4.8
284	SOAP, CLEANERS, AND TOILET GOODS . . . . .	1496.1	27.6	40	40.4	3.8	1.8	4.1	24.4	6.4
285	PAINTS AND ALLIED PRODUCTS . . . . .	153.6	5.1	18	8.1	2.5	2.5	.2	1.4	1.4
286	GUM AND WOOD CHEMICALS . . . . .	69.5	17.9	10	104.9	2.3	.4	21.7	67.9	12.6
287	AGRICULTURAL CHEMICALS . . . . .	452.3	123.0	46	517.5	151.9	1.4	14.1	341.3	8.8
289	MISCELLANEOUS CHEMICAL PRODUCTS . . . . .	406.6	57.7	61	137.6	32.8	3.4	8.5	85.5	7.3
29	PETROLEUM AND COAL PRODUCTS . . . . .	4447.3	1312.1	222	7167.2	339.1	25.6	270.4	6282.8	249.3
291	PETROLEUM REFINING . . . . .	4370.9	1306.1	195	7158.4	334.7	25.4	268.5	6281.7	248.1
295	PAVING AND ROOFING MATERIALS . . . . .	63.6	5.8	22	8.5	4.3	.2	1.9	1.0	1.1
299	MISC. PETROLEUM AND COAL PRODUCTS . . . . .	12.8	.3	5	.4	.1	(2)	.1	.1	.1
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	2954.1	108.6	203	242.2	34.1	14.6	29.7	137.5	26.2
301	TIRES AND INNER TUBES . . . . .	1562.6	55.9	49	137.6	18.1	7.5	24.0	72.9	15.2
302	RUBBER FOOTWEAR . . . . .	88.7	1.2	5	2.0	.8	(2)	.7	.9	.2
303	RECLAIMED RUBBER . . . . .	5.4	.4	3	1.4	.1	—	.7	.7	(2)
306	FABRICATED RUBBER PRODUCTS, NEC. . . . .	828.9	33.7	73	68.9	9.9	4.1	4.6	43.1	7.1
307	MISCELLANEOUS PLASTICS PRODUCTS . . . . .	468.3	17.5	73	32.3	5.3	3.0	.4	19.9	3.7
31	LEATHER AND LEATHER PRODUCTS . . . . .	154.2	8.9	31	12.6	7.0	.1	2.4	.5	2.6
311	LEATHER TANNING AND FINISHING . . . . .	93.5	8.4	27	12.1	6.8	.1	2.4	.2	2.6
312	INDUSTRIAL LEATHER BELTING . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
314	FOOTWEAR, EXCEPT RUBBER . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
316	LUGGAGE . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	3049.3	184.4	374	346.1	94.3	11.2	88.9	117.1	34.7
321	FLAT GLASS . . . . .	365.0	37.1	19	71.0	6.5	.3	16.7	38.7	8.8
322	GLASS, GLASSWARE, PRESSED OR BLOWN . . . . .	984.1	13.1	80	59.1	20.4	8.3	1.4	27.5	1.5
323	PRODUCTS OF PURCHASED GLASS . . . . .	189.3	3.9	11	6.5	2.6	.9	1.6	.7	.8
324	CEMENT, HYDRAULIC . . . . .	487.2	84.3	96	123.1	15.7	.1	67.5	27.5	12.3
325	STRUCTURAL CLAY PRODUCTS . . . . .	31.2	.6	5	1.0	.2	.3	—	.4	.2
326	POTTERY AND RELATED PRODUCTS . . . . .	123.9	1.2	15	5.7	.2	(2)	1.6	2.7	1.3
327	CONCRETE, GYPSUM, PLASTER PRODUCTS . . . . .	110.7	6.2	48	10.5	6.4	.1	—	1.8	2.2
328	CUT STONE AND STONE PRODUCTS . . . . .	15.4	1.4	8	2.1	1.6	.1	.2	.1	.2
329	MISC. NONMETALLIC MINERAL PRODUCTS . . . . .	742.5	36.6	92	66.9	40.8	1.0	—	17.8	7.4
33	PRIMARY METAL INDUSTRIES . . . . .	13196.5	4486.4	599	7261.5	2138.3	41.0	1712.1	3159.2	210.8
331	BLAST FURNACE, BASIC STEEL PROD. . . . .	8558.7	3953.8	240	6066.5	1811.6	26.3	1273.9	2791.6	163.1
332	IRON AND STEEL FOUNDRIES . . . . .	976.7	34.0	85	67.6	19.2	1.0	2.7	36.1	8.5
333	PRIMARY NONFERROUS METALS . . . . .	1023.7	412.9	65	887.6	231.2	5.0	414.6	211.4	25.3
334	SECONDARY NONFERROUS METALS . . . . .	47.0	.7	11	2.4	1.9	—	.9	.4	.1
335	NONFERROUS ROLLING AND DRAWING . . . . .	1951.6	73.4	129	192.2	64.4	6.8	20.8	97.9	9.3
336	NONFERROUS FOUNDRIES . . . . .	278.4	3.9	28	19.8	2.4	1.2	(2)	14.1	2.1
339	MISC. PRIMARY METAL PRODUCTS . . . . .	360.5	7.8	41	18.4	7.6	.7	—	7.7	2.4

See footnotes at end of table.



TABLE 5. Water Intake, Gross Water Used, and Water Discharged by Discharge Point for Establishments Recirculating Water: 1968—Con.

## A. INDUSTRY GROUPS—Continued

(All water data in billions of gallons)

Code	Industry group	Water discharged by point of discharge						Treated before discharge (included in total)
		Total	Public utility sewer	Surface water body	Tidewater body	Ground	Transferred to other users	
	ALL INDUSTRIES, TOTAL . . . . .	12 063.4	768.5	8 162.6	2 824.9	143.5	163.9	3 960.0
20	FOOD AND KINDRED PRODUCTS . . . . .	588.3	176.4	228.2	90.3	26.6	66.9	154.5
201	MEAT PRODUCTS . . . . .	71.5	48.3	19.5	.9	2.0	.9	32.9
202	DAIRY PRODUCTS . . . . .	25.6	15.9	8.2	1.0	.5	.1	.9
203	CANNED, CURED, AND FROZEN FOODS . . . . .	92.5	32.4	41.3	6.4	10.9	1.5	42.2
204	GRAIN MILL PRODUCTS . . . . .	65.3	18.3	43.0	3.8	.2	—	5.5
205	BAKERY PRODUCTS . . . . .	1.3	.9	.3	—	(Z)	—	.2
206	SUGAR . . . . .	198.8	2.4	65.0	60.1	8.2	63.1	60.2
207	CONFECTIONERY AND RELATED PRODUCTS . . . . .	9.2	2.6	4.8	1.5	.3	—	.9
208	BEVERAGES . . . . .	77.0	39.8	30.8	3.1	2.7	.6	2.7
209	MISC. FOODS AND KINDRED PRODUCTS . . . . .	47.0	15.7	15.4	13.4	1.8	.7	9.1
21	TOBACCO MANUFACTURES . . . . .	4.7	2.1	2.5	—	(Z)	.1	.4
211	CIGARETTES . . . . .	2.3	2.0	.2	—	(Z)	.1	(Z)
212	CIGARS . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)
213	CHEWING AND SMOKING TOBACCO . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)
214	TOBACCO STEMMING AND REDRYING . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)
22	TEXTILE MILL PRODUCTS . . . . .	91.2	26.8	60.9	1.4	1.0	1.1	39.9
221	WEAVING MILLS, COTTON . . . . .	24.3	3.8	19.0	.3	.1	1.0	8.0
222	WEAVING MILLS, SYNTHETICS . . . . .	8.2	3.5	4.3	.3	.1	(Z)	4.9
223	WEAVING AND FINISHING MILLS, WOOL . . . . .	8.2	2.1	6.0	—	(Z)	—	2.9
224	NARROW FABRIC MILLS . . . . .	.3	.2	.1	—	—	—	—
225	KNITTING MILLS . . . . .	4.9	3.3	1.5	—	.1	.1	1.4
226	TEXTILE FINISHING, EXCEPT WOOL . . . . .	30.7	7.9	22.3	.4	.1	(Z)	16.6
227	FLOOR COVERING MILLS . . . . .	4.5	2.1	1.6	.3	.5	(Z)	1.8
228	YARN AND THREAD MILLS . . . . .	6.1	2.1	3.7	—	.2	—	3.6
229	MISCELLANEOUS TEXTILE GOODS . . . . .	3.9	1.7	2.2	—	—	—	.8
24	LUMBER AND WOOD PRODUCTS . . . . .	61.2	1.7	46.4	10.1	1.1	1.9	15.8
241	LOGGING CAMPS, LOGGING CONTRACTORS . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)
242	SAWMILLS AND PLANING MILLS . . . . .	41.9	1.0	33.6	5.1	.7	1.6	9.5
243	MILLWORK, PLYWOOD, RELATED PROD. . . . .	13.0	.2	7.6	4.9	.2	.1	3.8
244	WOODEN CONTAINERS . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)
249	MISCELLANEOUS WOOD PRODUCTS . . . . .	5.9	.4	5.2	.1	(Z)	.2	2.5
25	FURNITURE AND FIXTURES . . . . .	2.0	1.4	.6	—	(Z)	—	.2
251	HOUSEHOLD FURNITURE . . . . .	1.1	.8	.3	—	(Z)	—	.1
252	OFFICE FURNITURE . . . . .	.5	.3	.3	—	(Z)	—	(Z)
253	PUBLIC BUILDING FURNITURE . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)
254	PARTITIONS AND FIXTURES . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)
259	MISC. FURNITURE AND FIXTURES . . . . .	.2	.2	—	—	(Z)	—	.1
26	PAPER AND ALLIED PRODUCTS . . . . .	2 011.5	65.4	1 449.2	476.0	15.0	5.9	909.9
261	PULPMILLS . . . . .	265.2	.3	123.8	138.5	.7	1.9	83.3
262	PAPERMILLS, EXCEPT BUILDING PAPER . . . . .	1 016.8	35.6	836.9	136.5	5.2	2.6	463.4
263	PAPERBOARD MILLS . . . . .	685.0	20.6	455.1	199.5	9.1	.7	347.6
264	MISC. CONVERTED PAPER PRODUCTS . . . . .	15.6	4.3	10.7	—	(Z)	.6	7.9
265	PAPERBOARD CONTAINERS AND BOXES . . . . .	2.9	1.0	1.8	(Z)	(Z)	—	1.5
266	BUILDING PAPER AND BOARD MILLS . . . . .	26.0	3.6	20.8	1.4	(Z)	.2	6.2
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	3 123.3	135.8	1 732.6	1 167.6	30.1	56.1	571.2
281	INDUSTRIAL CHEMICALS . . . . .	2 378.6	99.8	1 224.7	979.1	20.2	54.6	390.5
282	PLASTICS MATERIALS AND SYNTHETICS . . . . .	489.5	13.2	379.5	93.5	2.9	.4	137.4
283	DRUGS . . . . .	56.7	8.8	12.9	32.2	2.5	.3	5.6
284	SOAP, CLEANERS, AND TOILET GOODS . . . . .	26.6	5.0	7.6	13.6	.1	.1	.4
285	PAINTS AND ALLIED PRODUCTS . . . . .	4.8	3.4	1.3	.1	(Z)	(Z)	.2
286	GUM AND WOOD CHEMICALS . . . . .	17.0	.1	5.9	10.3	.2	.6	3.0
287	AGRICULTURAL CHEMICALS . . . . .	105.8	.8	66.3	37.2	1.5	(Z)	24.0
289	MISCELLANEOUS CHEMICAL PRODUCTS . . . . .	44.4	4.7	35.4	1.6	2.7	(Z)	10.0
29	PETROLEUM AND COAL PRODUCTS . . . . .	1 095.1	6.4	598.0	465.6	13.2	11.9	899.0
291	PETROLEUM REFINING . . . . .	1 090.1	5.2	594.3	465.6	13.1	11.9	898.7
295	PAVING AND ROOFING MATERIALS . . . . .	4.8	1.1	3.6	(Z)	.1	—	.3
299	MISC. PETROLEUM AND COAL PRODUCTS . . . . .	.2	.1	.1	—	(Z)	(Z)	(Z)
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	102.4	14.6	75.9	10.9	.9	.2	6.5
301	TIRES AND INNER TUBES . . . . .	53.7	5.0	48.1	.1	.5	(Z)	3.9
302	RUBBER FOOTWEAR . . . . .	1.1	.2	.9	—	(Z)	—	(Z)
303	RECLAIMED RUBBER . . . . .	.4	.1	.1	—	(Z)	.2	—
306	FABRICATED RUBBER PRODUCTS, NEC. . . . .	30.9	6.3	15.2	9.3	.1	(Z)	.9
307	MISCELLANEOUS PLASTICS PRODUCTS . . . . .	16.3	3.0	11.5	1.5	.3	(Z)	1.6
31	LEATHER AND LEATHER PRODUCTS . . . . .	8.6	6.8	1.7	.1	.1	(Z)	6.0
311	LEATHER TANNING AND FINISHING . . . . .	8.2	6.3	1.7	.1	.1	(Z)	6.0
312	INDUSTRIAL LEATHER BELTING . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)
314	FOOTWEAR, EXCEPT RUBBER . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)
316	LUGGAGE . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	159.2	14.5	115.7	22.4	6.2	.4	31.1
321	FLAT GLASS . . . . .	35.8	2.4	33.3	—	(Z)	(Z)	4.7
322	GLASS, GLASSWARE, PRESSED OR BLOWN . . . . .	11.7	3.6	6.3	1.0	.8	(Z)	3.8
323	PRODUCTS OF PURCHASED GLASS . . . . .	3.8	.5	3.3	—	—	(Z)	.6
324	CEMENT, HYDRAULIC . . . . .	70.6	.9	58.8	6.9	4.0	.1	1.4
325	STRUCTURAL CLAY PRODUCTS . . . . .	.5	.2	.3	(Z)	(Z)	(Z)	(Z)
326	POTTERY AND RELATED PRODUCTS . . . . .	.9	.3	.4	.1	.1	(Z)	.2
327	CONCRETE, GYPSUM, PLASTER PRODUCTS . . . . .	3.9	.3	2.4	.4	.8	(Z)	.5
328	CUT STONE AND STONE PRODUCTS . . . . .	1.3	—	1.3	—	—	—	.2
329	MISC. NONMETALLIC MINERAL PRODUCTS . . . . .	30.8	6.3	9.6	14.1	.6	.2	19.8
33	PRIMARY METAL INDUSTRIES . . . . .	4 188.4	114.1	3 572.1	451.0	36.1	15.1	1 234.3
331	BLAST FURNACE, BASIC STEEL PROD. . . . .	3 700.7	71.3	3 290.3	309.5	24.0	5.5	1 194.7
332	IRON AND STEEL FOUNDRIES . . . . .	24.6	11.1	13.0	.2	.3	(Z)	7.9
333	PRIMARY NONFERROUS METALS . . . . .	383.5	4.9	222.2	139.6	10.5	6.4	22.2
334	SECONDARY NONFERROUS METALS . . . . .	.6	.4	(Z)	.2	(Z)	(Z)	.1
335	NONFERROUS ROLLING AND DRAWING . . . . .	68.4	18.2	44.4	1.5	1.1	3.2	8.4
336	NONFERROUS FOUNDRIES . . . . .	3.8	2.8	.9	—	.2	(Z)	.6
339	MISC. PRIMARY METAL PRODUCTS . . . . .	6.8	5.4	1.3	—	.1	—	.4

See footnotes at end of table.

**TABLE 5. Water Intake, Gross Water Used, and Water Discharged by Discharge Point for Establishments Recirculating Water: 1968—Con.**

**A. INDUSTRY GROUPS—Continued**

(All water data in billions of gallons)

Code	Industry group	Value added by manufacture (million dollars)	Total water intake	Establishments recirculating water (number)	Gross water used, including recirculation or reuse, by purpose of recirculation					
					Total	Process	Air conditioning	Steam electric power generation	Other cooling and condensing	Boiler feed, sanitary service, and other uses
34	FABRICATED METAL PRODUCTS . . . . .	4 069.4	42.0	292	143.2	29.4	12.8	3.3	85.4	12.3
341	METAL CANS . . . . .	232.8	1.2	16	1.5	.2	.3	(2)	.7	.4
342	CUTLERY, HANDTOOLS, AND HARDWARE . . . . .	990.0	14.1	45	27.5	12.7	3.7	2.1	5.8	3.3
343	PLUMBING AND HEATING EXC. ELECTRIC . . . . .	152.1	3.1	20	5.5	1.6	.1	1.0	1.9	.8
344	FABRICATED STRUCTURAL METAL PRODUCTS . . . . .	440.3	4.8	35	9.0	2.1	1.1	.1	2.5	3.2
345	SCREW MACHINE PRODUCTS, BOLTS, ETC. . . . .	300.0	3.1	25	5.1	3.5	.3	(2)	.9	.4
346	METAL STAMPINGS . . . . .	1 363.3	7.5	57	75.4	4.1	5.5	-	62.8	3.0
347	METAL SERVICES, NEC. . . . .	31.0	2.6	34	3.8	2.7	.1	-	.8	.2
348	MISC. FABRICATED WIRE PRODUCTS . . . . .	33.5	.5	8	.9	.2	(2)	-	.6	(2)
349	MISC. FABRICATED METAL PRODUCTS . . . . .	526.4	5.2	52	14.4	2.3	1.6	(2)	9.4	1.0
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	8 524.8	150.6	305	300.1	44.8	50.1	69.9	103.4	31.8
351	ENGINES AND TURBINES . . . . .	1 146.8	75.5	28	99.6	3.5	7.1	44.7	34.8	9.6
352	FARM MACHINERY . . . . .	880.7	18.7	24	30.3	6.0	2.4	13.5	5.1	3.3
353	CONSTRUCTION AND RELATED MACHINERY . . . . .	1 641.5	16.7	48	62.0	13.6	9.1	6.1	28.3	5.1
354	METALWORKING MACHINERY . . . . .	812.3	5.6	41	12.8	3.0	3.0	.2	4.5	2.1
355	SPECIAL INDUSTRY MACHINERY . . . . .	291.4	4.6	18	8.4	.7	1.2	5.0	.7	.8
356	GENERAL INDUSTRIAL MACHINERY . . . . .	1 203.4	8.0	64	33.5	11.8	5.7	.5	11.4	4.0
357	OFFICE AND COMPUTING MACHINES . . . . .	1 393.2	12.1	25	30.4	.4	15.6	-	10.2	4.1
358	SERVICE INDUSTRY MACHINES . . . . .	880.9	5.7	37	14.0	3.2	4.6	-	4.4	1.7
359	MISC. MACHINERY, EXCEPT ELECTRICAL . . . . .	274.4	3.7	20	9.0	2.5	1.4	(2)	3.9	1.2
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	11 540.3	96.7	388	339.8	43.7	161.5	40.4	67.1	27.1
361	ELECTRIC TEST, DISTRIBUTING EQUIP. . . . .	1 136.8	9.9	41	25.9	2.2	8.1	6.4	6.5	2.7
362	ELECTRICAL INDUSTRIAL APPARATUS . . . . .	1 152.2	11.8	56	29.6	3.9	6.7	4.0	12.8	2.2
363	HOUSEHOLD APPLIANCES . . . . .	1 545.3	20.9	48	32.8	13.1	6.5	(2)	10.1	3.1
364	ELECT. LIGHTING, AND WIRING EQUIP. . . . .	598.5	5.8	40	11.7	3.2	1.1	.4	6.1	.9
365	RADIO AND TV RECEIVING EQUIPMENT . . . . .	546.6	2.8	17	8.9	1.2	3.0	(2)	2.9	1.8
366	COMMUNICATION EQUIPMENT . . . . .	3 910.6	21.4	68	127.6	6.5	72.4	29.6	9.9	9.2
367	ELECTRONIC COMPONENTS, ACCESSORIES . . . . .	1 930.7	18.0	75	84.9	10.3	58.6	-	10.2	5.8
369	MISC. ELECTRICAL EQUIP., SUPPLIES . . . . .	719.7	6.2	43	18.4	3.4	5.1	-	8.5	1.3
37	TRANSPORTATION EQUIPMENT . . . . .	19 603.8	292.9	288	890.7	168.4	118.4	11.3	267.1	325.7
371	MOTOR VEHICLES AND EQUIPMENT . . . . .	9 677.5	135.3	167	603.0	144.3	25.9	.4	208.2	224.2
372	AIRCRAFT AND PARTS . . . . .	8 746.4	135.4	89	255.6	21.3	88.8	4.9	48.9	91.7
373	SHIP AND BOAT BUILDING, REPAIRING . . . . .	660.8	16.1	13	18.6	1.0	3.1	.4	7.6	6.5
374	RAILROAD EQUIPMENT . . . . .	437.0	4.8	12	11.7	1.4	.6	5.6	1.2	2.9
375	MOTORCYCLES, BICYCLES, AND PARTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
379	MISC. TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	2 905.8	32.2	76	112.5	14.0	25.0	11.0	56.9	5.7
381	ENGINEERING, SCIENTIFIC INSTRUMENTS . . . . .	208.6	.5	6	2.9	(2)	2.4	-	.5	.1
382	MECHAN. MEASURING, CONTROL DEVICES . . . . .	522.2	2.5	22	5.3	2.9	1.3	-	.4	.7
383	OPTICAL INSTRUMENTS AND LENSES . . . . .	114.0	.4	5	3.7	.1	2.2	-	1.2	.2
384	MEDICAL INSTRUMENTS AND SUPPLIES . . . . .	211.6	1.9	10	3.5	.3	1.2	-	1.0	1.0
385	OPHTHALMIC GOODS . . . . .	117.9	8.6	5	10.4	.5	.6	7.9	.9	.5
386	PHOTOGRAPHIC EQUIP. AND SUPPLIES . . . . .	1 645.7	17.8	22	85.7	10.0	16.8	3.1	52.7	3.1
387	WATCHES, CLOCKS, AND WATCHCASES . . . . .	85.8	.6	6	1.0	.2	.5	-	.2	.1
39	MISC. MANUFACTURING INDUSTRIES . . . . .	525.1	6.5	49	15.9	5.2	2.7	.8	5.5	1.6
391	JEWELRY, SILVERWARE, PLATED WARE . . . . .	112.9	1.1	6	1.6	.4	.2	.8	.1	.1
393	MUSICAL INSTRUMENTS AND PARTS . . . . .	8.0	(2)	1	(2)	-	(2)	-	-	(2)
394	TOYS AND SPORTING GOODS . . . . .	170.0	2.4	14	4.2	.6	.7	-	2.5	.4
395	PENS, PENCILS, OFFICE, ART GOODS . . . . .	40.2	.2	5	.3	(2)	.1	-	.1	.1
396	COSTUME JEWELRY AND NOTIONS . . . . .	41.9	.6	9	1.4	.2	.7	-	.4	.2
399	MISCELLANEOUS MANUFACTURES . . . . .	152.0	2.0	14	8.3	3.9	1.2	-	2.4	.8

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures of individual companies.  
(2) Less than 50 million gallons.

TABLE 5. Water Intake, Gross Water Used, and Water Discharged by Discharge Point for Establishments Recirculating Water: 1968—Con.

## A. INDUSTRY GROUPS—Continued

(All water data in billions of gallons)

Code	Industry group	Water discharged by point of discharge						Treated before discharge (included in total)
		Total	Public utility sewer	Surface water body	Tidewater body	Ground	Transferred to other users	
34	FABRICATED METAL PRODUCTS. . . . .	39.8	24.9	9.3	4.8	.8	(Z)	6.0
341	METAL CANS. . . . .	1.1	.9	(Z)	.1	.1	-	.1
342	CUTLERY, HANDTOOLS, AND HARDWARE. . .	13.4	6.5	2.5	4.4	(Z)	-	2.2
343	PLUMBING AND HEATING EXC. ELECTRIC. .	2.7	2.1	.5	-	.2	-	.3
344	FABRICATED STRUCTURAL METAL PROD. . .	4.6	2.2	2.2	.1	.1	(Z)	.5
345	SCREW MACHINE PRODUCTS, BOLTS, ETC. .	2.9	2.3	.5	(Z)	(Z)	(Z)	.4
346	METAL STAMPINGS. . . . .	7.0	5.9	.9	-	.2	-	.8
347	METAL SERVICES, NEC. . . . .	2.5	2.2	.3	-	(Z)	(Z)	.8
348	MISC. FABRICATED WIRE PRODUCTS. . . .	.4	.1	.3	-	(Z)	-	.1
349	MISC. FABRICATED METAL PRODUCTS. . .	5.0	2.6	2.1	.1	.2	-	.8
35	MACHINERY, EXCEPT ELECTRICAL. . . .	143.2	29.5	84.9	27.8	.8	.2	23.1
351	ENGINES AND TURBINES. . . . .	74.7	6.3	40.7	27.6	.1	-	2.5
352	FARM MACHINERY. . . . .	17.3	2.2	15.0	-	(Z)	.1	12.9
353	CONSTRUCTION AND RELATED MACHINERY. .	16.4	4.0	12.3	-	.1	(Z)	4.9
354	METALWORKING MACHINERY. . . . .	4.9	3.4	1.2	.2	.1	-	.1
355	SPECIAL INDUSTRY MACHINERY. . . . .	1.9	1.1	.7	-	.1	-	.7
356	GENERAL INDUSTRIAL MACHINERY. . . . .	7.6	4.6	2.9	(Z)	(Z)	(Z)	.7
357	OFFICE AND COMPUTING MACHINES. . . . .	11.8	2.1	9.3	-	.3	(Z)	.6
358	SERVICE INDUSTRY MACHINES. . . . .	5.5	4.2	1.2	-	(Z)	(Z)	.4
359	MISC. MACHINERY, EXCEPT ELECTRICAL. .	3.1	1.6	1.5	-	-	-	.4
36	ELECTRICAL EQUIP. AND SUPPLIES. . . .	89.8	55.0	31.1	.9	2.8	(Z)	22.9
361	ELECTRIC TEST, DISTRIBUTING EQUIP. . .	9.1	4.0	5.0	(Z)	(Z)	-	1.6
362	ELECTRICAL INDUSTRIAL APPARATUS. . . .	11.1	7.9	2.8	.2	.2	-	.7
363	HOUSEHOLD APPLIANCES. . . . .	19.8	11.3	8.1	.4	.1	(Z)	9.1
364	ELECT. LIGHTING, AND WIRING EQUIP. . .	4.9	3.9	.8	-	.1	(Z)	.7
365	RADIO AND TV RECEIVING EQUIPMENT. . .	2.5	1.9	.5	-	.1	-	.6
366	COMMUNICATION EQUIPMENT. . . . .	19.9	10.1	7.8	.1	1.8	(Z)	3.0
367	ELECTRONIC COMPONENTS, ACCESSORIES. .	16.8	10.9	5.5	.1	.4	-	6.5
369	MISC. ELECTRICAL EQUIP., SUPPLIES. . .	5.7	5.0	.6	(Z)	.1	-	.8
37	TRANSPORTATION EQUIPMENT. . . . .	273.8	67.9	103.3	93.1	6.8	2.7	21.4
371	MOTOR VEHICLES AND EQUIPMENT. . . . .	124.1	46.8	76.4	.4	.3	.2	14.0
372	AIRCRAFT AND PARTS. . . . .	127.8	16.7	22.4	82.3	5.9	.5	5.7
373	SHIP AND BOAT BUILDING, REPAIRING. . .	16.0	2.2	1.1	10.4	.3	2.0	(Z)
374	RAILROAD EQUIPMENT. . . . .	4.5	1.2	3.1	-	.3	-	.9
375	MOTORCYCLES, BICYCLES, AND PARTS. . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
379	MISC. TRANSPORTATION EQUIPMENT. . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
38	INSTRUMENTS AND RELATED PRODUCTS. . .	30.6	9.5	20.0	.3	.2	.5	12.5
381	ENGINEERING, SCIENTIFIC INSTRUMENTS. .	.5	.3	.1	-	.1	-	(Z)
382	MECHAN. MEASURING, CONTROL DEVICES. .	2.4	1.8	.5	-	(Z)	-	.4
383	OPTICAL INSTRUMENTS AND LENSES. . . .	.3	.3	.1	-	(Z)	-	.1
384	MEDICAL INSTRUMENTS AND SUPPLIES. . .	1.8	1.5	(Z)	.3	(Z)	-	.2
385	OPHTHALMIC GOODS. . . . .	8.6	.4	8.2	-	-	-	.5
386	PHOTOGRAPHIC EQUIP. AND SUPPLIES. . .	16.5	4.8	11.1	-	.1	.5	11.1
387	WATCHES, CLOCKS, AND WATCHCASES. . .	.6	.5	.1	-	-	-	.2
39	MISC. MANUFACTURING INDUSTRIES. . . .	6.0	2.9	2.2	.6	.2	(Z)	.4
391	JEWELRY, SILVERWARE, PLATED WARE. . .	1.1	.4	.7	-	-	-	.1
393	MUSICAL INSTRUMENTS AND PARTS. . . . .	(Z)	(Z)	-	-	-	-	-
394	TOYS AND SPORTING GOODS. . . . .	2.4	.8	.1	.6	.1	-	.1
395	PENS, PENCILS, OFFICE, ART GOODS. . . .	.2	.1	.1	-	(Z)	-	(Z)
396	COSTUME JEWELRY AND NOTIONS. . . . .	.5	.2	.2	-	(Z)	(Z)	.1
399	MISCELLANEOUS MANUFACTURES. . . . .	1.8	1.3	.4	-	.1	-	(Z)



TABLE 5. Water Intake, Gross Water Used, and Water Discharged by Discharge Point for Establishments Recirculating Water: 1968

B. WATER USE REGIONS AND MAJOR INDUSTRY GROUPS

(All water data in billions of gallons)

Code	Water use region and major industry group	Value added by manufacture (million dollars)	Total water intake	Establishments recirculating water (number)	Gross water used, including recirculation or reuse, by purpose of recirculation					
					Total	Process	Air conditioning	Steam electric power generation	Other cooling and condensing	Boiler feed, sanitary service, and other uses
	UNITED STATES, TOTAL . . . . .	106155.0	13 170.9	6 135	33 405.1	9 459.9	1 068.8	4 049.6	17 293.0	1 533.8
	NEW ENGLAND . . . . .	5 900.6	500.1	395	880.7	433.4	35.9	155.0	128.3	128.2
20	FOOD AND KINDRED PRODUCTS . . . . .	161.4	16.6	27	22.1	3.0	1.4	1.8	15.5	1.4
22	TEXTILE MILL PRODUCTS . . . . .	144.2	13.1	35	15.5	6.6	2.0	2.0	.6	4.4
24	LUMBER AND WOOD PRODUCTS . . . . .	(0)	(0)	(0)	(0)	(2)	-	(0)	(2)	(0)
25	FURNITURE AND FIXTURES . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
26	PAPER AND ALLIED PRODUCTS . . . . .	503.6	225.3	76	490.1	378.7	2.9	72.8	8.0	27.7
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	322.4	49.5	30	69.5	8.9	.6	8.1	49.8	2.0
29	PETROLEUM AND COAL PRODUCTS . . . . .	7.3	.9	5	1.3	.7	(2)	-	.5	.1
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	317.5	17.6	31	27.5	6.0	.7	.6	19.1	1.1
31	LEATHER AND LEATHER PRODUCTS . . . . .	17.2	1.0	3	2.8	1.2	(2)	1.6	(2)	(2)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	136.6	2.6	12	4.3	1.8	.4	-	1.9	.2
33	PRIMARY METAL INDUSTRIES . . . . .	440.7	24.1	42	37.1	8.8	1.3	20.3	4.8	1.9
34	FABRICATED METAL PRODUCTS . . . . .	345.1	7.0	19	10.2	3.0	2.5	1.4	2.9	.3
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	590.3	27.3	25	40.1	1.1	2.7	28.8	5.6	1.8
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	855.1	9.3	36	18.2	4.8	3.9	3.0	5.3	1.2
37	TRANSPORTATION EQUIPMENT . . . . .	1 231.3	87.8	13	107.7	3.7	9.8	4.0	6.3	83.8
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	508.5	9.7	12	17.8	1.0	6.7	7.9	1.1	1.1
39	MISC. MANUFACTURING INDUSTRIES . . . . .	183.7	3.0	18	4.9	1.4	.4	-	2.7	.3
	DELAWARE AND HUSON . . . . .	11 801.6	1 069.1	639	2 150.5	473.6	103.3	213.0	1 251.8	108.8
20	FOOD AND KINDRED PRODUCTS . . . . .	1 295.0	61.4	117	96.9	21.4	3.4	1.3	59.8	11.0
21	TOBACCO MANUFACTURES . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
22	TEXTILE MILL PRODUCTS . . . . .	47.0	2.5	14	3.5	1.1	.4	-	1.2	.9
24	LUMBER AND WOOD PRODUCTS . . . . .	317.2	75.4	60	304.5	270.5	1.8	16.1	11.5	4.7
26	CHEMICALS AND ALLIED PRODUCTS . . . . .	2 686.0	246.1	137	427.7	45.1	31.7	35.1	302.0	13.7
28	PETROLEUM AND COAL PRODUCTS . . . . .	417.4	283.4	13	670.4	36.5	1.6	57.3	558.9	16.1
29	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	275.7	8.3	34	17.6	1.7	1.7	.2	10.9	3.1
30	LEATHER AND LEATHER PRODUCTS . . . . .	(0)	(0)	(0)	(0)	(0)	(2)	-	(2)	(0)
31	STONE, CLAY, AND GLASS PRODUCTS . . . . .	333.9	16.1	44	32.2	7.8	.4	12.5	7.9	3.6
32	PRIMARY METAL INDUSTRIES . . . . .	1 153.0	287.9	66	401.3	70.9	3.6	68.9	244.8	13.0
33	FABRICATED METAL PRODUCTS . . . . .	366.7	2.8	25	4.9	1.5	.7	(2)	2.1	.6
34	MACHINERY, EXCEPT ELECTRICAL . . . . .	741.2	53.0	23	67.6	.6	13.3	15.4	34.7	3.5
35	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	1 732.8	17.4	58	47.1	6.2	24.7	5.3	7.8	3.0
36	TRANSPORTATION EQUIPMENT . . . . .	2 011.6	10.1	24	69.1	8.4	18.7	-	7.8	34.2
37	INSTRUMENTS AND RELATED PRODUCTS . . . . .	266.0	2.4	10	3.4	.5	.9	-	1.3	.7
38	MISC. MANUFACTURING INDUSTRIES . . . . .	126.2	1.3	6	2.0	(2)	.3	.8	.5	.3
	CHESAPEAKE BAY . . . . .	4 985.3	693.3	294	1 236.7	397.0	73.6	285.2	418.5	62.3
20	FOOD AND KINDRED PRODUCTS . . . . .	424.8	16.5	74	27.4	10.0	.8	.4	12.9	3.3
21	TOBACCO MANUFACTURES . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
22	TEXTILE MILL PRODUCTS . . . . .	84.5	2.8	11	4.3	1.1	1.2	-	.4	1.6
24	LUMBER AND WOOD PRODUCTS . . . . .	(0)	(0)	(0)	(0)	(0)	-	-	-	(0)
25	FURNITURE AND FIXTURES . . . . .	41.2	.2	5	.3	.1	(2)	-	.1	.1
26	PAPER AND ALLIED PRODUCTS . . . . .	289.5	135.3	22	334.8	211.8	.5	81.6	32.1	8.9
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	708.0	177.1	31	366.1	63.2	49.4	113.4	132.6	7.4
29	PETROLEUM AND COAL PRODUCTS . . . . .	(0)	(0)	(0)	(0)	(2)	-	-	(0)	(0)
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	118.2	2.9	13	11.2	1.3	.3	-	4.4	5.2
31	LEATHER AND LEATHER PRODUCTS . . . . .	4.6	.4	4	.6	.3	-	-	-	.3
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	227.7	6.5	25	10.8	4.4	.3	-	4.8	1.4
33	PRIMARY METAL INDUSTRIES . . . . .	755.2	320.9	30	402.0	89.2	1.6	87.4	213.5	10.3
34	FABRICATED METAL PRODUCTS . . . . .	112.4	2.4	12	2.8	1.3	.2	-	1.2	.2
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	376.9	2.2	16	9.4	3.2	1.9	(2)	3.0	1.3
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	781.4	5.5	20	15.1	2.2	9.7	(2)	.8	2.4
37	TRANSPORTATION EQUIPMENT . . . . .	747.1	14.5	15	34.3	5.2	1.9	.4	7.8	19.0
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	EASTERN GREAT LAKES-ST. LAWRENCE . . . . .	13 367.3	1 315.6	592	2 493.7	674.6	59.5	326.4	1 263.0	170.1
20	FOOD AND KINDRED PRODUCTS . . . . .	578.9	18.0	95	39.9	12.9	1.9	4.7	14.8	5.6
22	TEXTILE MILL PRODUCTS . . . . .	32.7	.5	4	8.4	(2)	(2)	-	8.2	.2
24	LUMBER AND WOOD PRODUCTS . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
25	FURNITURE AND FIXTURES . . . . .	18.8	.1	3	.6	(2)	-	-	.6	(2)
26	PAPER AND ALLIED PRODUCTS . . . . .	171.8	70.6	38	161.6	140.7	.4	8.8	2.3	9.4
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	732.0	245.2	72	403.4	44.9	13.2	19.9	300.6	24.9
29	PETROLEUM AND COAL PRODUCTS . . . . .	199.8	64.3	13	248.1	1.4	(2)	-	244.9	1.8
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	722.4	36.3	25	69.7	7.9	5.0	24.3	28.3	4.2
31	LEATHER AND LEATHER PRODUCTS . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	347.2	24.3	36	41.5	7.1	1.0	15.7	9.1	8.6
33	PRIMARY METAL INDUSTRIES . . . . .	1 721.5	720.3	76	1 032.2	381.0	2.4	242.7	455.0	22.1
34	FABRICATED METAL PRODUCTS . . . . .	932.3	7.4	48	42.0	4.5	4.0	-	31.2	2.2
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	1 149.1	6.3	38	18.7	2.2	3.1	.6	7.9	5.0
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	1 056.7	7.2	44	29.6	1.9	13.1	3.0	8.8	2.8
37	TRANSPORTATION EQUIPMENT . . . . .	4 390.2	101.2	77	257.8	59.5	9.5	5.6	102.7	80.4
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	1 218.9	12.9	13	67.4	9.7	5.8	1.1	48.2	2.6
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	OHIO RIVER . . . . .	15 240.2	2 131.8	713	3 802.0	875.1	71.4	497.9	2 184.6	173.0
20	FOOD AND KINDRED PRODUCTS . . . . .	930.1	34.5	107	64.8	10.3	1.3	6.8	37.1	9.3
21	TOBACCO MANUFACTURES . . . . .	286.7	.7	4	4.4	(2)	3.5	-	.6	.3
22	TEXTILE MILL PRODUCTS . . . . .	18.0	1.2	4	1.3	.9	.1	-	.2	.1
24	LUMBER AND WOOD PRODUCTS . . . . .	(0)	(0)	(0)	(0)	(2)	(2)	-	(0)	(0)
25	FURNITURE AND FIXTURES . . . . .	18.5	.1	3	.1	.1	(2)	-	(2)	(2)
26	PAPER AND ALLIED PRODUCTS . . . . .	287.6	57.1	45	178.5	133.0	4.3	22.4	9.6	9.1
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	2 122.6	607.8	93	1 044.4	50.4	20.4	87.3	862.3	24.1
29	PETROLEUM AND COAL PRODUCTS . . . . .	170.2	30.1	22	242.9	3.1	.2	8.6	225.9	5.2
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	418.0	8.4	32	20.3	5.2	1.2	-	11.7	2.2
31	LEATHER AND LEATHER PRODUCTS . . . . .	6.3	2.6	3	2.6	2.4	(2)	(2)	.1	.1
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	550.4	17.6	53	48.9	9.3	.5	12.1	22.5	4.5
33	PRIMARY METAL INDUSTRIES . . . . .	3 866.1	1 305.6	133	2 010.0	615.8	12.3	354.3	930.3	97.3
34	FABRICATED METAL PRODUCTS . . . . .	656.5	5.7	47	27.2	2.2	1.7	(2)	20.2	3.0
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	1 405.4	11.7	42	32.9	5.0	4.1	3.5	13.2	7.2
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	2 463.4	30.0	68	60.0	16.9	11.2	2.3	24.5	5.1
37	TRANSPORTATION EQUIPMENT . . . . .	1 764.4	15.4	38	54.2	18.2	9.5	.5	21.9	4.1
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	116.5	.9	7	1.7	.4	.9	-	.2	.2
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	-	-	(0)

See footnotes at end of table.

TABLE 5. Water Intake, Gross Water Used, and Water Discharged by Discharge Point for Establishments Recirculating Water: 1968—Con.

## B. WATER USE REGIONS AND MAJOR INDUSTRY GROUPS—Continued

(All water data in billions of gallons)

Code	Water use region and major industry group	Water discharged by point of discharge						Treated before discharge (included in total)
		Total	Public utility sewer	Surface water body	Tidewater body	Ground	Transferred to other users	
	UNITED STATES, TOTAL . . . . .	12 063.4	768.5	8 162.6	2 824.9	143.5	163.9	3 960.0
	NEW ENGLAND, . . . . .	475.5	34.7	268.8	167.8	3.2	1.1	51.4
20	FOOD AND KINDRED PRODUCTS . . . . .	16.2	2.2	4.1	9.8	.1	(Z)	1.5
22	TEXTILE MILL PRODUCTS . . . . .	11.5	1.1	9.8	.6	(Z)	—	5.2
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(Z)	—	—
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	212.4	5.6	199.4	5.1	1.4	.9	36.1
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	46.9	2.8	10.5	33.1	.5	(Z)	1.8
29	PETROLEUM AND COAL PRODUCTS . . . . .	.8	(Z)	(Z)	.7	(Z)	(Z)	.7
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	16.1	1.7	5.7	8.6	.1	—	.2
31	LEATHER AND LEATHER PRODUCTS . . . . .	.9	.8	.1	—	(Z)	(Z)	.6
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	2.2	.6	1.4	(Z)	.2	—	.5
33	PRIMARY METAL INDUSTRIES . . . . .	23.8	2.5	20.0	1.3	(Z)	—	1.3
34	FABRICATED METAL PRODUCTS . . . . .	7.0	1.9	.6	4.5	(Z)	—	.2
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	24.4	1.5	1.6	21.2	.1	(Z)	.4
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	8.9	3.6	4.7	.3	.2	—	1.0
37	TRANSPORTATION EQUIPMENT . . . . .	87.3	3.4	1.3	82.2	.3	.1	.7
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	9.5	1.1	8.4	—	(Z)	—	.6
39	MISC. MANUFACTURING INDUSTRIES . . . . .	2.8	1.6	.8	.3	.1	(Z)	.1
	DELAWARE AND HUDSON, . . . . .	1 007.6	67.1	422.7	496.9	15.2	5.8	434.9
20	FOOD AND KINDRED PRODUCTS . . . . .	57.0	14.9	12.1	26.5	2.8	.7	6.8
21	TOBACCO MANUFACTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
22	TEXTILE MILL PRODUCTS . . . . .	1.6	1.0	.6	—	—	—	.3
24	LUMBER AND WOOD PRODUCTS . . . . .	63.8	8.4	46.4	9.0	(Z)	(Z)	25.6
26	PAPER AND ALLIED PRODUCTS . . . . .	231.6	19.9	34.9	173.7	1.2	1.9	51.7
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	268.2	.1	2.6	262.3	(Z)	3.1	257.2
29	PETROLEUM AND COAL PRODUCTS . . . . .	7.2	1.9	2.9	2.2	.2	(Z)	.5
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	—	—	(D)
31	LEATHER AND LEATHER PRODUCTS . . . . .	13.9	.8	11.9	.8	.5	—	2.0
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	278.3	5.3	255.2	13.4	4.5	(Z)	85.0
33	PRIMARY METAL INDUSTRIES . . . . .	2.5	1.7	.4	—	.3	—	.6
34	FABRICATED METAL PRODUCTS . . . . .	52.8	2.1	44.0	6.5	.1	(Z)	1.3
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	16.6	5.8	8.4	.4	2.0	—	2.3
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	9.4	3.0	1.6	1.3	3.5	(Z)	1.0
37	TRANSPORTATION EQUIPMENT . . . . .	2.3	1.1	.8	.3	.2	—	.1
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	1.3	.2	.7	.4	(Z)	—	.1
39	MISC. MANUFACTURING INDUSTRIES . . . . .	638.7	20.1	205.4	379.8	1.6	31.8	209.8
20	FOOD AND KINDRED PRODUCTS . . . . .	15.1	3.1	3.2	8.1	.6	.1	2.3
21	TOBACCO MANUFACTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
22	TEXTILE MILL PRODUCTS . . . . .	2.5	.5	1.7	—	(Z)	.3	1.7
24	LUMBER AND WOOD PRODUCTS . . . . .	(Z)	(D)	(D)	(D)	—	—	—
25	FURNITURE AND FIXTURES . . . . .	.2	.1	(Z)	—	(Z)	—	(Z)
26	PAPER AND ALLIED PRODUCTS . . . . .	101.1	3.4	89.6	7.9	.2	—	49.3
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	166.3	1.4	80.4	54.9	.3	29.4	51.3
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	—	—	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	2.7	.3	2.4	—	—	—	.1
31	LEATHER AND LEATHER PRODUCTS . . . . .	.4	.1	.2	.1	(Z)	—	.4
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	4.5	.4	3.7	.3	.1	—	1.3
33	PRIMARY METAL INDUSTRIES . . . . .	316.9	1.7	15.9	299.3	(Z)	—	98.4
34	FABRICATED METAL PRODUCTS . . . . .	2.4	1.2	1.1	.1	(Z)	—	.9
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	1.9	.7	1.0	—	.2	—	.1
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	5.1	2.5	2.5	.1	(Z)	(Z)	2.7
37	TRANSPORTATION EQUIPMENT . . . . .	14.1	1.8	1.3	9.0	(Z)	2.0	.4
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	EASTERN GREAT LAKES-ST. LAWRENCE, . . . . .	1 155.7	175.3	968.0	—	6.0	6.5	226.5
20	FOOD AND KINDRED PRODUCTS . . . . .	15.6	6.6	8.3	(Z)	.7	.1	4.8
22	TEXTILE MILL PRODUCTS . . . . .	.5	.3	.2	—	—	—	(Z)
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
25	FURNITURE AND FIXTURES . . . . .	.1	(Z)	.1	—	—	—	(Z)
26	PAPER AND ALLIED PRODUCTS . . . . .	65.4	6.1	58.6	—	.3	.4	16.7
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	224.5	71.7	150.0	(Z)	.7	2.1	23.4
29	PETROLEUM AND COAL PRODUCTS . . . . .	61.0	1.0	57.0	—	(Z)	3.0	22.1
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	35.1	3.2	32.0	—	(Z)	—	.2
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	23.0	3.0	19.9	—	.1	.1	2.2
33	PRIMARY METAL INDUSTRIES . . . . .	604.5	37.6	562.6	—	4.1	.2	137.9
34	FABRICATED METAL PRODUCTS . . . . .	6.9	5.3	1.6	—	(Z)	(Z)	1.2
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	5.9	4.7	1.3	—	(Z)	—	.5
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	6.8	5.5	1.2	—	.1	—	.5
37	TRANSPORTATION EQUIPMENT . . . . .	93.4	27.9	65.3	—	.1	.1	6.3
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	12.0	2.0	9.4	—	(Z)	.5	10.2
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	—	—	(D)
	OHIO RIVER . . . . .	1 982.9	112.2	1 860.3	—	8.6	1.7	484.8
20	FOOD AND KINDRED PRODUCTS . . . . .	28.9	19.5	9.2	—	.2	(Z)	6.5
21	TOBACCO MANUFACTURES . . . . .	.5	.5	—	—	—	—	—
22	TEXTILE MILL PRODUCTS . . . . .	1.0	.1	.9	—	—	—	.9
24	LUMBER AND WOOD PRODUCTS . . . . .	(Z)	(D)	(D)	(D)	(D)	—	(Z)
25	FURNITURE AND FIXTURES . . . . .	.1	.1	(Z)	—	—	—	(Z)
26	PAPER AND ALLIED PRODUCTS . . . . .	47.7	4.1	42.9	—	.6	.2	30.8
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	573.9	13.5	558.4	—	1.9	.1	109.6
29	PETROLEUM AND COAL PRODUCTS . . . . .	26.5	.4	25.0	—	1.1	(Z)	17.6
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	7.1	2.5	4.5	—	(Z)	—	.8
31	LEATHER AND LEATHER PRODUCTS . . . . .	2.6	2.5	.1	—	—	—	2.4
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	14.6	3.3	10.6	—	.7	(Z)	2.2
33	PRIMARY METAL INDUSTRIES . . . . .	1 221.4	32.1	1 184.1	—	3.7	1.4	297.5
34	FABRICATED METAL PRODUCTS . . . . .	5.3	3.3	2.0	—	(Z)	(Z)	.5
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	11.1	6.3	4.7	—	.1	—	.6
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	28.1	16.8	11.1	—	.1	(Z)	10.8
37	TRANSPORTATION EQUIPMENT . . . . .	11.1	6.2	4.7	—	.2	(Z)	3.6
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	.7	.2	.5	—	—	—	.5
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	—	—

See footnotes at end of table.



TABLE 5. Water Intake, Gross Water Used, and Water Discharged by Discharge Point for Establishments Recirculating Water: 1968—Con.

B. WATER USE REGIONS AND MAJOR INDUSTRY GROUPS—Continued

(All water data in billions of gallons)

Code	Water use region and major industry group	Value added by manufacture (million dollars)	Total water intake	Establishments recirculating water (number)	Gross water used, including recirculation or reuse, by purpose of recirculation					
					Total	Process	Air conditioning	Steam electric power generation	Other cooling and condensing	Boiler feed, sanitary service, and other uses
20	TENNESSEE . . . . .	1 974.2	340.2	137	783.1	285.9	40.2	43.2	390.2	23.5
22	FOOD AND KINDRED PRODUCTS . . . . .	113.8	2.1	23	5.7	.5	.8	.3	3.0	1.2
24	TEXTILE MILL PRODUCTS . . . . .	123.4	4.3	20	7.9	1.5	3.0	—	.6	2.8
25	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	PAPER AND ALLIED PRODUCTS . . . . .	172.8	69.6	9	243.8	198.9	1.8	26.6	13.7	2.7
30	CHEMICALS AND ALLIED PRODUCTS . . . . .	840.5	236.7	30	434.5	51.7	30.4	16.2	321.7	14.6
31	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	STONE, CLAY, AND GLASS PRODUCTS . . . . .	24.4	1.1	5	1.7	.4	.1	—	1.0	.1
34	PRIMARY METAL INDUSTRIES . . . . .	273.5	16.8	15	67.5	30.7	.2	—	35.3	1.2
35	FABRICATED METAL PRODUCTS . . . . .	67.0	.9	5	2.0	.5	.1	.1	.9	.3
36	MACHINERY, EXCEPT ELECTRICAL . . . . .	39.5	.6	5	.7	.2	.1	—	.4	(Z)
37	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	178.2	1.1	10	2.9	.3	1.5	—	1.0	.1
38	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(Z)	(Z)	(Z)	—	(D)	(Z)
39	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	SOUTHEAST . . . . .	7 994.4	1 091.8	673	3 629.5	1 726.1	339.4	367.2	1 043.3	153.6
22	FOOD AND KINDRED PRODUCTS . . . . .	432.4	41.2	102	83.1	21.5	2.2	4.5	49.8	5.1
24	TOBACCO MANUFACTURES . . . . .	867.9	2.4	12	67.0	3.1	55.1	6.8	.4	1.7
25	TEXTILE MILL PRODUCTS . . . . .	1 869.8	77.5	247	218.4	43.7	125.1	8.8	19.3	21.5
26	LUMBER AND WOOD PRODUCTS . . . . .	42.1	2.4	8	5.3	1.5	(Z)	2.7	(Z)	1.0
28	FURNITURE AND FIXTURES . . . . .	71.7	1.2	7	2.1	(Z)	(Z)	(Z)	.5	1.6
29	PAPER AND ALLIED PRODUCTS . . . . .	956.6	617.9	57	1 806.6	1 349.1	13.1	219.0	148.8	76.4
30	CHEMICALS AND ALLIED PRODUCTS . . . . .	1 225.8	200.3	82	804.3	186.5	105.7	68.7	427.6	15.8
31	PETROLEUM AND COAL PRODUCTS . . . . .	77.4	26.6	4	140.6	.8	(Z)	—	138.9	1.0
32	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	181.1	8.9	7	11.4	.6	1.2	—	8.9	.7
33	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34	STONE, CLAY, AND GLASS PRODUCTS . . . . .	230.1	16.4	46	61.7	23.4	7.6	7.9	19.4	3.5
35	PRIMARY METAL INDUSTRIES . . . . .	540.6	85.4	29	341.2	78.2	1.8	48.8	206.9	5.6
36	FABRICATED METAL PRODUCTS . . . . .	114.2	2.2	11	4.7	.7	.9	—	1.7	1.4
37	MACHINERY, EXCEPT ELECTRICAL . . . . .	141.5	1.0	10	13.3	9.4	1.4	—	1.1	1.4
38	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	490.8	3.5	31	22.0	2.5	11.5	—	6.7	1.3
39	TRANSPORTATION EQUIPMENT . . . . .	680.2	4.3	9	43.9	4.8	11.0	—	13.2	14.9
39	INSTRUMENTS AND RELATED PRODUCTS . . . . .	43.5	.4	6	1.3	.1	1.0	—	.1	(Z)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(Z)	(Z)
20	WESTERN GREAT LAKES . . . . .	12 469.4	1 757.8	624	2 766.9	828.7	62.9	517.9	1 276.3	81.1
22	FOOD AND KINDRED PRODUCTS . . . . .	1 184.3	56.9	112	90.2	26.7	5.6	8.7	40.8	8.4
24	TOBACCO MANUFACTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
25	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(Z)	(D)	(D)	(D)
26	LUMBER AND WOOD PRODUCTS . . . . .	21.6	2.8	3	3.2	.8	(Z)	2.1	(Z)	.3
28	FURNITURE AND FIXTURES . . . . .	135.8	.7	6	1.0	.4	.2	—	.3	.2
29	PAPER AND ALLIED PRODUCTS . . . . .	439.3	163.7	66	307.7	224.7	.8	62.3	6.9	13.0
30	CHEMICALS AND ALLIED PRODUCTS . . . . .	1 232.2	150.4	57	302.3	105.7	20.0	8.1	155.5	13.0
31	PETROLEUM AND COAL PRODUCTS . . . . .	292.2	147.1	15	350.6	7.0	.1	2.8	335.8	5.0
32	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	157.6	6.6	15	10.0	1.9	1.1	.2	5.7	1.1
33	LEATHER AND LEATHER PRODUCTS . . . . .	45.9	2.8	8	3.8	2.2	.1	.8	(Z)	.6
34	STONE, CLAY, AND GLASS PRODUCTS . . . . .	164.1	20.6	23	29.2	8.4	(Z)	13.5	5.8	1.4
35	PRIMARY METAL INDUSTRIES . . . . .	2 274.0	1 134.6	86	1 440.0	408.7	12.4	387.2	610.9	20.8
36	FABRICATED METAL PRODUCTS . . . . .	956.7	7.7	67	36.9	8.4	1.7	.9	23.6	2.4
37	MACHINERY, EXCEPT ELECTRICAL . . . . .	1 369.1	13.2	67	31.2	6.9	5.5	4.5	9.5	4.7
38	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	1 393.7	8.9	41	45.6	3.7	9.0	26.7	3.6	2.6
39	TRANSPORTATION EQUIPMENT . . . . .	2 433.7	19.2	42	91.0	21.7	5.1	—	57.8	6.3
39	INSTRUMENTS AND RELATED PRODUCTS . . . . .	250.3	1.3	8	2.4	.3	.7	—	.8	.7
39	MISC. MANUFACTURING INDUSTRIES . . . . .	26.8	.3	3	.5	(Z)	.4	—	(Z)	.1
20	UPPER MISSISSIPPI . . . . .	8 189.1	628.5	470	1 448.1	446.6	45.1	262.9	621.0	72.5
22	FOOD AND KINDRED PRODUCTS . . . . .	1 506.6	108.4	178	195.5	46.0	12.4	15.2	107.5	14.5
24	TOBACCO MANUFACTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
25	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	PAPER AND ALLIED PRODUCTS . . . . .	370.3	137.0	42	287.5	238.8	.3	28.2	9.6	10.6
29	CHEMICALS AND ALLIED PRODUCTS . . . . .	667.1	73.9	38	203.7	46.3	1.4	32.0	116.8	7.2
30	PETROLEUM AND COAL PRODUCTS . . . . .	213.9	88.2	10	321.1	1.3	1.4	106.4	204.7	7.4
31	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	184.7	4.5	13	12.6	3.1	.4	—	8.5	.6
32	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	STONE, CLAY, AND GLASS PRODUCTS . . . . .	344.9	38.3	21	44.8	3.0	.2	23.6	8.6	9.4
34	PRIMARY METAL INDUSTRIES . . . . .	528.7	122.8	33	220.1	54.4	1.2	39.7	120.5	4.3
35	FABRICATED METAL PRODUCTS . . . . .	248.2	4.4	27	10.1	6.2	.8	.7	.9	1.6
36	MACHINERY, EXCEPT ELECTRICAL . . . . .	1 921.9	31.2	46	53.0	14.2	6.2	17.0	11.5	4.0
37	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	641.5	4.5	26	7.8	1.4	3.7	(Z)	1.3	1.3
38	TRANSPORTATION EQUIPMENT . . . . .	984.7	6.4	14	73.6	23.1	10.4	—	30.4	9.6
39	INSTRUMENTS AND RELATED PRODUCTS . . . . .	206.1	.9	6	1.7	1.0	.1	—	.4	.1
39	MISC. MANUFACTURING INDUSTRIES . . . . .	27.0	.4	4	.8	.1	.1	—	.1	.4
20	LOWER MISSISSIPPI . . . . .	1 645.1	552.4	153	1 569.5	328.7	24.8	213.4	964.2	38.4
22	FOOD AND KINDRED PRODUCTS . . . . .	199.7	44.2	44	56.2	5.7	1.1	.1	44.2	5.1
24	TEXTILE MILL PRODUCTS . . . . .	37.1	1.1	4	12.0	.7	7.5	—	.1	3.7
25	LUMBER AND WOOD PRODUCTS . . . . .	16.4	2.5	5	4.2	3.5	(Z)	—	.3	.4
26	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	PAPER AND ALLIED PRODUCTS . . . . .	95.9	59.5	13	159.4	131.8	6.1	6.8	12.0	2.7
29	CHEMICALS AND ALLIED PRODUCTS . . . . .	590.8	186.3	47	792.8	13.2	2.5	57.1	704.2	15.8
30	PETROLEUM AND COAL PRODUCTS . . . . .	192.5	97.4	10	359.4	165.2	2.7	—	188.0	3.5
31	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	86.2	4.1	6	10.0	.1	.4	.7	8.7	.1
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	7.3	.6	3	1.5	1.4	.1	—	—	—
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34	FABRICATED METAL PRODUCTS . . . . .	16.1	.3	4	.4	.3	(Z)	—	.1	.7
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	39.4	1.4	3	2.9	(Z)	1.8	—	.4	(Z)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	71.6	.5	5	.7	.3	.1	—	.3	(Z)
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	MISSOURI . . . . .	2 355.8	137.3	195	552.3	115.3	36.2	25.1	327.0	48.8
22	FOOD AND KINDRED PRODUCTS . . . . .	545.0	44.9	103	89.9	28.6	2.0	13.9	36.2	9.1
24	PAPER AND ALLIED PRODUCTS . . . . .	27.8	24.8	6	46.1	41.6	—	2.8	.6	1.2
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	247.3	15.3	21	95.3	5.4	1.3	4.6	81.4	2.4
29	PETROLEUM AND COAL PRODUCTS . . . . .	187.0	22.1	17	199.4	16.3	.1	.1	178.8	4.1
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.



**TABLE 5. Water Intake, Gross Water Used, and Water Discharged by Discharge Point for Establishments Recirculating Water: 1968—Con.**

**B. WATER USE REGIONS AND MAJOR INDUSTRY GROUPS—Continued**

(All water data in billions of gallons)

Code	Water use region and major industry group	Water discharged by point of discharge						Treated before discharge (included in total)
		Total	Public utility sewer	Surface water body	Tidewater body	Ground	Transferred to other users	
	<b>TENNESSEE . . . . .</b>	<b>322.7</b>	<b>7.2</b>	<b>293.8</b>	<b>-</b>	<b>1.4</b>	<b>20.3</b>	<b>104.7</b>
20	FOOD AND KINDRED PRODUCTS . . . . .	1.9	.8	.6	-	.4	(Z)	.2
22	TEXTILE MILL PRODUCTS . . . . .	3.8	1.6	2.2	-	(Z)	-	.7
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	63.4	.4	62.1	-	-	.9	32.7
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	227.8	.4	207.9	-	.5	19.0	60.4
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	.9	(Z)	.9	-	(Z)	(Z)	.6
33	PRIMARY METAL INDUSTRIES . . . . .	16.0	1.9	13.8	-	.1	.3	B.1
34	FABRICATED METAL PRODUCTS . . . . .	.7	.6	.1	-	-	-	.1
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	.6	.1	.4	-	.1	(Z)	(Z)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	.7	.4	.3	-	(Z)	-	.3
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	<b>SOUTHEAST . . . . .</b>	<b>1 016.7</b>	<b>34.9</b>	<b>632.9</b>	<b>326.4</b>	<b>16.9</b>	<b>5.5</b>	<b>458.8</b>
20	FOOD AND KINDRED PRODUCTS . . . . .	39.7	3.6	27.9	3.6	2.7	2.0	5.9
21	TOBACCO MANUFACTURES . . . . .	1.8	1.5	.3	-	(Z)	.1	(Z)
22	TEXTILE MILL PRODUCTS . . . . .	66.8	20.9	43.4	.7	1.0	.8	29.8
24	LUMBER AND WOOD PRODUCTS . . . . .	2.2	(Z)	1.9	-	(Z)	.2	.5
25	FURNITURE AND FIXTURES . . . . .	.7	.6	.1	-	(Z)	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	599.0	.6	360.3	233.4	4.5	(Z)	329.6
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	175.1	1.5	107.2	57.8	7.9	.7	56.9
29	PETROLEUM AND COAL PRODUCTS . . . . .	23.5	-	.4	23.1	(Z)	-	2.9
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	8.8	.2	8.5	-	(Z)	-	3.1
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	12.6	.6	4.0	7.5	.4	.1	3.6
33	PRIMARY METAL INDUSTRIES . . . . .	76.2	1.5	72.8	.2	.1	1.7	22.6
34	FABRICATED METAL PRODUCTS . . . . .	2.1	.5	1.3	.1	.2	-	.5
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	1.0	.3	.6	-	(Z)	-	.5
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	3.1	2.1	1.0	-	.1	-	.8
37	TRANSPORTATION EQUIPMENT . . . . .	3.6	.6	3.0	-	(Z)	-	1.8
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	.4	.2	.1	-	(Z)	-	.1
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	-	(Z)
	<b>WESTERN GREAT LAKES . . . . .</b>	<b>1 650.0</b>	<b>103.9</b>	<b>1537.5</b>	<b>-</b>	<b>6.8</b>	<b>1.8</b>	<b>689.2</b>
20	FOOD AND KINDRED PRODUCTS . . . . .	52.0	26.6	24.6	-	.9	(Z)	11.0
21	TOBACCO MANUFACTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
22	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	-
24	LUMBER AND WOOD PRODUCTS . . . . .	1.3	.2	1.2	-	-	-	1.3
25	FURNITURE AND FIXTURES . . . . .	.7	.5	.2	-	(Z)	-	.1
26	PAPER AND ALLIED PRODUCTS . . . . .	156.8	13.0	142.6	-	.6	.7	66.0
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	96.6	7.6	84.8	-	3.5	.8	38.2
29	PETROLEUM AND COAL PRODUCTS . . . . .	134.2	.6	133.6	-	(Z)	(Z)	77.5
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	6.6	2.6	3.9	-	.1	(Z)	.9
31	LEATHER AND LEATHER PRODUCTS . . . . .	2.8	1.7	1.1	-	(Z)	-	1.6
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	18.5	.4	17.8	-	.2	-	1.5
33	PRIMARY METAL INDUSTRIES . . . . .	1 112.6	17.8	1093.9	-	.8	(Z)	483.0
34	FABRICATED METAL PRODUCTS . . . . .	7.3	5.8	1.4	-	.1	-	1.2
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	12.4	6.5	5.7	-	.1	(Z)	1.9
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	7.6	7.5	.1	-	.1	(Z)	.9
37	TRANSPORTATION EQUIPMENT . . . . .	18.1	11.1	6.7	-	.3	(Z)	3.5
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	1.3	1.2	.1	-	(Z)	-	-
39	MISC. MANUFACTURING INDUSTRIES . . . . .	.3	.3	-	-	-	-	-
	<b>UPPER MISSISSIPPI . . . . .</b>	<b>518.6</b>	<b>90.3</b>	<b>406.0</b>	<b>-</b>	<b>21.5</b>	<b>.7</b>	<b>132.7</b>
20	FOOD AND KINDRED PRODUCTS . . . . .	99.9	40.7	55.7	-	3.3	.1	19.1
21	TOBACCO MANUFACTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
22	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	-
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	123.3	9.6	113.4	-	.1	.1	19.4
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	68.4	5.3	62.3	-	.6	.2	23.0
29	PETROLEUM AND COAL PRODUCTS . . . . .	14.3	1.5	9.1	-	3.7	-	9.7
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	4.3	.9	3.4	-	-	-	(Z)
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	36.7	1.5	34.6	-	.6	-	1.7
33	PRIMARY METAL INDUSTRIES . . . . .	118.6	9.5	97.2	-	11.9	(Z)	39.7
34	FABRICATED METAL PRODUCTS . . . . .	4.4	3.7	.7	-	(Z)	-	.5
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	30.2	5.6	24.4	-	.1	.1	17.5
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	4.4	3.9	.5	-	(Z)	-	.5
37	TRANSPORTATION EQUIPMENT . . . . .	5.7	3.0	2.6	-	.1	.1	.8
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	.9	.7	.2	-	-	-	.2
39	MISC. MANUFACTURING INDUSTRIES . . . . .	.3	.1	.2	-	.1	-	-
	<b>LOWER MISSISSIPPI . . . . .</b>	<b>526.1</b>	<b>16.6</b>	<b>485.6</b>	<b>19.0</b>	<b>3.2</b>	<b>1.7</b>	<b>147.4</b>
20	FOOD AND KINDRED PRODUCTS . . . . .	42.3	7.0	31.7	3.1	.3	.2	5.7
22	TEXTILE MILL PRODUCTS . . . . .	1.0	.3	.7	-	(Z)	-	.1
24	LUMBER AND WOOD PRODUCTS . . . . .	1.5	.3	1.2	-	(Z)	-	.5
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	56.9	4.9	52.0	-	-	-	11.7
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	170.5	2.4	158.9	5.9	2.1	1.3	41.1
29	PETROLEUM AND COAL PRODUCTS . . . . .	93.6	(Z)	83.2	10.0	.5	-	87.7
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	4.1	.1	3.7	-	(Z)	.2	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	.6	.2	.4	(Z)	(Z)	-	.3
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34	FABRICATED METAL PRODUCTS . . . . .	.2	.1	.1	-	-	-	(Z)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	.6	.1	.5	-	(Z)	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	.5	.1	.4	-	(Z)	-	.1
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	<b>MISSOURI . . . . .</b>	<b>118.2</b>	<b>20.1</b>	<b>95.5</b>	<b>-</b>	<b>.9</b>	<b>1.6</b>	<b>57.3</b>
20	FOOD AND KINDRED PRODUCTS . . . . .	39.8	13.1	25.3	-	.2	1.1	24.5
22	TEXTILE MILL PRODUCTS . . . . .	.6	.6	19.4	-	(Z)	-	.6
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	12.7	1.6	11.0	-	.1	-	2.3
29	PETROLEUM AND COAL PRODUCTS . . . . .	18.2	.1	17.4	-	.3	.5	15.9
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 5. Water Intake, Gross Water Used, and Water Discharged by Discharge Point for Establishments Recirculating Water: 1968—Con.

B. WATER USE REGIONS AND MAJOR INDUSTRY GROUPS—Continued

(All water data in billions of gallons)

Code	Water use region and major industry group	Value added by manufacture (million dollars)	Total water intake	Establishments recirculating water (number)	Gross water used, including recirculation or reuse, by purpose of recirculation					
					Total	Process	Air conditioning	Steam electric power generation	Other cooling and condensing	Boiler feed, sanitary service, and other uses
31	MISSOURI									
32	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	STONE, CLAY, AND GLASS PRODUCTS . . . . .	47.3	3.0	9	4.0	2.1	.1	—	1.8	(Z)
34	PRIMARY METAL INDUSTRIES . . . . .	148.7	17.8	7	25.7	12.7	.8	—	12.0	.3
35	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	MACHINERY, EXCEPT ELECTRICAL . . . . .	266.9	.3	6	.9	(Z)	.1	(Z)	.7	(Z)
37	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	206.8	1.0	8	28.1	.8	20.1	(Z)	2.1	5.1
38	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	ARKANSAS, WHITE AND REG.	2 301.6	222.7	218	1 627.9	388.5	15.9	94.3	1 083.0	46.2
22	FOOD AND KINDRED PRODUCTS . . . . .	168.4	9.1	58	23.2	9.3	.4	(Z)	11.3	2.1
24	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	LUMBER AND WOOD PRODUCTS . . . . .	21.9	1.6	11	3.0	1.1	(Z)	.6	.7	.5
28	PAPER AND ALLIED PRODUCTS . . . . .	273.6	84.6	20	412.8	322.7	3.8	50.2	31.0	5.3
29	CHEMICALS AND ALLIED PRODUCTS . . . . .	233.4	59.1	31	329.0	19.5	1.0	9.3	290.0	9.1
30	PETROLEUM AND COAL PRODUCTS . . . . .	433.6	25.6	32	721.0	15.7	3.0	7.9	682.4	12.0
31	RUBBER AND PLASTICS PRODUCTS, NEC.	79.8	1.0	5	5.1	.6	(Z)	—	.7	3.7
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	81.6	2.8	17	6.9	.8	.2	.9	4.7	.3
33	PRIMARY METAL INDUSTRIES . . . . .	167.1	33.7	8	107.7	13.4	.1	25.4	59.8	9.0
34	FABRICATED METAL PRODUCTS . . . . .	95.9	.3	6	.5	.2	.1	—	.2	(Z)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	71.0	.6	6	1.5	.2	1.0	—	.1	.1
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	137.2	1.2	8	2.3	.3	.8	—	.8	.4
37	TRANSPORTATION EQUIPMENT . . . . .	438.9	1.6	6	5.7	1.3	.4	—	.7	3.3
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	WESTERN GULF . . . . .	5 780.3	1 694.3	294	6 750.7	631.8	69.4	855.1	4 913.8	280.6
22	FOOD AND KINDRED PRODUCTS . . . . .	291.8	10.8	58	59.0	3.3	2.7	.3	50.2	2.5
24	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	LUMBER AND WOOD PRODUCTS . . . . .	10.7	1.0	4	7.8	.2	.5	6.2	(Z)	1.0
28	PAPER AND ALLIED PRODUCTS . . . . .	107.0	54.2	9	380.2	249.6	.8	93.6	6.9	29.3
29	CHEMICALS AND ALLIED PRODUCTS . . . . .	1 745.0	1 037.0	102	2 691.8	227.6	14.5	421.4	1 976.5	51.8
30	PETROLEUM AND COAL PRODUCTS . . . . .	1 585.9	393.3	43	3 107.2	88.0	16.5	82.4	2 742.8	177.6
31	RUBBER AND PLASTICS PRODUCTS, NEC.	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	97.9	4.2	25	9.5	3.5	(Z)	1.5	4.2	.2
33	PRIMARY METAL INDUSTRIES . . . . .	397.8	174.0	16	421.2	51.6	2.4	249.7	110.8	6.6
34	FABRICATED METAL PRODUCTS . . . . .	44.7	.3	8	.5	.3	.1	—	.1	(Z)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	127.6	.9	7	20.7	.4	5.6	—	12.9	1.7
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	1 021.5	15.0	10	40.3	4.8	23.2	—	3.0	9.4
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	COLORADO BASIN . . . . .	489.7	22.5	33	142.5	58.4	24.0	18.5	33.9	7.7
22	FOOD AND KINDRED PRODUCTS . . . . .	14.0	1.8	6	6.1	3.9	.2	.2	1.7	.1
24	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	CHEMICALS AND ALLIED PRODUCTS . . . . .	21.7	3.5	6	23.8	.1	(Z)	4.1	19.4	.1
28	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31	PRIMARY METAL INDUSTRIES . . . . .	73.0	10.9	9	73.2	49.6	.1	10.8	6.6	6.2
32	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
35	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	GREAT BASIN . . . . .	349.0	33.4	28	192.4	22.7	1.2	30.4	134.2	3.9
22	FOOD AND KINDRED PRODUCTS . . . . .	16.4	2.1	8	4.0	.5	—	—	3.2	.3
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	PETROLEUM AND COAL PRODUCTS . . . . .	47.3	2.5	3	43.2	(Z)	—	—	42.1	1.0
30	STONE, CLAY, AND GLASS PRODUCTS . . . . .	7.5	.5	3	.7	.1	—	—	.3	.3
31	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
35	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	CALIFORNIA . . . . .	8 236.8	308.1	406	1 449.9	389.2	42.5	53.9	888.2	76.1
22	FOOD AND KINDRED PRODUCTS . . . . .	904.0	53.1	149	100.4	40.6	.6	2.5	51.1	5.6
24	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(Z)	—	—	—	(D)
26	LUMBER AND WOOD PRODUCTS . . . . .	51.4	9.6	9	27.1	11.7	—	11.5	2.3	1.6
28	PAPER AND ALLIED PRODUCTS . . . . .	120.8	46.9	27	167.2	144.9	.4	17.9	2.7	1.2
29	CHEMICALS AND ALLIED PRODUCTS . . . . .	351.2	18.0	43	158.4	5.3	.1	15.9	120.0	17.1
30	PETROLEUM AND COAL PRODUCTS . . . . .	475.0	123.7	24	667.4	2.7	(Z)	5.0	647.6	12.1
31	RUBBER AND PLASTICS PRODUCTS, NEC.	144.4	1.3	9	10.4	2.2	.3	—	7.5	.3
32	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	STONE, CLAY, AND GLASS PRODUCTS . . . . .	350.9	23.2	40	35.1	20.0	.2	.3	13.7	.9
34	PRIMARY METAL INDUSTRIES . . . . .	399.0	14.2	23	166.5	144.3	.4	—	21.3	.5
35	FABRICATED METAL PRODUCTS . . . . .	84.2	.5	10	.7	.4	(Z)	—	.2	.1
36	MACHINERY, EXCEPT ELECTRICAL . . . . .	260.1	.9	10	6.2	.6	3.1	—	2.4	.1
37	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	941.3	3.0	18	30.3	.8	26.6	—	2.1	.9
38	TRANSPORTATION EQUIPMENT . . . . .	2 528.8	7.0	20	61.9	10.8	5.2	.7	10.4	34.7
39	INSTRUMENTS AND RELATED PRODUCTS . . . . .	91.0	.4	6	1.1	.7	.3	—	(Z)	.2
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(Z)	—	(Z)	(D)
20	PACIFIC NORTHWEST . . . . .	2 585.1	520.0	225	1 610.5	1 213.0	15.4	54.3	281.5	46.4
22	FOOD AND KINDRED PRODUCTS . . . . .	297.1	28.6	84	72.3	39.6	2.6	1.7	19.7	8.6
24	LUMBER AND WOOD PRODUCTS . . . . .	193.4	52.3	45	106.7	51.7	.4	43.0	5.0	6.6
26	PAPER AND ALLIED PRODUCTS . . . . .	440.2	327.5	43	1 052.1	982.1	.3	8.7	39.9	21.1
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	90.8	57.6	18	146.9	30.7	(Z)	(Z)	113.8	2.3
29	PETROLEUM AND COAL PRODUCTS . . . . .	105.1	3.8	5	71.1	.1	—	—	69.4	1.6
30	RUBBER AND PLASTICS PRODUCTS, NEC.	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	15.1	.6	5	1.6	.2	(Z)	.8	.6	.1
33	PRIMARY METAL INDUSTRIES . . . . .	216.3	44.5	17	144.9	106.6	.3	—	32.4	5.6
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.



**TABLE 5. Water Intake, Gross Water Used, and Water Discharged by Discharge Point for Establishments Recirculating Water: 1968—Con.**

**B. WATER USE REGIONS AND MAJOR INDUSTRY GROUPS—Continued**

(All water data in billions of gallons)

Code	Water use region and major industry group	Water discharged by point of discharge						Treated before discharge (included in total)
		Total	Public utility sewer	Surface water body	Tidewater body	Ground	Transferred to other users	
	MISSOURI							
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	2.1	1.6	.5	-	(Z)	(Z)	.8
33	PRIMARY METAL INDUSTRIES . . . . .	17.1	.6	16.4	-	(Z)	-	11.7
34	FABRICATED METAL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	.3	.2	(Z)	-	(Z)	-	(Z)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	.8	.6	.1	-	(Z)	-	.5
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	ARKANSAS, WHITE AND RED. . . . .	172.5	9.3	157.9	-	4.2	1.1	122.1
20	FOOD AND KINDRED PRODUCTS. . . . .	7.7	4.7	2.1	-	.7	.2	2.1
22	TEXTILE MILL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
24	LUMBER AND WOOD PRODUCTS . . . . .	.9	.1	.8	-	(Z)	-	.3
26	PAPER AND ALLIED PRODUCTS. . . . .	78.8	.7	78.0	-	(Z)	-	77.8
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	36.8	.2	34.1	-	2.5	(Z)	15.3
29	PETROLEUM AND COAL PRODUCTS. . . . .	13.2	.4	11.6	-	.5	.6	12.2
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	1.0	.1	.8	-	-	-	.4
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	1.1	.1	.8	-	.2	(Z)	.4
33	PRIMARY METAL INDUSTRIES . . . . .	28.7	.1	28.6	-	-	-	12.4
34	FABRICATED METAL PRODUCTS. . . . .	.2	.1	(Z)	-	.1	-	.1
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	.6	.4	.1	-	-	(Z)	.2
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	1.1	.7	.3	-	.1	-	.3
37	TRANSPORTATION EQUIPMENT . . . . .	1.3	.8	.4	-	(Z)	-	.1
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WESTERN GULF . . . . .	1 563.9	11.8	497.6	1 D37.4	8.7	8.4	439.6
20	FOOD AND KINDRED PRODUCTS. . . . .	8.8	4.8	.5	3.4	(Z)	.1	1.2
22	TEXTILE MILL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
24	LUMBER AND WOOD PRODUCTS . . . . .	.9	.1	.8	-	-	-	.8
26	PAPER AND ALLIED PRODUCTS. . . . .	51.1	.7	32.5	18.0	(Z)	-	51.1
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	988.4	1.9	157.5	826.7	2.0	.4	70.9
29	PETROLEUM AND COAL PRODUCTS. . . . .	334.2	.4	258.3	64.5	6.4	4.6	297.2
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	2.4	.3	1.0	1.0	.1	(Z)	.2
33	PRIMARY METAL INDUSTRIES . . . . .	159.7	.3	32.6	123.3	.1	3.3	15.1
34	FABRICATED METAL PRODUCTS. . . . .	.3	.2	(Z)	.1	(Z)	(Z)	.1
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	.8	.2	.6	-	(Z)	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	14.3	1.6	12.0	.5	.1	(Z)	1.0
	COLORADO BASIN . . . . .	17.7	3.3	2.6	-	8.0	3.9	3.3
20	FOOD AND KINDRED PRODUCTS. . . . .	1.4	.1	1.0	-	.4	-	.5
22	TEXTILE MILL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
24	LUMBER AND WOOD PRODUCTS . . . . .	.9	.1	.8	-	1.8	-	.6
26	PAPER AND ALLIED PRODUCTS. . . . .	2.8	.9	(Z)	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
29	PETROLEUM AND COAL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	STONE, CLAY, AND GLASS PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	PRIMARY METAL INDUSTRIES . . . . .	8.5	1.3	.8	-	2.9	3.6	.6
33	FABRICATED METAL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
35	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	GREAT BASIN. . . . .	24.9	1.2	14.6	-	5.5	3.7	11.1
20	FOOD AND KINDRED PRODUCTS. . . . .	2.1	.2	1.8	-	.1	.1	1.4
22	TEXTILE MILL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	CHEMICALS AND ALLIED PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	PETROLEUM AND COAL PRODUCTS. . . . .	1.5	.1	1.4	-	(Z)	(Z)	1.3
30	STONE, CLAY, AND GLASS PRODUCTS. . . . .	.3	.1	.1	-	.2	-	.1
32	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	FABRICATED METAL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
35	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	CALIFORNIA . . . . .	264.0	41.3	27.4	177.8	15.1	2.4	161.2
20	FOOD AND KINDRED PRODUCTS. . . . .	48.8	19.5	3.1	16.3	8.0	1.9	16.4
22	TEXTILE MILL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	-	-
24	LUMBER AND WOOD PRODUCTS . . . . .	8.8	.3	8.1	.4	-	-	.4
26	PAPER AND ALLIED PRODUCTS. . . . .	44.3	4.4	10.4	29.2	.2	.1	21.4
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	14.5	1.7	.9	10.7	1.0	.1	7.7
29	PETROLEUM AND COAL PRODUCTS. . . . .	101.8	1.8	.2	99.4	.4	.1	92.8
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	1.2	.7	.3	.1	.1	(Z)	.1
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	(D)
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	19.5	1.3	2.5	12.6	2.8	.2	12.1
33	PRIMARY METAL INDUSTRIES . . . . .	9.8	1.5	.7	6.9	.7	-	7.4
34	FABRICATED METAL PRODUCTS. . . . .	.5	.4	(Z)	(Z)	(Z)	(Z)	.2
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	.9	.7	-	(Z)	.1	-	.3
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	2.6	2.6	(Z)	(Z)	(Z)	-	.1
37	TRANSPORTATION EQUIPMENT . . . . .	5.8	3.7	.4	.1	1.6	(Z)	1.0
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	.3	.3	-	-	(Z)	-	.1
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	-	(Z)
	PACIFIC NORTHWEST. . . . .	458.3	15.2	251.9	170.2	14.9	6.1	168.3
20	FOOD AND KINDRED PRODUCTS. . . . .	27.6	6.5	16.3	.6	3.4	.7	15.8
22	TEXTILE MILL PRODUCTS. . . . .	44.2	.5	32.0	9.7	.8	1.1	12.0
24	LUMBER AND WOOD PRODUCTS . . . . .	295.1	2.9	141.6	143.7	4.4	2.6	125.9
26	CHEMICALS AND ALLIED PRODUCTS. . . . .	55.7	3.1	41.8	7.2	3.6	.1	6.6
28	PETROLEUM AND COAL PRODUCTS. . . . .	2.2	(Z)	-	2.2	(Z)	-	2.2
29	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	.4	.1	.1	.2	.1	-	.1
33	PRIMARY METAL INDUSTRIES . . . . .	28.4	.2	17.3	6.6	2.6	1.7	5.2
34	FABRICATED METAL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.



**TABLE 5. Water Intake, Gross Water Used, and Water Discharged by Discharge Point for Establishments Recirculating Water: 1968—Con.**

**B. WATER USE REGIONS AND MAJOR INDUSTRY GROUPS—Continued**

(All water data in billions of gallons)

Code	Water use region and major industry group	Value added by manufacture (million dollars)	Total water intake	Establishments recirculating water (number)	Gross water used, including recirculation or reuse, by purpose of recirculation					
					Total	Process	Air conditioning	Steam electric power generation	Other cooling and condensing	Boiler feed, sanitary service, and other uses
	CUMBERLAND . . . . .	318.9	36.2	22	58.6	3.0	7.9	3.5	39.6	4.7
20	FOOD AND KINDRED PRODUCTS . . . . .	23.3	.9	6	2.0	.3	.1	—	.9	.7
22	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(Z)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	65.0	1.1	3	1.7	.1	.1	(Z)	1.6	(Z)
	ALASKA . . . . .	39.1	31.3	4	113.5	91.1	—	14.2	7.3	1.0
20	FOOD AND KINDRED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	HAWAII . . . . .	131.6	84.6	20	146.1	77.1	.1	18.2	43.6	7.1
20	FOOD AND KINDRED PRODUCTS . . . . .	102.0	82.8	18	130.3	77.0	.1	18.2	28.2	6.8
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

Note: Detailed figures may not add to totals because of independent rounding. The figures shown for industry groups include data for all component industries whether or not separate figures are shown for the individual industries in the group.

**TABLE 5. Water Intake, Gross Water Used, and Water Discharged by Discharge Point for Establishments Recirculating Water: 1968—Con.**

**B. WATER USE REGIONS AND MAJOR INDUSTRY GROUPS—Continued**

(All water data in billions of gallons)

Code	Water use region and major industry group	Water discharged by point of discharge						Treated before discharge (included in total)
		Total	Public utility sewer	Surface water body	Tidewater body	Ground	Transferred to other users	
	CUMBERLAND . . . . .	35.7	1.9	33.7	-	.1	(Z)	11.6
20	FOOD AND KINDRED PRODUCTS. . . . .	.8	.8	-	-	-	-	(Z)
22	TEXTILE MILL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(Z)	-	-
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	1.1	.7	.4	-	-	-	.1
	ALASKA . . . . .	29.9	-	-	29.9	-	-	15.4
20	FOOD AND KINDRED PRODUCTS. . . . .	(D)	(D)	(D)	(D)	-	-	-
26	PAPER AND ALLIED PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
29	PETROLEUM AND COAL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	HAWAII . . . . .	83.8	1.9	.6	19.8	1.9	59.6	29.9
20	FOOD AND KINDRED PRODUCTS. . . . .	82.6	1.9	.6	18.7	1.8	59.6	28.8
29	PETROLEUM AND COAL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)

Standard notes: - Represents zero. (D) Withheld to avoid disclosing figures of individual companies.  
(Z) Less than 50 million gallons.

TABLE 6. Water Intake, Water Treated Prior to Use and Number of Establishments Treating Water Prior to Use by Type of Treatment: 1968

## A. INDUSTRY GROUPS AND INDUSTRIES

Code	Industry group and industry	Water intake (billion gallons)										
		Total	Treated prior to use by type of treatment									
			Total	Aeration	Coagulation	Filtration	Softening	Ion exchange	Corrosion control	pH	Settling	Other
	ALL INDUSTRIES, TOTAL . . . . .	15 466.5	3 505.8	153.5	1 367.8	1 505.3	556.6	211.4	697.0	1 017.4	1 015.4	805.7
20	FOOD AND KINDRED PRODUCTS . . . . .	810.9	136.9	15.3	17.9	62.2	48.4	8.2	37.2	19.6	16.9	24.6
201	MEAT PRODUCTS . . . . .	105.3	24.3	1.9	.5	5.7	3.7	.6	11.6	3.4	.2	8.2
2011	MEATPACKING PLANTS . . . . .	70.4	21.4	1.6	.5	4.1	3.1	.5	10.7	3.3	.2	7.7
2013	SAUSAGES AND OTHER PREPARED MEATS . . . . .	6.1	.5	-	-	-	.2	-	.2	(2)	-	-
2015	POULTRY DRESSING PLANTS . . . . .	28.8	2.3	-	-	1.5	.3	(2)	.7	(2)	-	.5
202	DAIRY PRODUCTS . . . . .	55.8	5.8	.4	.2	29.0	2.8	.3	1.0	.8	.8	.4
2021	CREAMERY BUTTER . . . . .	6.6	.6	-	-	-	.1	-	.3	-	-	-
2022	CHEESE, NATURAL AND PROCESSED . . . . .	3.8	.6	-	-	-	.6	-	.1	-	-	-
2023	CONDENSED AND EVAPORATED MILK . . . . .	13.5	1.1	-	-	.3	.6	.1	.1	.1	-	-
2024	ICE CREAM AND FROZEN DESSERTS . . . . .	3.2	.3	-	-	-	.1	-	.2	-	-	-
2026	FLUID MILK . . . . .	28.8	3.1	.3	.2	28.6	1.5	.1	.4	.7	.5	.3
203	CANNED, CURED, AND FROZEN FOODS . . . . .	128.7	14.0	3.7	2.0	5.3	5.0	.9	4.3	4.7	4.0	1.6
2031	CANNED AND CURED SEAFOODS . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2032	CANNED SPECIALTIES . . . . .	17.3	5.1	-	-	2.9	2.1	.5	3.4	-	-	-
2033	CANNED FRUITS AND VEGETABLES . . . . .	42.4	5.2	1.8	-	.9	1.3	.1	.6	.1	-	.8
2034	DEHYDRATED FOOD PRODUCTS . . . . .	4.6	.2	-	-	-	.1	-	-	-	-	-
2035	PICKLES, SAUCES, AND SALAD DRESSINGS . . . . .	3.2	.3	-	-	-	.2	-	(2)	-	-	-
2036	FRESH OR FROZEN PACKAGED FISH . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2037	FROZEN FRUITS AND VEGETABLES . . . . .	56.9	3.2	-	-	1.4	1.2	.2	.3	1.2	-	.7
204	GRAIN MILL PRODUCTS . . . . .	75.1	12.0	1.0	4.1	6.7	7.2	3.0	2.9	2.4	-	-
2041	FLOUR AND OTHER GRAIN MILL PRODUCTS . . . . .	3.1	.2	-	-	-	.1	-	.1	-	-	-
2042	PREPARED FEEDS FOR ANIMALS AND FOWLS . . . . .	5.3	1.8	-	-	-	.2	.1	1.6	.1	-	-
2043	CEREAL PREPARATIONS . . . . .	4.1	.5	-	-	-	.3	-	-	-	-	-
2044	RICE MILLING . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2045	BLENDED AND PREPARED FLOUR . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2046	WET CORN MILLING . . . . .	61.9	9.5	-	4.0	6.3	6.5	2.9	-	-	-	-
205	BAKERY PRODUCTS . . . . .	4.2	1.4	-	-	-	.1	(2)	.9	.9	-	-
2051	BREAD, CAKE, AND RELATED PRODUCTS . . . . .	2.2	.2	-	-	-	.1	-	.1	.1	-	-
2052	COOKIES AND CRACKERS . . . . .	2.1	1.2	-	-	-	(2)	-	.8	.9	-	-
206	SUGAR . . . . .	243.3	46.1	-	4.0	3.9	22.3	.7	9.6	2.6	7.0	6.3
2061	RAW CANE SUGAR . . . . .	114.4	15.5	-	.5	.4	.5	-	8.8	.4	-	-
2062	CANE SUGAR REFINING . . . . .	83.6	4.3	-	3.5	3.5	1.9	.6	-	2.2	1.5	.3
2063	BET SUGAR . . . . .	45.2	26.3	-	-	-	20.0	-	-	-	-	6.3
207	CONFECTIONERY AND RELATED PRODUCTS . . . . .	19.0	1.8	-	-	1.2	.2	.6	.6	.6	-	-
2071	CONFECTIONERY PRODUCTS . . . . .	5.1	1.8	-	-	1.2	.1	-	.6	.6	-	-
2072	CHOCOLATE AND COCOA PRODUCTS . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2073	CHEWING GUM . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
208	BEVERAGES . . . . .	111.5	19.1	4.7	6.9	9.1	3.9	1.3	1.3	2.6	2.0	2.9
2082	MALT LIQUORS . . . . .	65.7	11.7	.3	.8	6.1	2.1	.6	1.4	1.6	-	2.3
2083	MALT . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2084	WINES, BRANDY, AND BRANDY SPIRITS . . . . .	3.0	.5	-	-	-	-	-	-	-	-	-
2085	DISTILLED LIQUOR, EXCEPT BRANDY . . . . .	21.7	2.6	-	.3	.3	.7	.4	.7	-	-	-
2086	BOTTLED AND CANNED SOFT DRINKS . . . . .	7.5	2.8	4.3	5.7	2.4	.8	-	-	.2	.6	.2
2087	FLAVORING EXTRACTS AND SIRUPS, NEC . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
209	MISC. FOODS AND KINDRED PRODUCTS . . . . .	67.9	12.5	2.8	.2	1.3	3.3	1.0	4.9	1.6	1.1	4.2
2091	COTTONSEED OIL MILLS . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2092	SOYBEAN OIL MILLS . . . . .	13.7	4.7	-	-	-	.7	.5	2.8	.5	-	-
2093	VEGETABLE OIL MILLS, NEC . . . . .	1.7	.4	-	-	-	.3	-	-	-	-	-
2094	ANIMAL AND MARINE FATS AND OILS . . . . .	9.2	.4	-	-	-	.2	-	.2	(2)	-	-
2095	ROASTED COFFEE . . . . .	2.7	.4	-	-	-	.3	-	-	-	-	-
2096	SHORTENING AND COOKING OILS . . . . .	17.0	4.8	-	-	.7	1.2	.4	1.2	.2	-	-
2097	MANUFACTURED ICE . . . . .	4.7	.3	-	.1	.1	-	-	-	-	-	-
2098	MACARONI AND SPAGHETTI . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2099	FOOD PREPARATIONS, NEC . . . . .	18.4	1.4	-	-	.2	.3	.1	.6	.6	-	-
21	TOBACCO MANUFACTURES . . . . .	5.8	1.4	-	-	-	.3	.2	.5	.7	-	-
2111	CIGARETTES . . . . .	3.1	.5	-	-	-	.2	-	.4	-	-	-
2121	CIGARS . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2131	CHEWING AND SMOKING TOBACCO . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2141	TOBACCO STEMMING AND REDRYING . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
22	TEXTILE MILL PRODUCTS . . . . .	154.2	88.7	2.0	52.3	69.5	32.9	8.9	30.3	47.8	33.1	7.3
2211	WEAVING MILLS, COTTON . . . . .	33.5	21.3	-	17.6	19.4	6.0	-	10.8	18.0	9.1	4.8
2221	WEAVING MILLS, SYNTHETICS . . . . .	12.5	7.0	-	3.8	5.0	4.0	.9	2.0	3.9	1.8	.2
2231	WEAVING AND FINISHING MILLS, WOOL . . . . .	15.8	9.5	-	4.5	7.1	3.3	2.4	2.4	1.3	3.0	.2
2241	NARROW FABRIC MILLS . . . . .	.9	.3	-	-	-	.2	-	-	-	-	-
225	KNITTING MILLS . . . . .	11.4	5.3	-	-	1.7	3.5	-	.4	.4	-	-
2251	WOMEN'S HOSIERY, EXCEPT SOCKS . . . . .	1.6	.6	-	-	-	.6	-	-	-	-	-
2252	HOSIERY, NEC . . . . .	.7	.3	-	-	-	.2	-	-	-	-	-
2253	KNIT OUTERWEAR MILLS . . . . .	1.9	.5	-	-	-	.4	-	-	-	-	-
2254	KNIT UNDERWEAR MILLS . . . . .	1.9	.6	-	-	-	.6	-	-	-	-	-
2256	KNIT FABRIC MILLS . . . . .	5.3	3.3	-	-	1.6	1.6	-	.3	.3	-	-
226	TEXTILE FINISHING, EXCEPT WOOL . . . . .	51.5	32.7	-	20.9	29.9	8.6	4.3	12.0	20.6	16.0	.7
2261	FINISHING PLANTS, COTTON . . . . .	28.2	18.8	-	15.1	19.8	3.8	-	6.6	14.2	11.3	-
2262	FINISHING PLANTS, SYNTHETICS . . . . .	18.5	11.2	-	5.3	9.0	2.2	4.2	5.4	5.6	4.5	-
2269	FINISHING PLANTS, NEC . . . . .	4.7	2.8	-	-	1.2	2.5	-	-	.7	-	-
227	FLOOR COVERING MILLS . . . . .	10.6	4.8	-	2.5	2.7	2.9	-	1.5	1.1	2.0	-
2271	WOVEN CARPETS AND RUGS . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

See footnotes at end of table.



TABLE 6. Water Intake, Water Treated Prior to Use and Number of Establishments Treating Water Prior to Use by Type of Treatment: 1968—Continued

## A. INDUSTRY GROUPS AND INDUSTRIES—Continued

Code	Industry group and industry	Number of establishments treating intake water prior to use by type of treatment										No treatment performed
		Total	Aeration	Coagulation	Filtration	Softening	Ion exchange	Corrosion control	pH	Settling	Other	
	ALL INDUSTRIES, TOTAL . . . . .	5 159	331	889	1 559	3 159	1 402	1 801	1 373	480	519	4 243
20	FOOD AND KINDRED PRODUCTS . . . . .	1 178	66	150	303	736	185	337	235	62	116	1 167
201	MEAT PRODUCTS . . . . .	195	13	7	29	127	20	70	30	5	31	269
2011	MEATPACKING PLANTS . . . . .	113	10	6	21	83	11	32	21	5	22	117
2013	SAUSAGES AND OTHER PREPARED MEATS . . . . .	29	2	1	3	19	3	10	4	—	3	25
2015	POULTRY DRESSING PLANTS . . . . .	53	1	—	5	25	6	28	5	—	6	127
202	DAIRY PRODUCTS . . . . .	224	11	10	31	162	21	66	49	12	12	294
2021	CREAMERY BUTTER . . . . .	17	1	—	3	11	2	4	3	1	1	44
2022	CHEESE, NATURAL AND PROCESSED . . . . .	21	—	2	—	18	2	5	2	—	2	22
2023	CONDENSED AND EVAPORATED MILK . . . . .	41	3	1	5	33	5	6	6	3	—	30
2024	ICE CREAM AND FROZEN DESSERTS . . . . .	15	2	1	1	13	1	6	—	—	1	25
2026	FLUID MILK . . . . .	130	5	6	22	87	11	45	38	8	8	173
203	CANNED, CURED, AND FROZEN FOODS . . . . .	187	10	8	36	118	35	54	27	7	23	261
2031	CANNED AND CURED SEAFOODS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2032	CANNED SPECIALTIES . . . . .	20	2	2	10	6	6	6	3	2	1	12
2033	CANNED FRUITS AND VEGETABLES . . . . .	95	5	2	12	62	13	27	6	1	16	125
2034	DEHYDRATED FOOD PRODUCTS . . . . .	13	—	—	1	9	2	2	2	1	—	10
2035	PICKLES, SAUCES, AND SALAD DRESSINGS . . . . .	11	1	2	1	10	3	4	2	—	1	17
2036	FRESH OR FROZEN PACKAGED FISH . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2037	FROZEN FRUITS AND VEGETABLES . . . . .	46	2	2	11	30	11	15	13	3	5	63
204	GRAIN MILL PRODUCTS . . . . .	53	4	5	11	43	13	16	11	3	3	30
2041	FLOUR AND OTHER GRAIN MILL PRODUCTS . . . . .	9	—	—	1	7	2	3	—	—	—	5
2042	PREPARED FEEDS FOR ANIMALS AND FOWLS . . . . .	18	—	1	1	15	4	7	4	1	1	14
2043	CEREAL PREPARATIONS . . . . .	5	2	—	1	4	1	2	1	—	—	4
2044	RICE MILLING . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2045	BLENDED AND PREPARED FLOUR . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2046	WET CORN MILLING . . . . .	14	2	4	8	10	5	1	2	2	1	6
205	BAKERY PRODUCTS . . . . .	28	2	—	3	16	5	11	10	1	3	37
2051	BREAD, CAKE, AND RELATED PRODUCTS . . . . .	17	1	—	2	11	3	7	6	—	1	31
2052	COOKIES AND CRACKERS . . . . .	11	1	—	1	5	2	4	4	1	2	6
206	SUGAR . . . . .	65	2	16	14	47	9	8	11	7	9	62
2061	RAW CANE SUGAR . . . . .	15	1	5	4	7	—	4	5	2	1	34
2062	CANE SUGAR REFINING . . . . .	17	1	10	10	16	7	3	6	5	—	6
2063	BET SUGAR . . . . .	33	—	1	—	24	2	1	—	—	8	22
207	CONFECTIONERY AND RELATED PRODUCTS . . . . .	24	2	—	6	13	5	10	6	1	3	15
2071	CONFECTIONERY PRODUCTS . . . . .	16	1	—	6	7	2	7	5	1	3	14
2072	CHOCOLATE AND COCOA PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2073	CHEWING GUM . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
208	BEVERAGES . . . . .	231	13	88	141	97	43	30	46	18	24	81
2082	MALT LIQUORS . . . . .	73	5	6	39	43	15	18	22	2	8	22
2083	MALT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2084	WINES, BRANDY, AND BRANDY SPIRITS . . . . .	9	—	—	—	3	1	3	—	—	3	8
2085	DISTILLED LIQUOR, EXCEPT BRANDY . . . . .	27	1	4	6	20	21	4	3	1	3	4
2086	BOTTLED AND CANNED SOFT DRINKS . . . . .	108	7	71	88	27	3	3	20	14	8	22
2087	FLAVORING EXTRACTS AND SIRUPS, NEC . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
209	MISC. FOODS AND KINDRED PRODUCTS . . . . .	171	9	16	32	113	34	72	45	8	8	118
2091	COTTONSEED OIL MILLS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2092	SOYBEAN OIL MILLS . . . . .	39	3	1	2	29	15	29	15	1	3	8
2093	VEGETABLE OIL MILLS, NEC . . . . .	6	—	—	1	5	—	2	—	—	—	1
2094	ANIMAL AND MARINE FATS AND OILS . . . . .	31	—	1	2	17	2	10	13	3	2	34
2095	ROASTED COFFEE . . . . .	7	—	—	—	6	—	2	1	—	1	3
2096	SHORTENING AND COOKING OILS . . . . .	35	3	2	6	27	9	11	8	1	1	12
2097	MANUFACTURED ICE . . . . .	17	—	10	13	2	2	1	1	2	—	17
2098	MACARONI AND SPAGHETTI . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2099	FOOD PREPARATIONS, NEC . . . . .	32	2	2	7	24	6	15	5	1	1	40
21	TOBACCO MANUFACTURES . . . . .	20	—	3	3	12	4	12	9	2	2	4
2111	CIGARETTES . . . . .	10	—	1	1	6	3	7	3	—	1	1
2121	CIGARS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2131	CHEWING AND SMOKING TOBACCO . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2141	TOBACCO STEMMING AND REDRYING . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
22	TEXTILE MILL PRODUCTS . . . . .	408	16	116	184	209	27	121	132	64	45	276
2211	WEAVING MILLS, COTTON . . . . .	72	2	37	42	30	2	33	35	19	18	52
2221	WEAVING MILLS, SYNTHETICS . . . . .	47	2	14	20	19	5	23	23	8	4	39
2231	WEAVING AND FINISHING MILLS, WOOL . . . . .	39	1	8	18	16	4	5	9	6	4	23
2241	NARROW FABRIC MILLS . . . . .	7	—	—	3	5	1	1	—	—	—	4
225	KNITTING MILLS . . . . .	56	2	2	14	42	2	9	6	1	1	44
2251	WOMEN'S HOSIERY, EXCEPT SOCKS . . . . .	12	—	—	—	12	—	1	—	—	—	5
2252	HOSIERY, NEC . . . . .	7	—	—	1	6	—	—	—	—	—	8
2253	KNIT OUTERWEAR MILLS . . . . .	6	—	1	2	4	—	1	2	1	—	11
2254	KNIT UNDERWEAR MILLS . . . . .	6	—	—	—	6	—	—	—	—	—	5
2256	KNIT FABRIC MILLS . . . . .	25	2	1	11	14	2	7	4	—	1	15
226	TEXTILE FINISHING, EXCEPT WOOL . . . . .	83	3	26	48	44	8	18	27	16	4	44
2261	FINISHING PLANTS, COTTON . . . . .	32	3	17	22	12	2	13	13	9	1	18
2262	FINISHING PLANTS, SYNTHETICS . . . . .	29	—	6	15	13	6	6	8	5	1	16
2269	FINISHING PLANTS, NEC . . . . .	22	—	3	11	19	—	—	6	2	2	10
227	FLOOR COVERING MILLS . . . . .	29	2	8	10	17	1	9	9	6	3	21
2271	WOVEN CARPETS AND RUGS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 6. Water Intake, Water Treated Prior to Use and Number of Establishments Treating Water Prior to Use by Type of Treatment: 1968—Continued

## A. INDUSTRY GROUPS AND INDUSTRIES—Continued

Code	Industry group and industry	Water intake (billion gallons)										
		Total	Treated prior to use by type of treatment									
			Total	Aeration	Coagulation	Filtration	Softening	Ion exchange	Corrosion control	pH	Settling	Other
2272	TUFTED CARPETS AND RUGS . . . . .	9.0	4.3	-	2.3	2.3	2.7	-	.6	.9	1.8	-
2279	CARPETS AND RUGS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
228	YARN AND THREAD MILLS . . . . .	10.3	5.9	-	2.2	3.1	3.7	-	.7	2.1	1.0	.9
2281	YARN MILLS, EXCEPT WOOL . . . . .	3.7	2.0	-	.9	1.3	1.0	-	.4	.7	.8	-
2282	THROWING AND WINDING MILLS . . . . .	.9	.7	-	-	-	-	-	-	-	-	-
2283	WOOL YARN MILLS . . . . .	1.2	-	-	-	-	-	-	-	-	-	-
2284	THREAD MILLS . . . . .	4.6	2.5	-	1.1	1.1	1.6	-	-	1.1	-	-
229	MISCELLANEOUS TEXTILE GOODS . . . . .	7.6	1.8	-	.5	.5	.8	-	.5	.4	-	.2
2291	FELT GOODS, NEC. . . . .	.5	-	-	-	-	-	-	-	-	-	-
2292	LACE GOODS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2293	PAIDINGS AND UPHOLSTERY FILLING . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2294	PROCESSED TEXTILE WASTE . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2295	COATED FABRICS, NOT RUBBERIZED . . . . .	4.1	.6	-	-	-	.2	-	-	-	-	-
2296	TIRE CORO AND FABRIC . . . . .	.6	.2	-	-	-	-	-	-	-	-	-
2297	SCOURING AND COMBING PLANTS . . . . .	1.1	.3	-	-	-	.2	-	-	-	-	-
2298	COROA AND TWINE . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2299	TEXTILE GOODS, NEC . . . . .	.7	-	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . . . .	117.9	10.1	1.7	3.5	4.6	3.3	1.8	1.8	1.9	.7	.7
2411	LOGGING CAMPS, LOGGING CONTRACTORS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
242	SAWMILLS AND PLANING MILLS . . . . .	86.8	5.4	-	3.1	3.7	2.0	1.1	.7	1.1	.3	.4
2421	SAWMILLS AND PLANING MILLS, GENERAL . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2426	HARWOOD DIMENSION AND FLOORING . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
243	MILLWORK, PLYWOOD, RELATED PROD. . . . .	17.9	1.7	-	-	.4	.8	-	.6	.5	.2	-
2431	MILLWORK . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2432	VENEER AND PLYWOOD . . . . .	17.2	1.5	-	-	.4	.7	-	.5	.5	.2	-
2433	PREFABRICATED WOOD STRUCTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
244	WOODEN CONTAINERS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2441	NAILED WOODEN BOXES AND SHODK. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2442	WIREBOUND BOXES AND CRATES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
249	MISCELLANEOUS WOOD PRODUCTS . . . . .	11.8	2.6	-	-	.5	.3	.6	.1	-	-	-
2491	WOOD PRESERVING . . . . .	.8	.1	-	-	-	-	-	.1	-	-	-
2499	WOOD PRODUCTS, NEC . . . . .	10.9	2.4	-	-	.5	-	-	-	-	-	-
25	FURNITURE AND FIXTURES . . . . .	4.3	.4	-	-	-	.2	(Z)	.3	.1	-	-
251	HOUSEHOLD FURNITURE . . . . .	2.2	.2	-	-	-	.1	-	.1	.1	-	-
2511	WOOD HOUSEHOLD FURNITURE . . . . .	1.8	.1	-	-	-	.1	-	.1	(Z)	-	-
2512	UPHOLSTERED HOUSEHOLD FURNITURE . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2514	METAL HOUSEHOLD FURNITURE . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2515	MATTRESSES AND BEDSPRINGS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2519	HOUSEHOLD FURNITURE, NEC . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
252	OFFICE FURNITURE . . . . .	1.0	.2	-	-	-	-	-	-	-	-	-
2522	METAL OFFICE FURNITURE . . . . .	1.0	.2	-	-	-	-	-	-	-	-	-
2531	PUBLIC BUILDING FURNITURE . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
254	PARTITIONS AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2542	METAL PARTITIONS AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
259	MISC. FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2591	VENETIAN BLINDS AND SHADES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2599	FURNITURE AND FIXTURES, NEC . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	2 252.0	1 311.4	62.8	821.8	890.4	116.1	53.5	187.5	357.0	494.5	93.1
2611	PULPMILLS . . . . .	270.6	209.3	-	123.8	180.8	47.1	12.0	26.9	57.1	74.7	-
2621	PAPERMILLS, EXCEPT BUILDING PAPER . . . . .	1 193.8	724.9	46.3	415.8	505.7	51.8	29.1	82.0	165.1	265.1	58.2
2631	PAPERBOARD MILLS . . . . .	722.5	357.4	5.9	277.7	197.6	15.4	12.2	77.6	130.5	141.9	17.0
264	MISC. CONVERTED PAPER PRODUCTS . . . . .	22.5	8.5	-	4.3	5.4	.2	-	.6	3.4	4.8	-
2641	PAPER COATING AND GLAZING . . . . .	7.4	3.3	-	-	.9	.1	-	.4	.4	-	-
2642	ENVELOPES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2643	BAGS, EXCEPT TEXTILE BAGS . . . . .	6.0	2.7	-	-	-	-	-	.1	-	-	-
2644	WALLPAPER . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2645	ONE-CUT PAPER AND BOARD . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2646	PRESSED AND MOLDED PULP GOODS . . . . .	4.5	.7	-	-	-	-	-	-	-	-	-
2647	SANITARY PAPER PRODUCTS . . . . .	3.7	1.7	-	1.3	-	-	-	-	-	-	-
2649	CONVERTED PAPER PRODUCTS, NEC . . . . .	.4	-	-	-	-	-	-	-	-	-	-
265	PAPERBOARD CONTAINERS AND BOXES . . . . .	5.8	.8	-	-	-	.4	(Z)	.1	.1	-	-
2651	FOLDING PAPERBOARD BOXES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2653	CORRUGATED AND SMOOTH FIBER BOXES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2654	SANITARY FOOD CONTAINERS . . . . .	1.8	.4	-	-	-	-	(Z)	.1	-	-	-
2655	FIBER CANS, DRUMS, RELATED MATERIAL . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2661	BUILDING PAPER AND BOARD MILLS . . . . .	36.8	10.5	-	.2	.8	1.2	.2	.4	.8	-	2.2
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	4 476.2	590.4	36.3	254.8	230.7	140.1	58.6	205.3	301.2	170.6	67.3
281	INDUSTRIAL CHEMICALS . . . . .	3 368.4	373.8	19.6	146.1	115.2	96.8	34.4	157.6	209.6	89.6	41.5
2812	ALKALIES AND CHLORINE . . . . .	386.4	63.4	-	9.8	16.3	15.0	1.8	46.2	49.9	12.9	-
2813	INDUSTRIAL GASES . . . . .	92.3	7.6	3.6	-	1.2	.8	-	1.7	.9	-	.1
2815	CYCLIC INTERMEDIATES AND CRUDE . . . . .	139.1	16.8	-	11.2	10.4	6.9	2.9	4.8	5.9	4.9	1.1
2816	INORGANIC PIGMENTS . . . . .	95.4	24.2	-	10.0	10.7	1.7	1.2	1.7	15.4	-	-
2818	INDUSTRIAL ORGANIC CHEMICALS, NEC . . . . .	2 140.3	172.3	8.9	79.0	42.7	52.6	17.0	67.2	95.5	44.7	11.5
2819	INDUSTRIAL INORGANIC CHEMICALS, NEC . . . . .	514.8	89.5	4.7	36.1	33.8	19.9	10.8	36.0	42.0	26.0	24.2

See footnotes at end of table.



TABLE 6. Water Intake, Water Treated Prior to Use and Number of Establishments Treating Water Prior to Use by Type of Treatment: 1968—Continued

## A. INDUSTRY GROUPS AND INDUSTRIES—Continued

Code	Industry group and industry	Number of establishments treating intake water prior to use by type of treatment										No treatment performed
		Total	Aeration	Coagulation	Filtration	Softening	Ion exchange	Corrosion control	pH	Settling	Other	
2272	TUFTED CARPETS AND RUGS . . . . .	24	2	7	7	1S	1	7	7	S	1	2D
2279	CARPETS AND RUGS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
228	YARN AND THREAD MILLS . . . . .	40	2	14	16	18	1	11	1S	6	6	2S
2281	YARN MILLS, EXCEPT WOOL . . . . .	20	1	7	7	8	-	8	6	S	3	21
2282	THROWING AND WINDING MILLS . . . . .	S	1	1	1	2	-	3	3	-	-	1
2283	WOOL YARN MILLS . . . . .	3	-	-	1	2	-	-	1	-	-	2
2284	THREAD MILLS . . . . .	12	-	6	7	6	1	-	S	1	3	1
229	MISCELLANEOUS TEXTILE GOODS . . . . .	3S	2	7	13	18	3	12	8	2	5	24
2291	FELT GOODS, NEC. . . . .	3	-	-	1	3	-	1	1	-	-	2
2292	LACE GOODS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2293	PADDINGS AND UPHOLSTERY FILLING . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2294	PROCESSED TEXTILE WASTE . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2295	COATED FABRICS, NOT RUBBERIZED . . . . .	11	1	2	3	5	2	2	2	1	2	4
2296	TIRE CORD AND FABRIC . . . . .	4	-	-	1	2	-	3	1	-	1	5
2297	SCOURING AND COMBING PLANTS . . . . .	6	-	1	1	4	1	2	1	-	1	3
2298	CORDAGE AND TWINE . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2299	TEXTILE GOODS, NEC . . . . .	3	-	1	2	-	-	2	-	-	-	6
24	LUMBER AND WOOD PRODUCTS . . . . .	97	8	11	29	46	13	4S	22	9	9	91
2411	LOGGING CAMPS, LOGGING CONTRACTORS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
242	SAWMILLS AND PLANING MILLS . . . . .	42	3	7	1S	21	7	17	12	4	6	39
2421	SAWMILLS AND PLANING MILLS, GENERAL . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2426	HARDWOOD DIMENSION AND FLOORING . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
243	MILLWORK, PLYWOOD, RELATED PROD. . . . .	35	2	3	10	16	1	18	7	4	3	27
2431	MILLWORK . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2432	VENEER AND PLYWOOD . . . . .	31	1	2	9	14	1	16	6	4	3	24
2433	PREFABRICATED WOOD STRUCTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
244	WOODEN CONTAINERS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2441	NAILED WOODEN BOXES AND SHOOK . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2442	WIREBOUND BOXES AND CRATES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
249	MISCELLANEOUS WOOD PRODUCTS . . . . .	14	3	1	4	6	4	S	2	-	-	24
2491	WOOD PRESERVING . . . . .	6	1	-	-	3	1	4	-	-	-	7
2499	WOOD PRODUCTS, NEC . . . . .	8	2	1	4	3	3	1	2	-	-	17
2S	FURNITURE AND FIXTURES . . . . .	23	-	-	3	13	4	11	7	-	2	32
2S1	HOUSEHOLD FURNITURE . . . . .	14	-	-	1	8	1	7	5	-	1	14
2S11	WOOD HOUSEHOLD FURNITURE . . . . .	10	-	-	1	6	1	5	4	-	-	10
2S12	UPHOLSTERED HOUSEHOLD FURNITURE . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2S14	METAL HOUSEHOLD FURNITURE . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2S15	MATTRESSES AND BEDSPRINGS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2S19	HOUSEHOLD FURNITURE, NEC . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2S2	OFFICE FURNITURE . . . . .	S	-	-	2	3	2	3	2	-	-	7
2S22	METAL OFFICE FURNITURE . . . . .	5	-	-	2	3	2	3	2	-	-	7
2S31	PUBLIC BUILDING FURNITURE . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2S4	PARTITIONS AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2S42	METAL PARTITIONS AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2S9	MISC. FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2S91	VENETIAN BLINDS AND SHADES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2S99	FURNITURE AND FIXTURES, NEC . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	466	28	194	272	239	148	126	119	107	45	153
2611	PULPMILLS . . . . .	25	2	17	22	14	12	5	6	8	3	6
2621	PAPERMILLS, EXCEPT BUILDING PAPER . . . . .	216	14	106	154	98	72	47	56	64	21	33
2631	PAPERBOARD MILLS . . . . .	135	7	56	71	71	52	37	31	27	14	46
264	MISC. CONVERTED PAPER PRODUCTS . . . . .	42	3	9	12	18	2	18	14	5	1	34
2641	PAPER COATING AND GLAZING . . . . .	19	2	2	6	10	2	10	7	2	1	10
2642	ENVELOPES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2643	BAGS, EXCEPT TEXTILE BAGS . . . . .	6	1	1	1	2	-	4	2	2	-	5
2644	WALLPAPER . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2645	DIE-CUT PAPER AND BOARD . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2646	PRESSED AND MOLDED PULP GOODS . . . . .	4	-	1	2	1	-	-	2	-	-	11
2647	SANITARY PAPER PRODUCTS . . . . .	6	-	5	3	1	-	-	1	-	-	4
2649	CONVERTED PAPER PRODUCTS, NEC . . . . .	3	-	-	-	2	-	2	1	-	-	2
26S	PAPERBOARD CONTAINERS AND BOXES . . . . .	23	2	2	2	17	5	10	5	-	2	18
26S1	FOLDING PAPERBOARD BOXES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26S3	CORRUGATED AND SOLID FIBER BOXES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26S4	SANITARY FOOD CONTAINERS . . . . .	9	-	1	1	6	4	6	2	-	2	6
26S5	FIBER CANS, DRUMS, RELATED MATERIAL . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2661	BUILDING PAPER AND BOARD MILLS . . . . .	25	-	4	11	21	5	9	7	3	4	16
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	816	71	180	260	547	382	296	2S5	90	92	309
281	INDUSTRIAL CHEMICALS . . . . .	438	44	107	140	294	207	171	145	46	48	144
2812	ALKALIES AND CHLORINE . . . . .	2S	1	8	13	16	12	14	9	4	2	6
2813	INDUSTRIAL GASES . . . . .	35	S	-	4	8	2	22	16	-	4	30
281S	CYCLIC INTERMEDIATES AND CRUDE . . . . .	46	2	18	21	32	22	14	1S	8	8	16
2816	INORGANIC PIGMENTS . . . . .	18	1	6	8	13	9	4	5	2	1	6
2818	INDUSTRIAL ORGANIC CHEMICALS, NEC . . . . .	140	16	42	49	102	72	56	45	19	15	37
2819	INDUSTRIAL INORGANIC CHEMICALS, NEC . . . . .	174	19	33	4S	123	90	61	5S	13	18	49

See footnotes at end of table.



TABLE 6. Water Intake, Water Treated Prior to Use and Number of Establishments Treating Water Prior to Use by Type of Treatment: 1968—Continued

## A. INDUSTRY GROUPS AND INDUSTRIES—Continued

Code	Industry group and industry	Water intake (billion gallons)										
		Total	Treated prior to use by type of treatment									
			Total	Aeration	Coagulation	Filtration	Softening	Ion exchange	Corrosion control	pH	Settling	Other
282	PLASTICS MATERIALS AND SYNTHETICS.	635.0	134.0	2.0	65.1	74.9	32.7	18.6	31.2	64.5	58.3	10.2
2821	PLASTICS MATERIALS AND RESINS. . . . .	230.6	38.2	1.2	16.8	17.3	9.3	5.4	9.1	15.6	12.0	4.6
2822	SYNTHETIC RUBBER . . . . .	62.4	16.8	-	4.0	8.3	3.9	3.7	10.0	4.6	6.2	-
2823	CELLULOSIC MANMADE FIBERS. . . . .	182.2	56.7	-	29.8	35.1	16.0	2.8	10.9	29.1	32.2	4.7
2824	ORGANIC FIBERS, NONCELLULOSIC. . . . .	159.8	22.3	-	14.6	14.2	3.6	6.7	1.2	15.2	7.8	.9
283	DRUGS. . . . .	69.4	5.4	.3	1.3	1.8	1.3	.8	.9	.7	-	2.7
2831	BIOLOGICAL PRODUCTS. . . . .	.7	.9	-	-	-	.2	(Z)	-	-	-	-
2833	MEDICINALS AND BOTANICALS. . . . .	39.6	.9	-	-	.6	-	.3	-	-	-	-
2834	PHARMACEUTICAL PREPARATIONS. . . . .	29.1	4.0	-	-	1.1	1.1	.5	.8	.7	-	2.4
284	SOAP, CLEANERS, AND TOILET GOODS . . . . .	32.0	6.1	-	-	-	.8	.5	.6	.4	-	4.1
2841	SOAP AND OTHER DETERGENTS. . . . .	20.5	5.4	-	-	-	.5	.4	.4	-	-	-
2842	POLISHES AND SANITATION GOODS. . . . .	1.0	(Z)	-	-	-	(Z)	(Z)	-	-	-	-
2843	SURFACE ACTIVE AGENTS. . . . .	9.8	.3	-	-	-	.2	.1	.1	.1	-	-
2844	TOILET PREPARATIONS. . . . .	.8	.3	-	-	-	(Z)	.1	-	-	-	-
2851	PAINTS AND ALLIED PRODUCTS . . . . .	6.8	.7	-	-	-	.5	(Z)	.1	-	-	-
2861	GUM AND WOOD CHEMICALS . . . . .	20.7	5.2	3.7	-	1.4	2.4	-	1.2	.6	-	-
287	AGRICULTURAL CHEMICALS . . . . .	131.3	24.6	-	8.0	3.9	1.6	2.3	9.3	7.1	-	-
2871	FERTILIZERS. . . . .	113.7	14.1	-	-	1.3	1.2	2.3	9.3	4.5	-	-
2872	FERTILIZERS, MIXING ONLY . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2879	AGRICULTURAL CHEMICALS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
289	MISCELLANEOUS CHEMICAL PRODUCTS. . . . .	212.6	40.7	10.0	33.9	32.8	3.9	1.5	4.3	18.2	12.2	8.6
2891	ADHESIVES AND GELATIN. . . . .	11.8	6.6	.6	4.5	2.2	.4	-	-	.2	-	-
2892	EXPLOSIVES . . . . .	152.3	30.2	-	29.3	29.8	2.0	-	-	18.0	-	-
2893	PRINTING INK . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2895	CARBON BLACK . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2899	CHEMICAL PREPARATIONS, NEC. . . . .	30.1	2.2	-	-	-	.3	.1	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS. . . . .	1 435.1	200.4	6.0	76.0	64.3	75.9	41.0	77.9	96.6	42.6	40.1
2911	PETROLEUM REFINING . . . . .	1 426.9	199.9	5.8	76.0	64.0	75.5	40.8	77.6	96.4	42.4	40.0
295	PAVING AND ROOFING MATERIALS . . . . .	7.5	.3	-	-	-	.2	-	.1	-	-	-
2951	PAVING MIXTURES AND BLOCKS . . . . .	.3	-	-	-	-	-	-	-	-	-	-
2952	ASPHALT FELTS AND COATINGS . . . . .	7.3	.3	-	-	-	.2	-	.1	-	-	-
299	MISC. PETROLEUM AND COAL PRODUCTS.	.6	.3	-	-	-	.2	-	.3	-	-	-
2992	LUBRICATING OILS AND GREASES . . . . .	.4	.3	-	-	-	.2	-	.3	-	-	-
2999	PETROLEUM AND COAL PRODUCTS, NEC. . . . .	.2	-	-	-	-	-	-	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC.	134.9	26.7	3.3	3.4	9.7	4.8	3.8	5.9	3.2	4.0	4.2
3011	TIRES AND INNER TUBES. . . . .	61.6	15.3	-	-	4.3	2.1	1.8	3.2	2.4	-	-
3021	RUBBER FOOTWEAR. . . . .	1.2	-	-	-	-	-	-	-	-	-	-
3031	RECLAIMED RUBBER . . . . .	1.7	-	-	-	-	-	-	-	-	-	-
3069	FABRICATED RUBBER PRODUCTS, NEC. . . . .	43.1	2.6	-	-	1.3	.8	.2	.6	.2	-	-
3079	MISCELLANEOUS PLASTICS PRODUCTS. . . . .	27.3	8.4	1.1	2.1	3.7	1.9	1.8	2.2	.5	1.7	.2
31	LEATHER AND LEATHER PRODUCTS . . . . .	15.8	3.2	.4	-	2.2	.3	-	.1	.1	-	-
3111	LEATHER TANNING AND FINISHING. . . . .	14.8	3.2	.4	-	2.2	.3	-	.1	.1	-	-
3121	INDUSTRIAL LEATHER BELTING . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
314	FOOTWEAR, EXCEPT RUBBER. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3141	SHOES, EXCEPT RUBBER . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3161	LUGGAGE. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
317	HANDBAGS, PERSONAL LEATHER GOODS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3172	PERSONAL LEATHER GOODS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS.	251.1	50.3	3.3	18.2	12.7	26.5	3.2	8.8	13.7	6.0	2.3
3211	FLAT GLASS . . . . .	37.5	10.4	-	6.8	3.0	.4	.1	1.6	6.9	1.8	-
322	GLASS, GLASSWARE, PRESSED OR BLOWN	15.5	4.2	-	.9	1.2	1.9	.1	2.2	1.9	.8	-
3221	GLASS CONTAINERS . . . . .	7.7	2.3	-	-	1.0	.9	(Z)	1.7	1.6	-	-
3229	PRESSED AND BLOWN GLASS, NEC. . . . .	7.8	1.9	-	-	.2	1.0	.1	.5	-	-	-
3231	PRODUCTS OF PURCHASED GLASS. . . . .	4.7	.5	-	-	-	.4	-	-	-	-	-
3241	CEMENT, HYDRAULIC. . . . .	118.4	8.9	.5	3.4	5.2	4.2	-	4.0	-	-	.2
325	STRUCTURAL CLAY PRODUCTS . . . . .	1.2	.1	-	-	-	-	-	-	-	-	-
3251	BRICK AND STRUCTURAL CLAY TILE . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3253	CERAMIC WALL AND FLOOR TILE. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3255	CLAY REFRACTORIES. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3259	STRUCTURAL CLAY PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
326	POTTERY AND RELATED PRODUCTS . . . . .	2.4	.2	-	-	-	.1	.1	.1	-	-	-
3261	VITREOUS PLUMBING FIXTURES . . . . .	1.2	(Z)	-	-	-	-	-	-	-	-	-
3262	VITREOUS CHINA FOOD UTENSILS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3263	FINE EARTHENWARE FOOD UTENSILS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3264	PORCELAIN ELECTRICAL SUPPLIES. . . . .	.7	.1	-	-	-	-	-	-	-	-	-
327	CONCRETE, GYPSUM, PLASTER PRODUCTS	17.5	1.1	-	(Z)	.3	.7	-	.3	(Z)	-	.3

See footnotes at end of table.

TABLE 6. Water Intake, Water Treated Prior to Use and Number of Establishments Treating Water Prior to Use by Type of Treatment: 1968—Continued

## A. INDUSTRY GROUPS AND INDUSTRIES—Continued

Code	Industry group and industry	Number of establishments treating intake water prior to use by type of treatment										No treatment performed
		Total	Aeration	Coagulation	Filtration	Softening	Ion exchange	Corrosion control	pH	Settling	Other	
282	PLASTICS MATERIALS AND SYNTHETICS.	153	6	51	71	101	84	60	65	32	21	40
2821	PLASTICS MATERIALS AND RESINS. . . . .	96	4	23	34	61	51	33	35	12	10	32
2822	SYNTHETIC RUBBER. . . . .	19	1	5	12	15	13	11	6	6	3	4
2823	CELLULOSIC MANMADE FIBERS. . . . .	17	-	12	14	13	4	7	11	8	4	1
2824	ORGANIC FIBERS, NONCELLULOSIC. . . . .	21	1	11	11	12	16	9	13	6	4	3
283	DRUGS. . . . .	54	4	4	16	37	31	16	7	1	10	21
2831	BIOLOGICAL PRODUCTS. . . . .	7	2	-	3	5	4	1	1	1	2	-
2833	MEDICINALS AND BOTANICALS. . . . .	7	-	1	4	3	4	2	-	-	-	9
2834	PHARMACEUTICAL PREPARATIONS. . . . .	40	2	3	9	29	23	13	6	-	8	12
284	SOAP, CLEANERS, AND TOILET GOODS . . . . .	48	1	1	3	33	24	13	8	2	5	17
2841	SOAP AND OTHER DETERGENTS. . . . .	20	1	1	1	15	6	5	3	2	1	7
2842	POLISHES AND SANITATION GOODS. . . . .	5	-	-	-	5	5	-	-	-	2	2
2843	SURFACE ACTIVE AGENTS. . . . .	12	-	-	1	8	4	5	4	-	-	7
2844	TOILET PREPARATIONS. . . . .	11	-	-	1	5	9	3	1	-	2	1
2851	PAINTS AND ALLIED PRODUCTS . . . . .	16	3	1	1	10	4	8	3	-	1	16
2861	GUM AND WOOD CHEMICALS . . . . .	11	4	-	4	7	2	6	5	-	1	3
287	AGRICULTURAL CHEMICALS . . . . .	43	1	6	9	28	17	14	12	3	2	17
2871	FERTILIZERS. . . . .	30	-	2	5	20	12	12	8	-	1	12
2872	FERTILIZERS, MIXING ONLY. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2879	AGRICULTURAL CHEMICALS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
289	MISCELLANEOUS CHEMICAL PRODUCTS. . . . .	53	8	10	16	37	13	8	10	6	4	51
2891	ADHESIVES AND GELATIN. . . . .	14	4	4	5	10	2	1	4	3	-	8
2892	EXPLOSIVES. . . . .	15	2	4	7	10	2	3	4	3	1	6
2893	PRINTING INK. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2895	CARBON BLACK. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2899	CHEMICAL PREPARATIONS, NEC. . . . .	19	2	-	2	13	8	3	1	-	2	20
29	PETROLEUM AND COAL PRODUCTS. . . . .	216	15	58	83	163	116	112	99	31	19	44
2911	PETROLEUM REFINING . . . . .	192	14	57	77	147	110	103	94	30	16	22
295	PAVING AND ROOFING MATERIALS . . . . .	19	-	1	3	12	3	5	3	-	2	18
2951	PAVING MIXTURES AND BLOCKS . . . . .	-	-	-	-	-	-	-	-	-	-	6
2952	ASPHALT FELTS AND COATINGS . . . . .	19	-	1	3	12	3	5	3	-	2	12
299	MISC. PETROLEUM AND COAL PRODUCTS. . . . .	5	1	-	3	4	3	4	2	1	1	4
2992	LUBRICATING OILS AND GREASES . . . . .	5	1	-	3	4	3	4	2	1	1	1
2999	PETROLEUM AND COAL PRODUCTS, NEC. . . . .	-	-	-	-	-	-	-	-	-	-	3
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	172	13	8	42	116	38	76	52	10	16	129
3011	TIRES AND INNER TUBES. . . . .	39	2	3	12	29	13	19	15	3	3	14
3021	RUBBER FOOTWEAR. . . . .	3	1	-	1	2	-	1	2	1	1	4
3031	RECLAIMED RUBBER . . . . .	3	1	-	2	1	-	1	1	-	-	2
3069	FABRICATED RUBBER PRODUCTS, NEC. . . . .	62	2	-	9	45	8	27	13	1	3	46
3079	MISCELLANEOUS PLASTICS PRODUCTS. . . . .	65	7	5	18	39	17	28	21	5	9	63
31	LEATHER AND LEATHER PRODUCTS . . . . .	27	7	2	7	16	3	6	4	2	3	65
3111	LEATHER TANNING AND FINISHING. . . . .	26	7	2	6	15	3	6	4	2	3	49
3121	INDUSTRIAL LEATHER BELTING . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
314	FOOTWEAR, EXCEPT RUBBER. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3141	SHOES, EXCEPT RUBBER. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3161	LUGGAGE. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
317	HANDBAGS, PERSONAL LEATHER GOODS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3172	PERSONAL LEATHER GOODS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	234	14	25	54	135	54	68	44	21	23	352
3211	FLAT GLASS. . . . .	16	1	5	6	8	4	7	5	4	2	4
322	GLASS, GLASSWARE, PRESSED OR BLOWN . . . . .	47	2	4	9	35	15	17	11	4	3	56
3221	GLASS CONTAINERS . . . . .	23	2	2	5	19	6	11	8	2	-	37
3229	PRESSED AND BLOWN GLASS, NEC. . . . .	24	-	2	4	16	9	6	3	2	3	19
3231	PRODUCTS OF PURCHASED GLASS. . . . .	7	-	1	2	5	2	-	-	-	-	14
3241	CEMENT, HYDRAULIC. . . . .	42	7	7	17	21	3	11	2	3	4	100
325	STRUCTURAL CLAY PRODUCTS . . . . .	4	-	-	2	3	-	1	3	-	-	9
3251	BRICK AND STRUCTURAL CLAY TILE . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3253	CERAMIC WALL AND FLOOR TILE. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3255	CLAY REFRACTORIES. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3259	STRUCTURAL CLAY PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
326	POTTERY AND RELATED PRODUCTS . . . . .	13	-	-	3	4	5	4	3	-	3	10
3261	VITREOUS PLUMBING FIXTURES . . . . .	4	-	-	1	2	2	1	1	-	1	4
3262	VITREOUS CHINA FOOD UTENSILS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3263	FINE EARTHENWARE FOOD UTENSILS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3264	PORCELAIN ELECTRICAL SUPPLIES. . . . .	6	-	-	1	1	2	3	1	-	2	4
327	CONCRETE, GYPSUM, PLASTER PRODUCTS . . . . .	28	1	4	6	17	2	12	5	2	4	86

See footnotes at end of table.

TABLE 6. Water Intake, Water Treated Prior to Use and Number of Establishments Treating Water Prior to Use by Type of Treatment: 1968—Continued

## A. INDUSTRY GROUPS AND INDUSTRIES—Continued

Code	Industry group and industry	Water intake (billion gallons)										
		Total	Treated prior to use by type of treatment									
			Total	Aeration	Coagulation	Filtration	Softening	Ion exchange	Corrosion control	pH	Settling	Other
3271	CONCRETE BLOCK AND BRICK . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3272	CONCRETE PRODUCTS, NEC . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3273	READY-MIXED CONCRETE . . . . .	7.9	.4	-	-	-	-	-	-	-	-	-
3274	LIME . . . . .	4.9	-	-	-	-	-	-	-	-	-	-
3275	GYPSUM PRODUCTS . . . . .	4.3	.4	-	-	-	.3	-	.3	(Z)	-	-
3281	CUT STONE AND STONE PRODUCTS . . . . .	4.2	.4	-	-	-	-	-	-	-	-	-
329	MISC. NONMETALLIC MINERAL PRODUCTS . . . . .	49.6	24.5	-	6.8	2.4	18.8	2.4	.5	4.6	.6	1.3
3291	ABRASIVE PRODUCTS . . . . .	5.4	1.1	-	-	-	.1	.3	-	-	-	-
3292	ASBESTOS PRODUCTS . . . . .	8.0	1.3	-	-	-	.2	.1	.2	.2	-	.8
3293	GASKETS AND INSULATIONS . . . . .	2.7	.1	-	-	-	-	-	-	-	-	-
3295	MINERALS, GROUND OR TREATED . . . . .	22.6	17.1	-	-	-	-	-	-	-	-	-
3296	MINERAL WOOL . . . . .	6.5	2.1	-	-	-	1.8	1.9	-	-	-	-
3297	NONCLAY REFRACTORIES . . . . .	3.6	-	-	-	-	-	-	-	-	-	-
3299	NONMETALLIC MINERAL PRODUCTS, NEC . . . . .	.8	.6	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	5 004.7	970.9	16.8	88.1	99.6	73.9	22.1	114.9	158.9	240.0	550.9
331	BLAST FURNACE, BASIC STEEL PROD. . . . .	4 391.6	919.5	15.6	65.1	79.8	64.8	19.7	105.2	142.7	227.3	547.8
3312	BLAST FURNACES AND STEEL MILLS . . . . .	4 070.7	915.5	15.4	64.6	78.2	64.0	19.6	104.3	141.3	226.3	547.6
3313	ELECTROMETALLURGICAL PRODUCTS . . . . .	298.2	.9	-	.5	.4	.1	-	.4	-	-	-
3319	STEEL WIRE AND RELATED PRODUCTS . . . . .	7.1	.5	-	-	-	.2	.2	.1	(Z)	-	-
3316	COLD FINISHING OF STEEL SHAPES . . . . .	8.3	2.0	-	-	.6	.4	-	.2	1.0	-	-
3317	STEEL PIPE AND TUBES . . . . .	7.3	.6	-	-	-	.1	-	-	-	-	-
332	IRON AND STEEL FOUNDRIES . . . . .	48.7	6.6	-	-	3.0	.6	-	.9	(Z)	1.9	-
3321	GRAY IRON FOUNDRIES . . . . .	36.4	3.8	-	-	3.0	.4	-	.3	-	-	-
3322	MALLEABLE IRON FOUNDRIES . . . . .	6.0	2.3	-	-	-	.1	-	.4	-	-	-
3323	STEEL FOUNDRIES . . . . .	6.3	.4	-	-	-	.1	-	.2	-	-	-
333	PRIMARY NONFERROUS METALS . . . . .	442.2	19.1	.4	12.3	7.7	3.3	1.0	5.6	4.4	7.7	.3
3331	PRIMARY COPPER . . . . .	58.0	2.6	-	-	.4	1.3	.3	1.4	-	-	-
3332	PRIMARY LEAD . . . . .	7.2	-	-	-	-	-	-	-	-	-	-
3333	PRIMARY ZINC . . . . .	47.4	.8	-	-	-	.5	.3	-	-	-	-
3334	PRIMARY ALUMINUM . . . . .	204.9	13.6	-	9.9	6.6	.4	-	4.1	2.3	5.9	-
3339	PRIMARY NONFERROUS METALS, NEC . . . . .	124.7	2.1	-	-	-	1.1	-	-	-	-	-
3341	SECONDARY NONFERROUS METALS . . . . .	1.6	-	-	-	-	-	-	-	-	-	-
335	NONFERROUS ROLLING AND DRAWING . . . . .	96.7	22.5	.3	10.5	8.5	3.7	-	2.1	11.2	2.9	2.1
3351	COPPER ROLLING AND DRAWING . . . . .	38.1	9.4	-	3.5	6.7	.3	.2	.1	1.7	-	-
3352	ALUMINUM ROLLING AND DRAWING . . . . .	31.2	8.7	-	-	-	.2	.2	.9	6.5	-	-
3356	NONFERROUS ROLLING AND DRAWING, NEC . . . . .	11.6	.8	-	-	-	.3	-	-	-	-	-
3357	NONFERROUS WIREDRAWING, INSULATING . . . . .	15.7	3.6	-	-	.7	2.9	.3	.6	2.6	-	.2
336	NONFERROUS FOUNDRIES . . . . .	11.0	1.2	-	-	-	.4	.1	.5	.3	-	-
3361	ALUMINUM CASTINGS . . . . .	8.6	.8	-	-	-	.3	-	.5	-	-	-
3362	BRASS, BRONZE, AND COPPER CASTINGS . . . . .	.9	-	-	-	-	-	-	-	-	-	-
3369	NONFERROUS CASTINGS, NEC . . . . .	1.5	.3	-	-	-	-	-	-	-	-	-
339	MISC. PRIMARY METAL PRODUCTS . . . . .	12.9	1.9	-	-	-	1.1	.3	.6	.3	-	-
3391	IRON AND STEEL FORGINGS . . . . .	7.1	1.2	-	-	-	.9	-	.5	.2	-	-
3392	NONFERROUS FORGINGS . . . . .	2.1	.2	-	-	-	.2	-	-	-	-	-
3399	PRIMARY METAL PRODUCTS, NEC . . . . .	3.7	.5	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . . . .	67.7	6.7	.7	.7	1.1	2.4	.5	2.4	1.6	.3	.9
3411	METAL CANS . . . . .	1.9	.2	-	-	-	(Z)	-	.1	.1	-	-
342	CUTLERY, HANDTOOLS, AND HARDWARE . . . . .	16.7	1.2	.2	-	.3	.7	.3	.4	.3	-	-
3421	CUTLERY . . . . .	5.6	.1	-	-	-	-	-	-	-	-	-
3423	HAND AND EDGE TOOLS, NEC . . . . .	1.4	.2	-	-	-	.1	-	.1	.1	-	-
3425	HANDSAWS AND SAW BLADES . . . . .	.4	-	-	-	-	-	-	-	-	-	-
3429	HARDWARE, NEC . . . . .	9.3	.9	-	-	-	.5	.2	.3	.3	-	-
343	PLUMBING AND HEATING EXC. ELECTRIC . . . . .	4.6	.3	-	-	-	.1	-	.2	-	-	-
3431	METAL SANITARY WARE . . . . .	2.3	.2	-	-	-	-	-	-	-	-	-
3432	PLUMBING FITTINGS AND BRASS GOODS . . . . .	.9	(Z)	-	-	-	-	-	-	-	-	-
3433	HEATING EQUIPMENT, EXCEPT ELECTRIC . . . . .	1.4	(Z)	-	-	-	-	-	-	-	-	-
344	FABRICATED STRUCTURAL METAL PROD. . . . .	6.3	.6	-	-	.2	.2	(Z)	.1	(Z)	-	(Z)
3441	FABRICATED STRUCTURAL STEEL . . . . .	1.4	.2	-	-	-	(Z)	-	-	-	-	-
3442	METAL DOORS, SASH, AND TRIM . . . . .	1.4	.1	-	-	-	.1	-	-	-	-	-
3443	FABRICATED PLATEWORK (BOILER SHOPS) . . . . .	2.3	.2	-	-	-	(Z)	-	-	-	-	-
3444	SHEET METALWORK . . . . .	.7	.1	-	-	-	-	-	-	-	-	-
3446	ARCHITECTURAL METALWORK . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3449	MISCELLANEOUS METALWORK . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
345	SCREW MACHINE PRODUCTS, BOLTS, ETC . . . . .	5.5	.4	-	-	-	.3	-	.1	-	-	-
3451	SCREW MACHINE PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3452	BOLTS, NUTS, RIVETS, AND WASHERS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3461	METAL STAMPINGS . . . . .	14.1	1.7	.1	-	.1	.5	(Z)	1.0	.8	-	.4
347	METAL SERVICES, NEC . . . . .	8.1	.6	-	-	-	.1	(Z)	-	-	-	-
3471	PLATING AND POLISHING . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3479	METAL COATING AND ALLIED SERVICES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3481	MISC. FABRICATED WIRE PRODUCTS . . . . .	1.4	(Z)	-	-	-	-	-	-	-	-	-
349	MISC. FABRICATED METAL PRODUCTS . . . . .	9.2	1.6	-	-	.4	.5	.1	.5	.3	-	.4
3491	METAL BARRELS, DRUMS, AND PAILS . . . . .	.5	(Z)	-	-	-	-	-	-	-	-	-
3492	SAFES AND VAULTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3493	STEEL SPRINGS . . . . .	.5	-	-	-	-	-	-	-	-	-	-
3494	VALVES AND PIPE FITTINGS . . . . .	4.5	.5	-	-	-	.1	-	.2	-	-	-
3496	COLLAPSIBLE TUBES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.



TABLE 6. Water Intake, Water Treated Prior to Use and Number of Establishments Treating Water Prior to Use by Type of Treatment: 1968—Continued

## A. INDUSTRY GROUPS AND INDUSTRIES—Continued

Code	Industry group and industry	Number of establishments treating intake water prior to use by type of treatment										No treatment performed
		Total	Aeration	Coagulation	Filtration	Softening	Ion exchange	Corrosion control	pH	Settling	Other	
3271	CONCRETE BLOCK AND BRICK . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3272	CONCRETE PRODUCTS, NEC . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3273	READY-MIXED CONCRETE . . . . .	4	-	-	2	-	-	-	-	2	1	38
3274	LIME . . . . .	3	-	-	-	2	-	1	1	-	1	20
3275	GYPSUM PRODUCTS . . . . .	20	1	3	3	14	2	10	4	-	2	23
3281	CUT STONE AND STONE PRODUCTS . . . . .	5	-	-	1	1	-	-	-	3	-	12
329	MISC. NONMETALLIC MINERAL PRODUCTS . . . . .	72	3	4	8	41	23	16	15	5	7	61
3291	ABRASIVE PRODUCTS . . . . .	12	-	1	1	5	4	3	3	1	2	8
3292	ASBESTOS PRODUCTS . . . . .	27	1	-	1	15	11	9	8	1	5	13
3293	GASKETS AND INSULATIONS . . . . .	4	-	-	-	2	2	1	1	-	-	13
3295	MINERALS, GROUND OR TREATED . . . . .	6	1	2	2	3	-	-	-	2	-	13
3296	MINERAL WOOL . . . . .	16	1	1	3	14	5	2	1	-	-	12
3297	NONCLAY REFRACTORIES . . . . .	3	1	-	-	1	1	-	1	-	-	4
3299	NONMETALLIC MINERAL PRODUCTS, NEC . . . . .	4	-	-	1	1	-	1	1	1	-	2
33	PRIMARY METAL INDUSTRIES . . . . .	421	33	77	130	277	83	157	121	52	44	420
331	BLAST FURNACE, BASIC STEEL PROD. . . . .	190	18	52	83	140	35	70	68	35	20	118
3312	BLAST FURNACES AND STEEL MILLS . . . . .	139	14	45	70	109	28	49	54	33	16	60
3313	ELECTROMETALLURGICAL PRODUCTS . . . . .	7	1	4	4	4	-	4	3	-	2	13
3315	STEEL WIRE AND RELATED PRODUCTS . . . . .	20	1	1	3	10	5	11	6	1	2	22
3316	COLD FINISHING OF STEEL SHAPES . . . . .	14	2	-	4	10	-	5	5	1	-	10
3317	STEEL PIPE AND TUBES . . . . .	10	-	2	2	7	2	1	-	-	-	13
332	IRON AND STEEL FOUNDRIES . . . . .	38	2	-	5	15	2	20	4	4	3	98
3321	GRAY IRON FOUNDRIES . . . . .	17	-	-	5	5	1	8	1	2	1	51
3322	MALLEABLE IRON FOUNDRIES . . . . .	5	1	-	-	4	-	4	-	1	-	14
3323	STEEL FOUNDRIES . . . . .	16	1	-	-	6	1	8	3	1	2	33
333	PRIMARY NONFERROUS METALS . . . . .	48	4	14	20	33	11	18	9	6	6	30
3331	PRIMARY COPPER . . . . .	18	2	3	4	15	4	9	2	-	-	2
3332	PRIMARY LEAD . . . . .	3	-	-	1	2	-	1	-	-	-	4
3333	PRIMARY ZINC . . . . .	9	1	1	2	7	4	1	1	1	2	5
3334	PRIMARY ALUMINUM . . . . .	13	-	8	10	5	2	5	4	4	2	11
3339	PRIMARY NONFERROUS METALS, NEC . . . . .	5	1	2	3	4	1	2	2	1	1	8
3341	SECONDARY NONFERROUS METALS . . . . .	3	-	-	1	1	1	-	-	-	-	18
335	NONFERROUS ROLLING AND DRAWING . . . . .	89	6	9	15	54	22	30	26	5	9	80
3351	COPPER ROLLING AND DRAWING . . . . .	25	1	5	8	11	4	6	4	3	3	24
3352	ALUMINUM ROLLING AND DRAWING . . . . .	16	2	2	2	6	11	4	8	1	-	25
3356	NONFERROUS ROLLING AND DRAWING, NEC . . . . .	8	-	1	-	8	3	3	3	1	-	7
3357	NONFERROUS WIREDRAWING, INSULATING . . . . .	40	3	1	5	29	4	17	11	-	6	24
336	NONFERROUS FOUNDRIES . . . . .	19	1	1	3	9	5	7	5	2	3	33
3361	ALUMINUM CASTINGS . . . . .	10	1	1	1	5	3	4	3	1	1	21
3362	BRASS, BRONZE, AND COPPER CASTINGS . . . . .	3	-	-	1	1	-	2	1	1	-	7
3369	NONFERROUS CASTINGS, NEC . . . . .	6	-	-	1	3	2	1	1	-	2	5
339	MISC. PRIMARY METAL PRODUCTS . . . . .	34	2	1	3	25	7	12	9	-	3	43
3391	IRON AND STEEL FORGINGS . . . . .	22	1	1	2	18	2	8	6	-	2	12
3392	NONFERROUS FORGINGS . . . . .	5	1	-	-	4	2	2	1	-	-	3
3399	PRIMARY METAL PRODUCTS, NEC . . . . .	7	-	-	1	3	3	2	2	-	1	28
34	FABRICATED METAL PRODUCTS . . . . .	215	15	7	23	135	39	78	53	7	25	354
3411	METAL CANS . . . . .	10	1	-	1	4	1	4	4	-	1	18
342	CUTLERY, HANDTOOLS, AND HARDWARE . . . . .	39	4	-	5	28	11	18	14	2	2	37
3421	CUTLERY . . . . .	4	1	-	2	2	2	1	1	-	-	3
3423	HAND AND EDGE TOOLS, NEC . . . . .	9	1	-	6	1	4	4	1	1	1	10
3425	HANSAWS AND SAW BLADES . . . . .	-	-	-	-	-	-	-	-	-	-	3
3429	HARDWARE, NEC . . . . .	26	2	-	2	20	8	13	9	1	1	21
343	PLUMBING AND HEATING EXC. ELECTRIC . . . . .	12	1	-	2	4	2	4	1	-	3	26
3431	METAL SANITARY WARE . . . . .	4	1	-	1	2	1	1	-	-	1	9
3432	PLUMBING FITTINGS AND BRASS GOODS . . . . .	4	-	-	1	-	-	1	-	-	2	10
3433	HEATING EQUIPMENT, EXCEPT ELECTRIC . . . . .	4	-	-	-	2	1	2	1	-	-	7
344	FABRICATED STRUCTURAL METAL PRODUCTS . . . . .	32	-	3	5	17	5	4	4	2	5	29
3441	FABRICATED STRUCTURAL STEEL . . . . .	6	-	-	-	4	1	1	1	1	-	3
3442	METAL DOORS, SASH, AND TRIM . . . . .	9	-	-	2	5	2	1	2	1	3	4
3443	FABRICATED PLATEWORK (BOILER SHEDS) . . . . .	9	-	2	2	4	-	2	1	-	1	13
3444	SHEET METALWORK . . . . .	6	-	-	1	2	2	-	-	-	1	4
3446	ARCHITECTURAL METALWORK . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3449	MISCELLANEOUS METALWORK . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
345	SCREW MACHINE PRODUCTS, BOLTS, ETC . . . . .	17	1	-	1	13	-	6	1	1	2	32
3451	SCREW MACHINE PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3452	BOLTS, NUTS, RIVETS, AND WASHERS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3461	METAL STAMPINGS . . . . .	43	4	1	5	32	9	20	16	-	5	44
347	METAL SERVICES, NEC . . . . .	23	1	2	-	15	6	1	2	-	1	95
3471	PLATING AND POLISHING . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3479	METAL COATING AND ALLIED SERVICES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3481	MISC. FABRICATED WIRE PRODUCTS . . . . .	4	-	-	-	2	1	1	1	-	1	16
349	MISC. FABRICATED METAL PRODUCTS . . . . .	35	3	1	4	20	4	20	10	2	5	57
3491	METAL BARRELS, DRUMS, AND PAILS . . . . .	4	-	-	-	1	1	2	1	-	1	4
3492	SAFES AND VAULTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3493	STEEL SPRINGS . . . . .	-	-	-	-	-	-	-	-	-	-	5
3494	VALVES AND PIPE FITTINGS . . . . .	12	-	-	3	8	1	8	2	-	1	28
3496	COLLAPSIBLE TUBES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 6. Water Intake, Water Treated Prior to Use and Number of Establishments Treating Water Prior to Use by Type of Treatment: 1968—Continued

## A. INDUSTRY GROUPS AND INDUSTRIES—Continued

Code	Industry group and industry	Water intake (billion gallons)										
		Total	Treated prior to use by type of treatment									
			Total	Aeration	Coagulation	Filtration	Softening	Ion exchange	Corrosion control	pH	Settling	Other
3497	METAL FOIL AND LEAF . . . . .	1.6	.4	—	—	—	—	—	—	—	—	—
3498	FABRICATED PIPE AND FITTINGS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3499	FABRICATED METAL PRODUCTS, NEC . . . . .	1.7	.6	—	—	—	.3	—	.3	.2	—	—
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	189.0	17.3	.2	4.2	4.9	4.1	1.0	4.5	1.8	.9	4.3
351	ENGINES AND TURBINES . . . . .	85.9	2.6	—	.7	.9	1.0	.4	.9	.7	—	.3
3511	STEAM ENGINES AND TURBINES . . . . .	75.1	1.0	—	—	—	.6	—	—	—	—	—
3519	INTERNAL COMBUSTION ENGINES, NEC . . . . .	10.8	1.6	—	—	—	.3	.2	.7	.6	—	—
3522	FARM MACHINERY . . . . .	32.1	.6	—	—	.2	.4	.1	.1	—	—	.2
353	CONSTRUCTION AND RELATED MACHINERY . . . . .	20.7	7.3	—	—	3.0	.5	.1	1.6	.1	—	—
3531	CONSTRUCTION MACHINERY . . . . .	15.2	4.5	—	—	3.0	.3	.1	1.4	(Z)	—	—
3532	MINING MACHINERY . . . . .	.8	(Z)	—	—	—	—	—	—	—	—	—
3533	DILFIELD MACHINERY . . . . .	1.5	.3	—	—	—	—	—	—	—	—	—
3534	ELEVATORS AND MOVING STAIRWAYS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3535	CONVEYORS AND CONVEYING EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3536	HOLISTS, CRANES, AND MONORAILS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3537	INDUSTRIAL TRUCKS AND TRACTORS . . . . .	.4	—	—	—	—	—	—	—	—	—	—
354	METALWORKING MACHINERY . . . . .	7.1	.9	—	—	—	.3	(Z)	.2	.1	—	.3
3541	MACHINE TOOLS, METAL-CUTTING TYPES . . . . .	3.4	.4	—	—	—	.2	(Z)	(Z)	(Z)	—	—
3542	MACHINE TOOLS, METAL-FORMING TYPES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3544	SPECIAL DIES, TOOLS, JIGS, FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3545	MACHINE TOOL ACCESSORIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3548	METALWORKING MACHINERY, NEC . . . . .	1.9	.4	—	—	—	.1	—	—	—	—	—
355	SPECIAL INDUSTRY MACHINERY . . . . .	7.1	.4	—	—	—	(Z)	—	.1	.1	—	—
3551	FOOD PRODUCTS MACHINERY . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3552	TEXTILE MACHINERY . . . . .	2.3	—	—	—	—	—	—	—	—	—	—
3553	WOODWORKING MACHINERY . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3554	PAPER INDUSTRIES MACHINERY . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3555	PRINTING TRADES MACHINERY . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3559	SPECIAL INDUSTRY MACHINERY, NEC . . . . .	3.9	.1	—	—	—	—	—	—	—	—	—
356	GENERAL INDUSTRIAL MACHINERY . . . . .	12.3	2.6	—	—	.2	.8	.2	.5	.2	—	.8
3561	PUMPS AND COMPRESSORS . . . . .	2.9	.3	—	—	—	.3	—	—	—	—	—
3562	BALL AND ROLLER BEARINGS . . . . .	5.4	1.6	—	—	.1	.2	—	.2	—	—	—
3564	BLOWERS AND FANS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3566	POWER TRANSMISSION EQUIPMENT . . . . .	2.7	.6	—	—	—	.3	—	.2	—	—	—
3567	INDUSTRIAL FURNACES AND OVENS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3569	GENERAL INDUSTRIAL MACHINERY, NEC . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
357	OFFICE AND COMPUTING MACHINES . . . . .	13.4	1.2	—	—	—	.4	.1	.5	.2	—	—
3572	TYPEWRITERS . . . . .	.4	.4	—	—	—	—	—	—	—	—	—
3573	ELECTRONIC COMPUTING EQUIPMENT . . . . .	10.5	.8	—	—	—	.1	.1	.2	—	—	—
3574	CALCULATING AND ACCOUNTING MACHINES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3576	SCALES AND BALANCES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3579	OFFICE MACHINES, NEC . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
358	SERVICE INDUSTRY MACHINES . . . . .	6.5	.6	—	—	—	.4	(Z)	.2	.1	—	—
3581	AUTOMATIC MERCHANDISING MACHINES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3582	COMMERCIAL LAUNDRY EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3585	REFRIGERATION MACHINERY . . . . .	5.7	.5	—	—	—	.3	(Z)	.2	.1	—	—
3586	MEASURING AND DISPENSING PUMPS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3589	SERVICE INDUSTRY MACHINES, NEC . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3599	MISC. MACHINERY, EXCEPT ELECTRICAL . . . . .	4.0	1.2	—	—	—	.2	—	—	—	—	—
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	126.6	20.1	.7	2.5	7.7	8.4	5.1	4.0	2.7	.4	1.6
361	ELECTRIC TEST, DISTRIBUTING EQUIP. . . . .	10.9	.7	—	—	.2	.5	.1	.1	—	—	—
3611	ELECTRIC MEASURING INSTRUMENTS . . . . .	1.9	.2	—	—	—	—	—	—	—	—	—
3612	TRANSFORMERS . . . . .	4.8	.1	—	—	—	.1	—	—	—	—	—
3613	SWITCHGEAR AND SWITCHBOARD APPARATUS . . . . .	4.3	.5	—	—	—	.4	—	(Z)	—	—	—
362	ELECTRICAL INDUSTRIAL APPARATUS . . . . .	18.4	2.9	—	—	.8	.5	.1	.3	.5	—	—
3621	MOTORS AND GENERATORS . . . . .	10.8	1.8	—	—	—	.4	—	.1	.4	—	—
3622	INDUSTRIAL CONTROLS . . . . .	2.7	.1	—	—	—	—	—	—	—	—	—
3623	WELDING APPARATUS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3624	CARBON AND GRAPHITE PRODUCTS . . . . .	3.0	.3	—	—	—	—	—	—	—	—	—
3629	ELECTRICAL INDUSTRIAL APPARATUS, NEC . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
363	HOUSEHOLD APPLIANCES . . . . .	25.1	1.7	—	—	—	.8	.6	.1	.2	—	—
3631	HOUSEHOLD COOKING EQUIPMENT . . . . .	.9	.1	—	—	—	—	—	—	—	—	—
3632	HOUSEHOLD REFRIGERATORS AND FREEZERS . . . . .	13.1	.9	—	—	—	—	—	—	.1	—	—
3633	HOUSEHOLD LAUNDRY EQUIPMENT . . . . .	3.2	.2	—	—	—	.1	—	—	—	—	—
3634	ELECTRIC HOUSEWARES AND FANS . . . . .	4.2	.4	—	—	—	.2	(Z)	.1	.1	—	—
3635	HOUSEHOLD VACUUM CLEANERS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3636	SEWING MACHINES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3639	HOUSEHOLD APPLIANCES, NEC . . . . .	1.1	—	—	—	—	—	—	—	—	—	—
364	ELECT. LIGHTING, AND WIRING EQUIP. . . . .	8.3	1.1	—	—	—	.8	.3	.1	.3	—	—
3641	ELECTRIC LAMPS . . . . .	1.7	.5	—	—	—	.3	.1	(Z)	—	—	—
3642	LIGHTING FIXTURES . . . . .	3.0	.6	—	—	—	—	—	—	—	—	—
3643	CURRENT-CARRYING WIRING DEVICES . . . . .	1.8	(Z)	—	—	—	(Z)	—	—	—	—	—
3644	NONCURRENT-CARRYING WIRING DEVICES . . . . .	1.9	.1	—	—	—	.1	—	—	—	—	—
365	RADIO AND TV RECEIVING EQUIPMENT . . . . .	4.2	.6	—	—	—	.5	.4	.4	.2	—	—
3651	RADIO AND TV RECEIVING SETS . . . . .	2.7	.4	—	—	—	.4	.3	—	—	—	—
3652	PHONOGRAPH RECORDS . . . . .	1.5	.2	—	—	—	.2	—	.2	—	—	—
366	COMMUNICATION EQUIPMENT . . . . .	22.7	4.5	—	—	1.7	1.9	.8	1.7	.8	—	—
3661	TELEPHONE AND TELEGRAPH APPARATUS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3662	RADIO AND TV COMMUNICATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
367	ELECTRONIC COMPONENTS, ACCESSORIES . . . . .	21.1	7.9	.3	.9	4.1	3.0	2.7	1.2	.5	—	.1

See footnotes at end of table.



TABLE 6. Water Intake, Water Treated Prior to Use and Number of Establishments Treating Water Prior to Use by Type of Treatment: 1968—Continued

## A. INDUSTRY GROUPS AND INDUSTRIES—Continued

Code	Industry group and industry	Number of establishments treating intake water prior to use by type of treatment										No treatment performed
		Total	Aeration	Coagulation	Filtration	Softening	Ion exchange	Corrosion control	pH	Settling	Other	
3497	METAL FOIL AND LEAF . . . . .	5	—	—	—	2	1	2	1	—	2	5
3498	FABRICATED PIPE AND FITTINGS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3499	FABRICATED METAL PRODUCTS, NEC . . . . .	10	2	1	1	6	1	6	5	1	1	11
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	219	12	14	31	140	54	93	51	4	28	252
351	ENGINES AND TURBINES . . . . .	23	1	4	6	16	8	11	7	—	4	14
3511	STEAM ENGINES AND TURBINES . . . . .	7	1	3	3	5	3	3	1	—	3	4
3519	INTERNAL COMBUSTION ENGINES, NEC . . . . .	16	—	1	3	11	5	8	6	—	1	10
3522	FARM MACHINERY . . . . .	20	1	2	6	16	4	5	3	—	5	17
353	CONSTRUCTION AND RELATED MACHINERY . . . . .	35	3	3	5	26	7	15	9	1	3	39
3531	CONSTRUCTION MACHINERY . . . . .	22	3	3	4	18	5	9	7	1	1	14
3532	MINING MACHINERY . . . . .	4	—	—	1	3	2	3	—	—	—	4
3533	DILFIELD MACHINERY . . . . .	4	—	—	—	2	—	2	1	—	1	7
3534	ELEVATORS AND MOVING STAIRWAYS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3535	CONVEYORS AND CONVEYING EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3536	HOISTS, CRANES, AND MONORAILS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3537	INDUSTRIAL TRUCKS AND TRACTORS . . . . .	3	—	—	—	2	—	1	1	—	—	4
354	METALWORKING MACHINERY . . . . .	30	2	2	2	13	5	13	9	—	5	39
3541	MACHINE TOOLS, METAL-CUTTING TYPES . . . . .	15	1	1	—	7	5	5	4	—	2	10
3542	MACHINE TOOLS, METAL-FORMING TYPES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3544	SPECIAL DIES, TOOLS, JIGS, FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3545	MACHINE TOOL ACCESSORIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3548	METALWORKING MACHINERY, NEC . . . . .	8	—	—	—	4	—	3	3	—	3	8
355	SPECIAL INDUSTRY MACHINERY . . . . .	11	—	—	1	4	3	6	4	—	—	28
3551	FOOD PRODUCTS MACHINERY . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3552	TEXTILE MACHINERY . . . . .	3	—	—	1	—	1	2	—	—	—	6
3553	WOODWORKING MACHINERY . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3554	PAPER INDUSTRIES MACHINERY . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3555	PRINTING TRADES MACHINERY . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3559	SPECIAL INDUSTRY MACHINERY, NEC . . . . .	4	—	—	—	2	2	3	2	—	—	11
356	GENERAL INDUSTRIAL MACHINERY . . . . .	42	3	—	8	29	6	17	7	3	7	54
3561	PUMPS AND COMPRESSORS . . . . .	10	—	—	1	10	3	3	3	—	2	22
3562	BALL AND ROLLER BEARINGS . . . . .	16	1	—	6	8	2	8	2	2	3	16
3564	BLOWERS AND FANS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3566	POWER TRANSMISSION EQUIPMENT . . . . .	12	2	—	1	8	1	4	2	1	2	7
3567	INDUSTRIAL FURNACES AND OVENS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3569	GENERAL INDUSTRIAL MACHINERY, NEC . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
357	OFFICE AND COMPUTING MACHINES . . . . .	23	1	2	3	12	13	12	4	—	1	20
3572	TYPEWRITERS . . . . .	4	—	1	—	3	1	2	1	—	—	4
3573	ELECTRONIC COMPUTING EQUIPMENT . . . . .	14	1	1	3	8	11	7	2	—	—	8
3574	CALCULATING AND ACCOUNTING MACHINES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3576	SCALES AND BALANCES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3579	OFFICE MACHINES, NEC . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
358	SERVICE INDUSTRY MACHINES . . . . .	26	1	1	—	20	6	11	5	—	1	24
3581	AUTOMATIC MERCHANDISING MACHINES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3582	COMMERCIAL LAUNDRY EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3585	REFRIGERATION MACHINERY . . . . .	17	—	—	—	13	5	9	4	—	1	15
3586	MEASURING AND DISPENSING PUMPS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3589	SERVICE INDUSTRY MACHINES, NEC . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3599	MISC. MACHINERY, EXCEPT ELECTRICAL . . . . .	9	—	—	—	4	2	3	3	—	2	17
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	292	10	21	63	167	138	103	72	5	18	270
361	ELECTRIC TEST, DISTRIBUTING EQUIP. . . . .	19	—	—	4	11	4	12	3	—	2	34
3611	ELECTRIC MEASURING INSTRUMENTS . . . . .	5	—	—	1	1	2	2	1	—	—	10
3612	TRANSFORMERS . . . . .	6	—	—	2	4	1	3	—	—	1	10
3613	SWITCHGEAR AND SWITCHBOARD APPARATUS . . . . .	8	—	—	1	6	1	7	2	—	1	14
362	ELECTRICAL INDUSTRIAL APPARATUS . . . . .	37	1	1	5	23	6	16	12	1	3	39
3621	MOTORS AND GENERATORS . . . . .	20	1	—	1	15	2	7	8	—	3	16
3622	INDUSTRIAL CONTROLS . . . . .	5	—	—	—	3	1	3	1	—	—	8
3623	WELDING APPARATUS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3624	CARBON AND GRAPHITE PRODUCTS . . . . .	6	—	—	1	3	1	2	—	—	—	9
3629	ELECTRICAL INDUSTRIAL APPARATUS, NEC . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
363	HOUSEHOLD APPLIANCES . . . . .	31	—	—	2	20	17	7	11	—	2	36
3631	HOUSEHOLD COOKING EQUIPMENT . . . . .	5	—	—	—	3	3	1	4	—	—	3
3632	HOUSEHOLD REFRIGERATORS AND FREEZERS . . . . .	5	—	—	1	2	3	—	—	—	—	6
3633	HOUSEHOLD LAUNDRY EQUIPMENT . . . . .	6	—	—	—	4	3	—	1	—	1	5
3634	ELECTRIC HOUSEWARES AND FANS . . . . .	8	—	—	—	6	4	5	4	—	—	14
3635	HOUSEHOLD VACUUM CLEANERS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3636	SEWING MACHINES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3639	HOUSEHOLD APPLIANCES, NEC . . . . .	3	—	—	—	1	1	1	1	—	—	6
364	ELECT. LIGHTING, AND WIRING EQUIP. . . . .	29	2	1	2	19	13	7	5	—	—	44
3641	ELECTRIC LAMPS . . . . .	12	1	—	1	5	9	4	2	—	—	9
3642	LIGHTING FIXTURES . . . . .	4	1	1	1	3	2	—	1	—	—	17
3643	CURRENT-CARRYING WIRING DEVICES . . . . .	6	—	—	—	4	2	2	1	—	—	12
3644	NONCURRENT-CARRYING WIRING DEVICES . . . . .	7	—	—	—	7	—	1	1	—	—	6
365	RADIO AND TV RECEIVING EQUIPMENT . . . . .	15	—	1	3	11	6	9	6	—	—	19
3651	RADIO AND TV RECEIVING SETS . . . . .	7	—	—	2	5	4	3	3	—	—	13
3652	PHONOGRAPH RECORDS . . . . .	8	—	1	1	6	2	6	3	—	—	6
366	COMMUNICATION EQUIPMENT . . . . .	59	2	3	10	34	27	27	16	1	2	29
3661	TELEPHONE AND TELEGRAPH APPARATUS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3662	RADIO AND TV COMMUNICATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
367	ELECTRONIC COMPONENTS, ACCESSORIES . . . . .	70	4	14	31	28	53	16	12	1	8	38

See footnotes at end of table.



TABLE 6. Water Intake, Water Treated Prior to Use and Number of Establishments Treating Water Prior to Use by Type of Treatment: 1968—Continued

## A. INDUSTRY GROUPS AND INDUSTRIES—Continued

Code	Water use region and major industry group	Water intake (billion gallons)										
		Total	Treated prior to use by type of treatment									
			Total	Aeration	Coagulation	Filtration	Softening	Ion exchange	Corrosion control	pH	Settling	Other
3671	ELECTRON TUBES, RECEIVING TYPE . . . .	1.0	.1	-	-	-	-	.1	-	-	-	-
3672	CATHODE RAY PICTURE TUBES. . . . .	2.9	2.6	-	-	-	1.1	.5	-	-	-	-
3673	ELECTRON TUBES, TRANSMITTING . . . .	1.5	.6	-	-	.3	-	.1	-	-	-	-
3674	SEMICONDUCTORS . . . . .	6.5	1.9	-	.7	.9	.7	1.3	-	-	-	-
3679	ELECTRONIC COMPONENTS, NEC . . . . .	9.1	2.7	-	-	2.3	.8	.7	.1	.2	-	.1
369	MISC. ELECTRICAL EQUIP., SUPPLIES. . .	16.0	.6	-	-	.2	.4	.2	.1	.1	-	-
3691	STORAGE BATTERIES. . . . .	2.8	.1	-	-	-	.1	.1	-	-	-	-
3692	PRIMARY BATTERIES, DRY AND WET. . . .	.6	.2	-	-	-	.1	-	.1	-	-	-
3693	X-RAY APPARATUS AND TUBES. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3694	ENGINE ELECTRICAL EQUIPMENT. . . . .	4.9	.2	-	-	-	.2	.1	-	-	-	-
3699	ELECTRICAL EQUIPMENT, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	312.8	38.6	1.4	7.9	24.6	13.5	1.5	12.0	8.2	1.1	1.6
371	MOTOR VEHICLES AND EQUIPMENT . . . .	143.3	24.0	.3	-	15.2	7.5	.7	6.3	2.3	-	.8
3711	MOTOR VEHICLES . . . . .	31.2	5.2	-	-	.6	1.4	.4	2.5	1.5	-	.7
3712	PASSENGER CAR BODIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3713	TRUCK AND BUS BODIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3714	MOTOR VEHICLE PARTS AND ACCESSORIES. .	106.2	18.1	.1	-	14.6	5.9	.2	3.4	.2	-	.2
3715	TRUCK TRAILERS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
372	AIRCRAFT AND PARTS . . . . .	142.9	13.5	1.1	4.6	9.3	5.5	.7	5.0	5.7	-	.8
3721	AIRCRAFT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3722	AIRCRAFT ENGINES AND ENGINE PARTS. . .	101.8	9.4	-	-	8.7	4.4	.4	3.1	4.3	-	-
3723	AIRCRAFT PROPELLERS AND PARTS. . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3729	AIRCRAFT EQUIPMENT, NEC. . . . .	11.6	1.5	-	-	.5	.5	.2	.7	.7	-	.2
373	SHIP AND BOAT BUILDING, REPAIRING. . .	19.1	.3	-	-	-	.2	-	.1	.1	-	-
3731	SHIP BUILDING AND REPAIRING. . . . .	19.1	.3	-	-	-	.2	-	.1	.1	-	-
374	RAILROAD EQUIPMENT . . . . .	6.1	.8	-	-	-	.3	-	.5	-	-	-
3741	LOCOMOTIVES AND PARTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3742	RAILROAD AND STREET CARS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3751	MOTORCYCLES, BICYCLES, AND PARTS . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
379	MISC. TRANSPORTATION EQUIPMENT . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3799	TRANSPORTATION EQUIPMENT, NEC. . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
38	INSTRUMENTS AND RELATED PRODUCTS . .	37.6	15.6	-	12.5	14.1	1.6	.9	1.0	1.5	-	.2
3811	ENGINEERING, SCIENTIFIC INSTRUMENTS. .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
382	MECHAN. MEASURING, CONTROL DEVICES . .	4.8	.6	-	-	-	.5	.5	.5	-	-	.1
3821	MECHANICAL MEASURING DEVICES . . . .	3.0	.1	-	-	-	.1	-	.1	-	-	-
3822	AUTOMATIC TEMPERATURE CONTROLS . . .	1.8	.5	-	-	-	.5	.4	-	-	-	-
3831	OPTICAL INSTRUMENTS AND LENSES . . . .	.4	.1	-	-	-	-	-	(2)	-	-	-
384	MEDICAL INSTRUMENTS AND SUPPLIES . .	2.6	.4	-	-	-	.3	.2	-	-	-	-
3841	SURGICAL AND MEDICAL INSTRUMENTS . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3842	SURGICAL APPLIANCES AND SUPPLIES . . .	2.0	.4	-	-	-	.3	-	-	-	-	-
3843	DENTAL EQUIPMENT AND SUPPLIES. . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3851	OPHTHALMIC GOODS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3861	PHOTOGRAPHIC EQUIPMENT AND SUPPLIES. .	18.1	12.9	-	12.1	12.5	.7	.2	.4	1.1	-	-
387	WATCHES, CLOCKS, AND WATCHCASES. . .	2.2	1.3	-	-	-	-	-	-	-	-	-
3871	WATCHES AND CLOCKS . . . . .	2.2	1.3	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . . .	14.4	2.3	-	-	1.0	.3	.1	.8	.3	-	-
391	JEWELRY, SILVERWARE, PLATED WARE . . .	5.0	.2	-	-	-	-	-	-	-	-	-
3911	JEWELRY, PRECIOUS METAL. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3912	JEWELERS' FINDINGS AND MATERIALS . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3914	SILVERWARE AND PLATED WARE . . . . .	4.8	.2	-	-	-	-	-	-	-	-	-
3931	MUSICAL INSTRUMENTS AND PARTS. . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
394	TOYS AND SPORTING GOODS. . . . .	2.9	.7	-	-	-	.1	(2)	-	-	-	-
3941	GAMES AND TOYS . . . . .	.9	.5	-	-	-	-	-	-	-	-	-
3943	CHILDREN'S VEHICLES, EXCEPT BICYCLES .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3949	SPORTING AND ATHLETIC GOODS, NEC . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
395	PENS, PENCILS, OFFICE, ART GOODS . . . .	.9	.1	-	-	-	-	-	-	-	-	-
3951	PENS AND MECHANICAL PENCILS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3952	LEAD PENCILS AND ART GOODS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3955	CARBON PAPER AND INKED RUBBINGS . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
396	COSTUME JEWELRY AND NOTIONS. . . . .	1.7	(2)	-	-	-	-	-	(2)	-	-	-
3961	COSTUME JEWELRY. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3962	ARTIFICIAL FLOWERS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3963	BUTTONS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3964	NEEDLES, PINS, AND FASTENERS . . . . .	1.1	(2)	-	-	-	-	-	(2)	-	-	-
399	MISCELLANEOUS MANUFACTURES . . . . .	3.5	1.3	-	-	-	.1	-	-	-	-	-
3993	SIGNS AND ADVERTISING DISPLAYS . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3994	PHOTOCOPIERS' GOODS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3996	HARD SURFACE FLOOR COVERINGS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3999	MANUFACTURES, NEC. . . . .	2.0	.1	-	-	-	(2)	-	-	-	-	-

Note: Detailed figures may not add to totals because of independent rounding. The figures shown for industry groups include data for all component industries whether or not separate figures are shown for the individual industries in the group.

TABLE 6. Water Intake, Water Treated Prior to Use and Number of Establishments Treating Water Prior to Use by Type of Treatment: 1968—Continued

## A. INDUSTRY GROUPS AND INDUSTRIES—Continued

Code	Industry group and industry	Number of establishments treating intake water prior to use by type of treatment										No treatment performed
		Total	Aeration	Coagulation	Filtration	Softening	Ion exchange	Corrosion control	pH	Settling	Other	
3671	ELECTRON TUBES, RECEIVING TYPE . . .	6	-	1	1	1	5	1	2	-	1	3
3672	CATHODE RAY PICTURE TUBES . . . . .	7	-	1	2	4	7	3	1	-	-	3
3673	ELECTRON TUBES, TRANSMITTING . . . .	5	-	1	4	3	4	-	1	-	-	-
3674	SEMICONDUCTORS . . . . .	24	2	8	13	8	23	2	1	-	1	2
3679	ELECTRONIC COMPONENTS, NEC . . . . .	28	2	3	11	12	14	10	7	1	6	30
369	MISC. ELECTRICAL EQUIP., SUPPLIES . .	32	1	1	6	21	12	9	7	2	1	31
3691	STORAGE BATTERIES . . . . .	10	1	-	-	7	5	2	2	-	-	16
3692	PRIMARY BATTERIES, DRY AND WET . . .	7	-	1	2	4	1	4	3	2	1	4
3693	X-RAY APPARATUS AND TUBES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3694	ENGINE ELECTRICAL EQUIPMENT . . . . .	10	-	-	1	8	4	3	2	-	-	7
3699	ELECTRICAL EQUIPMENT, NEC . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	215	12	9	28	126	63	102	67	6	18	177
371	MOTOR VEHICLES AND EQUIPMENT . . . .	121	6	3	13	74	37	62	40	3	9	96
3711	MOTOR VEHICLES . . . . .	41	1	-	4	22	18	29	18	1	4	12
3712	PASSENGER CAR BODIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3713	TRUCK AND BUS BODIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3714	MOTOR VEHICLE PARTS AND ACCESSORIES .	66	4	3	9	46	13	22	15	2	5	73
3715	TRUCK TRAILERS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
372	AIRCRAFT AND PARTS . . . . .	65	5	5	14	31	24	26	19	3	8	49
3721	AIRCRAFT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3722	AIRCRAFT ENGINES AND ENGINE PARTS . .	19	3	3	8	9	6	6	6	2	2	22
3723	AIRCRAFT PROPELLERS AND PARTS . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3729	AIRCRAFT EQUIPMENT, NEC . . . . .	27	1	2	4	10	10	10	8	1	5	17
373	SHIP AND BOAT BUILDING, REPAIRING . .	12	1	-	1	8	2	5	4	-	1	20
3731	SHIP BUILDING AND REPAIRING . . . . .	12	1	-	1	8	2	5	4	-	1	20
374	RAILROAD EQUIPMENT . . . . .	15	-	1	-	11	-	7	3	-	-	5
3741	LOCOMOTIVES AND PARTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3742	RAILROAD AND STREET CARS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3751	MOTORCYCLES, BICYCLES, AND PARTS . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
379	MISC. TRANSPORTATION EQUIPMENT . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3799	TRANSPORTATION EQUIPMENT, NEC . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
38	INSTRUMENTS AND RELATED PRODUCTS	58	3	8	17	36	26	22	13	1	8	49
3811	ENGINEERING, SCIENTIFIC INSTRUMENTS .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
382	MECHAN. MEASURING, CONTROL DEVICES	17	1	1	2	11	6	6	2	-	4	15
3821	MECHANICAL MEASURING DEVICES . . . .	8	-	-	1	5	2	4	2	-	2	9
3822	AUTOMATIC TEMPERATURE CONTROLS . . .	9	1	1	1	6	4	2	-	-	2	6
3831	OPTICAL INSTRUMENTS AND LENSES . . . .	5	-	-	2	3	3	4	3	-	1	1
384	MEDICAL INSTRUMENTS AND SUPPLIES . .	11	1	-	-	9	4	3	2	-	1	9
3841	SURGICAL AND MEDICAL INSTRUMENTS . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3842	SURGICAL APPLIANCES AND SUPPLIES . . .	8	-	-	-	7	3	2	1	-	1	5
3843	DENTAL EQUIPMENT AND SUPPLIES . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3851	OPHTHALMIC GOODS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3861	PHOTOGRAPHIC EQUIPMENT AND SUPPLIES .	18	1	6	10	11	9	9	4	1	1	8
387	WATCHES, CLOCKS, AND WATCHCASES . .	4	-	-	2	2	2	-	1	-	1	4
3871	WATCHES AND CLOCKS . . . . .	4	-	-	2	2	2	-	1	-	1	4
39	MISC. MANUFACTURING INDUSTRIES . . .	35	1	-	13	16	9	12	6	1	3	62
391	JEWELRY, SILVERWARE, PLATED WARE . .	4	1	-	3	1	-	-	1	-	-	11
3911	JEWELRY, PRECIOUS METAL . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3912	JEWELERS' FINDINGS AND MATERIALS . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3914	SILVERWARE AND PLATED WARE . . . . .	4	1	-	3	1	1	-	1	-	-	5
3931	MUSICAL INSTRUMENTS AND PARTS . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
394	TOYS AND SPORTING GOODS . . . . .	9	-	-	3	5	4	3	-	-	1	15
3941	GAMES AND TOYS . . . . .	4	-	-	1	2	1	1	-	-	1	4
3943	CHILDREN'S VEHICLES, EXCEPT BICYCLES	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3949	SPORTING AND ATHLETIC GOODS, NEC . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
395	PENS, PENCILS, OFFICE, ART GOODS . . .	5	-	-	2	2	1	2	2	1	-	6
3951	PENS AND MECHANICAL PENCILS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3952	LEAD PENCILS AND ART GOODS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3955	CARBON PAPER AND INKED RIBBONS . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
396	COSTUME JEWELRY AND NOTIONS . . . . .	6	-	-	2	1	-	4	2	-	2	13
3961	COSTUME JEWELRY . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3962	ARTIFICIAL FLOWERS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3963	BUTTONS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3964	NEEDLES, PINS, AND FASTENERS . . . . .	3	-	-	2	1	-	4	2	-	1	6
399	MISCELLANEOUS MANUFACTURES . . . . .	10	-	-	3	7	3	2	1	-	-	12
3993	SIGNS AND ADVERTISING DISPLAYS . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3994	MORTICIANS' GOODS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3996	HARD SURFACE FLOOR COVERINGS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3999	MANUFACTURES, NEC . . . . .	6	-	-	2	4	2	1	1	-	-	10

Standard notes: - Represents zero. (D) Withheld to avoid disclosing figures of individual companies. (Z) Less than 50 million gallons.



TABLE 6. Water Intake, Water Treated Prior to Use and Number of Establishments Treating Water Prior to Use by Type of Treatment: 1968

B. WATER USE REGIONS AND MAJOR INDUSTRY GROUPS

Code		Water use region and major industry group	Water intake (billion gallons)									
			Total	Treated prior to use by type of treatment								
				Total	Aeration	Coagulation	Filtration	Softening	Ion exchange	Corrosion control	pH	Settling
	UNITED STATES: TOTAL . . . . .	15 466.5	3 505.8	153.5	1 367.8	1 505.3	556.6	211.4	697.0	1 017.4	1 015.4	805.7
	NEW ENGLAND . . . . .	585.3	176.3	1.9	85.6	172.8	16.1	5.6	6.2	29.8	24.3	19.8
20	FOOD AND KINDRED PRODUCTS . . . . .	19.2	1.9	-	(Z)	.8	.1	-	.2	.2	-	-
22	TEXTILE MILL PRODUCTS . . . . .	20.0	4.9	-	.6	4.2	.8	-	.2	.6	-	.3
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	259.2	151.7	-	81.1	155.8	12.8	3.1	3.6	25.7	19.9	17.4
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	55.1	3.8	-	-	2.6	1.1	.4	.3	.6	-	-
29	PETROLEUM AND COAL PRODUCTS . . . . .	1.0	.1	-	-	-	-	-	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	21.8	2.6	-	-	.7	.2	-	.5	.1	-	-
31	LEATHER AND LEATHER PRODUCTS . . . . .	3.8	-	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	3.1	.2	-	-	-	-	-	.1	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	33.1	3.9	-	2.7	3.3	.3	-	.3	1.5	-	.2
34	FABRICATED METAL PRODUCTS . . . . .	10.7	.2	-	-	-	.1	-	.1	.1	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	29.9	.9	-	-	-	-	-	.1	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	11.7	1.4	-	(Z)	1.1	.2	.1	.2	.1	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	92.5	3.4	-	-	-	.1	-	.1	.2	-	-
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	11.4	.5	-	-	-	.1	-	-	.4	-	-
39	MISC. MANUFACTURING INDUSTRIES . . . . .	7.3	.4	-	-	.2	-	-	-	-	-	-
	DELAWARE AND HUDSON . . . . .	1 258.7	344.2	19.4	76.9	110.9	42.2	15.2	77.0	109.5	169.7	4.2
20	FOOD AND KINDRED PRODUCTS . . . . .	68.2	6.9	4.4	5.1	3.2	2.3	.7	1.4	2.4	-	.6
21	TOBACCO MANUFACTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
22	TEXTILE MILL PRODUCTS . . . . .	7.6	3.1	-	-	1.3	1.9	-	-	.2	-	-
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	80.7	53.2	-	26.2	49.1	1.3	.2	.2	8.1	18.4	1.1
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	321.9	103.9	6.2	20.4	28.9	10.8	3.3	59.8	77.8	13.9	1.1
29	PETROLEUM AND COAL PRODUCTS . . . . .	336.2	21.6	-	13.4	15.4	9.0	6.8	9.6	15.2	5.7	-
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	10.6	2.2	-	-	.8	.5	.5	.5	.7	1.5	-
31	LEATHER AND LEATHER PRODUCTS . . . . .	1.3	.1	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	27.6	8.3	-	-	.5	6.0	.3	1.1	1.0	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	296.7	134.8	-	6.6	7.1	2.3	2.3	2.4	127.7	.3	-
34	FABRICATED METAL PRODUCTS . . . . .	3.9	.3	-	(Z)	.2	(Z)	.2	.2	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	61.8	1.8	-	.7	.6	.3	.2	.2	.2	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	22.1	3.7	-	-	2.5	2.3	.3	.2	.1	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	10.8	1.6	-	-	.3	(Z)	.9	.5	-	-	-
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	2.9	.9	-	-	.1	.2	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . . . .	3.2	1.3	-	-	-	-	-	-	-	-	-
	CHESAPEAKE BAY . . . . .	816.2	437.1	14.9	77.1	83.8	20.9	5.1	61.8	77.7	114.9	297.4
20	FOOD AND KINDRED PRODUCTS . . . . .	30.3	2.8	-	.2	1.7	.5	.2	.5	.2	(Z)	.3
21	TOBACCO MANUFACTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
22	TEXTILE MILL PRODUCTS . . . . .	4.4	3.2	-	2.2	2.3	.5	-	1.3	1.9	-	-
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
25	FURNITURE AND FIXTURES . . . . .	.6	-	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	135.4	86.5	-	46.0	47.8	6.8	1.3	52.7	53.6	78.6	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	255.7	36.8	-	26.9	27.0	7.9	1.2	2.9	18.1	15.5	.4
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	3.4	.5	-	-	.2	-	-	.1	.1	-	-
31	LEATHER AND LEATHER PRODUCTS . . . . .	1.4	.8	-	-	.2	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	15.6	1.9	-	-	.1	.5	-	.8	.3	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	328.1	299.4	-	2.7	2.2	-	1.5	2.6	-	-	-
34	FABRICATED METAL PRODUCTS . . . . .	3.0	.3	-	-	.1	-	.2	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	2.4	.5	-	-	.1	-	.1	.1	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	13.3	2.7	-	-	1.4	.8	1.1	.1	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	15.4	.5	-	-	.1	-	.2	-	-	-	-
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	EASTERN GREAT LAKES-ST. LAWRENCE . . . . .	1 626.1	181.7	3.5	43.9	96.1	41.3	10.3	49.0	54.9	24.2	20.1
20	FOOD AND KINDRED PRODUCTS . . . . .	23.6	4.9	-	2.1	2.6	3.9	.1	2.1	2.0	2.0	.2
22	TEXTILE MILL PRODUCTS . . . . .	.8	.2	-	-	-	.2	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
25	FURNITURE AND FIXTURES . . . . .	.1	-	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	71.0	44.2	-	18.5	36.7	2.5	4.0	.4	.5	8.2	1.1
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	292.2	70.4	-	4.5	19.7	15.9	1.3	37.5	47.7	10.6	10.2
29	PETROLEUM AND COAL PRODUCTS . . . . .	73.8	3.5	-	-	1.0	1.1	1.6	1.0	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	47.0	8.8	-	-	3.7	1.0	1.0	.9	.2	-	3.0
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	28.0	2.3	-	1.1	.3	.5	.1	.3	.1	1.2	.9
33	PRIMARY METAL INDUSTRIES . . . . .	938.4	17.9	1.3	2.4	8.0	9.0	1.1	4.8	2.2	-	3.6
34	FABRICATED METAL PRODUCTS . . . . .	11.2	1.0	-	-	.2	.3	.1	.3	.3	-	(Z)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	9.1	1.1	-	-	.5	.1	.1	.3	.1	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	10.5	1.1	-	-	.2	.7	.3	.5	.4	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	105.5	14.9	.6	-	12.4	5.3	.3	.5	.4	-	.5
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	13.1	11.2	-	-	11.0	.2	.2	.3	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OHIO RIVER . . . . .	2 455.0	348.3	24.7	96.6	102.5	87.5	17.4	123.9	142.6	63.8	74.2
20	FOOD AND KINDRED PRODUCTS . . . . .	40.3	11.1	.3	.3	2.3	2.3	.7	6.9	.4	.3	1.1
21	TOBACCO MANUFACTURES . . . . .	.7	.2	-	-	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS . . . . .	3.4	2.6	-	-	-	.4	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . . . .	.7	.5	-	-	-	.5	-	-	-	-	-
25	FURNITURE AND FIXTURES . . . . .	.5	.1	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	58.5	29.8	14.8	15.9	17.9	7.4	1.1	.3	6.1	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	728.9	51.0	-	28.0	26.2	27.9	5.9	18.8	18.6	19.5	3.5
29	PETROLEUM AND COAL PRODUCTS . . . . .	32.2	7.1	-	4.1	4.1	4.9	1.8	3.1	2.2	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	10.1	4.3	-	-	1.4	1.2	.5	1.7	.3	-	.7
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	22.6	7.2	-	-	5.8	3.4	.4	3.5	.4	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	1 469.9	214.1	7.1	40.1	34.4	29.7	3.0	81.2	106.6	36.9	62.1
34	FABRICATED METAL PRODUCTS . . . . .	13.3	1.3	-	-	(Z)	.5	.1	.1	.1	-	.5
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	17.0	5.2	-	-	-	1.4	.2	1.2	.8	-	2.7
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	32.4	5.0	-	-	1.4	2.1	1.4	.3	.4	-	1.4
37	TRANSPORTATION EQUIPMENT . . . . .	17.8	6.4	-	4.0	4.7	4.7	.1	3.7	4.1	-	-
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	1.1	.4	-	-	-	.4	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.



TABLE 6. Water Intake, Water Treated Prior to Use and Number of Establishments Treating Water Prior to Use by Type of Treatment: 1968—Continued

## B. WATER USE REGIONS AND MAJOR INDUSTRY GROUPS—Continued

Code	Water use region and major industry group	Number of establishments treating intake water prior to use by type of treatment										No treatment performed
		Total	Aeration	Coagulation	Filtration	Softening	Ion exchange	Corrosion control	pH	Settling	Other	
	UNITED STATES, TOTAL . . . . .	5 159	331	889	1 559	3 159	1 402	1 801	1 373	48D	519	4 243
	NEW ENGLAND, . . . . .	330	21	58	163	115	60	113	95	33	39	366
20	FOOD AND KINDRED PRODUCTS, . . . . .	25	—	4	12	6	3	7	5	2	2	43
22	TEXTILE MILL PRODUCTS, . . . . .	55	1	7	34	14	1	8	10	3	8	39
24	LUMBER AND WOOD PRODUCTS, . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
25	FURNITURE AND FIXTURES, . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS, . . . . .	71	2	31	57	22	17	19	22	16	10	19
28	CHEMICALS AND ALLIED PRODUCTS, . . . . .	26	2	3	1D	14	13	6	9	2	3	16
29	PETROLEUM AND COAL PRODUCTS, . . . . .	4	—	—	—	—	—	—	—	—	—	—
30	RUBBER AND PLASTICS PRODUCTS, NEC, . . . . .	22	2	—	7	11	2	12	5	3	1	28
31	LEATHER AND LEATHER PRODUCTS, . . . . .	—	—	—	—	—	—	—	—	—	—	—
32	STONE, CLAY, AND GLASS PRODUCTS, . . . . .	7	—	1	1	1	2	4	1	—	—	24
33	PRIMARY METAL INDUSTRIES, . . . . .	34	3	4	1D	14	3	15	12	3	4	32
34	FABRICATED METAL PRODUCTS, . . . . .	11	2	—	1	4	2	6	5	1	3	37
35	MACHINERY, EXCEPT ELECTRICAL, . . . . .	12	2	2	3	3	—	9	3	—	3	37
36	ELECTRICAL EQUIP. AND SUPPLIES, . . . . .	26	2	4	13	1D	12	1D	5	1	3	26
37	TRANSPORTATION EQUIPMENT, . . . . .	11	—	—	2	5	1	5	6	—	—	11
38	INSTRUMENTS AND RELATED PRODUCTS, . . . . .	1D	1	1	3	5	3	3	5	—	1	5
39	MISC. MANUFACTURING INDUSTRIES, . . . . .	10	1	—	7	2	1	3	2	1	1	24
	DELAWARE AND HUDSON, . . . . .	567	32	92	184	351	161	178	140	55	43	409
20	FOOD AND KINDRED PRODUCTS, . . . . .	91	4	16	33	54	14	28	18	2	8	83
21	TOBACCO MANUFACTURES, . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
22	TEXTILE MILL PRODUCTS, . . . . .	32	1	2	10	22	1	2	5	2	1	23
24	LUMBER AND WOOD PRODUCTS, . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
25	FURNITURE AND FIXTURES, . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS, . . . . .	57	2	22	29	29	6	12	14	14	4	17
28	CHEMICALS AND ALLIED PRODUCTS, . . . . .	146	10	25	46	98	64	4D	42	16	14	46
29	PETROLEUM AND COAL PRODUCTS, . . . . .	15	2	7	10	14	10	1D	18	6	1	1
30	RUBBER AND PLASTICS PRODUCTS, NEC, . . . . .	27	3	3	8	19	7	12	8	4	2	26
31	LEATHER AND LEATHER PRODUCTS, . . . . .	4	2	1	3	2	—	2	2	1	1	1D
32	STONE, CLAY, AND GLASS PRODUCTS, . . . . .	33	1	2	6	16	13	9	7	1	1	27
33	PRIMARY METAL INDUSTRIES, . . . . .	47	3	3	13	33	9	18	10	4	4	46
34	FABRICATED METAL PRODUCTS, . . . . .	22	1	1	4	11	4	7	3	—	2	19
35	MACHINERY, EXCEPT ELECTRICAL, . . . . .	20	—	4	4	12	7	8	5	2	1	22
36	ELECTRICAL EQUIP. AND SUPPLIES, . . . . .	36	1	3	12	21	13	14	7	1	—	51
37	TRANSPORTATION EQUIPMENT, . . . . .	20	1	1	1	10	4	11	8	—	2	9
38	INSTRUMENTS AND RELATED PRODUCTS, . . . . .	6	1	1	2	5	4	3	1	1	—	11
39	MISC. MANUFACTURING INDUSTRIES, . . . . .	6	—	—	2	3	2	1	—	—	1	11
	CHESAPEAKE BAY, . . . . .	255	16	42	78	162	62	86	72	28	19	200
20	FOOD AND KINDRED PRODUCTS, . . . . .	59	1	7	25	30	11	17	14	4	4	62
21	TOBACCO MANUFACTURES, . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
22	TEXTILE MILL PRODUCTS, . . . . .	18	1	4	4	10	3	5	7	3	1	7
24	LUMBER AND WOOD PRODUCTS, . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
25	FURNITURE AND FIXTURES, . . . . .	3	—	—	—	—	—	—	—	—	—	—
26	PAPER AND ALLIED PRODUCTS, . . . . .	17	1	7	1	2	1	1	5	—	—	6
28	CHEMICALS AND ALLIED PRODUCTS, . . . . .	39	3	13	11	11	6	15	16	5	1	6
29	PETROLEUM AND COAL PRODUCTS, . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC, . . . . .	11	1	—	1	6	1	6	4	1	1	6
31	LEATHER AND LEATHER PRODUCTS, . . . . .	7	1	1	2	6	—	—	—	—	—	4
32	STONE, CLAY, AND GLASS PRODUCTS, . . . . .	18	1	2	6	12	3	4	1	4	2	24
33	PRIMARY METAL INDUSTRIES, . . . . .	19	2	2	6	16	3	6	6	1	2	15
34	FABRICATED METAL PRODUCTS, . . . . .	11	3	1	1	7	3	6	2	—	—	15
35	MACHINERY, EXCEPT ELECTRICAL, . . . . .	10	—	—	—	5	—	4	4	—	1	8
36	ELECTRICAL EQUIP. AND SUPPLIES, . . . . .	19	1	3	3	9	9	7	6	—	2	12
37	TRANSPORTATION EQUIPMENT, . . . . .	11	1	—	1	6	3	4	2	—	1	7
38	INSTRUMENTS AND RELATED PRODUCTS, . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES, . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	EASTERN GREAT LAKES-ST. LAWRENCE, . . . . .	434	23	55	117	277	112	156	97	28	47	433
20	FOOD AND KINDRED PRODUCTS, . . . . .	73	3	12	18	48	7	22	14	5	5	73
22	TEXTILE MILL PRODUCTS, . . . . .	4	1	1	1	4	1	1	1	1	1	3
24	LUMBER AND WOOD PRODUCTS, . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
25	FURNITURE AND FIXTURES, . . . . .	—	—	—	—	—	—	—	—	—	—	—
26	PAPER AND ALLIED PRODUCTS, . . . . .	32	—	8	19	17	4	8	4	6	5	9
28	CHEMICALS AND ALLIED PRODUCTS, . . . . .	64	2	11	18	40	25	24	18	4	5	40
29	PETROLEUM AND COAL PRODUCTS, . . . . .	1D	1	2	4	5	7	4	1	—	1	4
30	RUBBER AND PLASTICS PRODUCTS, NEC, . . . . .	26	2	1	8	16	5	7	5	1	4	13
31	LEATHER AND LEATHER PRODUCTS, . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS, . . . . .	25	1	4	6	13	4	4	6	6	6	30
33	PRIMARY METAL INDUSTRIES, . . . . .	46	4	8	14	35	9	19	10	2	5	66
34	FABRICATED METAL PRODUCTS, . . . . .	32	2	1	4	2D	7	12	9	1	4	62
35	MACHINERY, EXCEPT ELECTRICAL, . . . . .	27	—	—	3	14	6	15	7	—	3	32
36	ELECTRICAL EQUIP. AND SUPPLIES, . . . . .	34	1	3	4	21	14	14	9	—	2	27
37	TRANSPORTATION EQUIPMENT, . . . . .	45	4	1	7	33	14	17	12	1	5	52
38	INSTRUMENTS AND RELATED PRODUCTS, . . . . .	1D	—	3	6	6	6	6	3	—	—	6
39	MISC. MANUFACTURING INDUSTRIES, . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OHIO RIVER, . . . . .	666	37	84	172	487	2DD	215	163	53	53	389
20	FOOD AND KINDRED PRODUCTS, . . . . .	112	6	11	31	86	3D	26	23	6	7	53
21	TOBACCO MANUFACTURES, . . . . .	4	—	—	—	1	2	3	1	—	1	1
22	TEXTILE MILL PRODUCTS, . . . . .	8	1	2	3	6	2	2	2	—	—	1
24	LUMBER AND WOOD PRODUCTS, . . . . .	5	—	—	—	5	—	2	2	—	—	3
25	FURNITURE AND FIXTURES, . . . . .	4	—	—	—	2	—	2	1	—	1	3
26	PAPER AND ALLIED PRODUCTS, . . . . .	31	5	5	8	25	5	6	4	2	2	23
28	CHEMICALS AND ALLIED PRODUCTS, . . . . .	97	3	2D	28	76	5D	32	19	1D	8	26
29	PETROLEUM AND COAL PRODUCTS, . . . . .	19	—	5	10	14	10	10	6	3	—	8
30	RUBBER AND PLASTICS PRODUCTS, NEC, . . . . .	3D	2	2	7	23	8	15	1D	—	4	17
31	LEATHER AND LEATHER PRODUCTS, . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS, . . . . .	45	1	3	14	28	10	13	9	2	3	38
33	PRIMARY METAL INDUSTRIES, . . . . .	115	11	28	43	82	25	42	44	23	8	70
34	FABRICATED METAL PRODUCTS, . . . . .	43	2	—	4	32	1D	15	12	2	6	58
35	MACHINERY, EXCEPT ELECTRICAL, . . . . .	41	1	1	3	30	1D	13	8	1	5	27
36	ELECTRICAL EQUIP. AND SUPPLIES, . . . . .	59	1	1	1D	40	29	12	1D	—	—	32
37	TRANSPORTATION EQUIPMENT, . . . . .	36	2	4	6	25	6	16	1D	1	—	17
38	INSTRUMENTS AND RELATED PRODUCTS, . . . . .	6	1	2	2	4	1	2	—	—	2	4
39	MISC. MANUFACTURING INDUSTRIES, . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 6. Water Intake, Water Treated Prior to Use and Number of Establishments Treating Water Prior to Use by Type of Treatment: 1968—Continued

B. WATER USE REGIONS AND MAJOR INDUSTRY GROUPS—Continued

Code	Water use region and major industry group	Water intake (billion gallons)										
		Total	Treated prior to use by type of treatment									
			Total	Aeration	Coagulation	Filtration	Softening	Ion exchange	Corrosion control	pH	Settling	Other
	TENNESSEE . . . . .	521.0	119.5	8.8	99.2	95.5	13.2	11.5	7.0	47.7	76.6	32.3
20	FOOD AND KINDRED PRODUCTS . . . . .	2.9	.5	—	.1	.3	.1	(2)	.1	—	.1	—
22	TEXTILE MILL PRODUCTS . . . . .	9.2	5.0	—	2.5	2.8	3.7	—	.2	.4	—	—
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	69.6	47.4	—	47.4	45.6	1.9	2.0	—	—	45.0	—
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	400.6	61.1	—	44.7	43.8	7.1	8.9	6.2	31.3	27.2	32.1
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	—	—	—	—	—	—	—	—	—
33	PRIMARY METAL INDUSTRIES . . . . .	22.8	3.8	—	3.8	1.6	—	—	—	—	—	—
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	1.7	.2	—	—	—	—	.1	—	(Z)	—	—
37	TRANSPORTATION EQUIPMENT . . . . .	.8	—	—	—	—	—	—	—	—	—	—
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SOUTHEAST . . . . .	1 180.7	526.3	22.0	291.1	245.3	75.2	30.0	111.4	204.3	154.2	48.5
20	FOOD AND KINDRED PRODUCTS . . . . .	66.4	4.5	.9	.8	2.7	1.5	.2	.6	.7	.2	.4
21	TOBACCO MANUFACTURES . . . . .	2.4	.3	—	—	—	—	—	.3	.1	—	—
22	TEXTILE MILL PRODUCTS . . . . .	102.3	66.2	.5	44.3	55.4	23.1	5.3	25.1	42.3	26.6	5.9
24	LUMBER AND WOOD PRODUCTS . . . . .	3.3	1.8	—	—	—	.2	—	.2	—	—	—
25	FURNITURE AND FIXTURES . . . . .	1.5	.1	—	—	—	—	—	—	—	—	—
26	PAPER AND ALLIED PRODUCTS . . . . .	619.5	343.6	—	227.4	165.1	40.1	15.7	72.2	134.5	89.3	17.7
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	223.8	59.6	5.0	16.9	18.8	6.9	6.7	9.5	12.2	27.3	4.8
29	PETROLEUM AND COAL PRODUCTS . . . . .	27.9	1.8	—	—	—	.3	—	—	—	—	—
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	8.9	.4	—	—	—	—	—	—	—	—	—
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	19.3	3.5	2.5	—	.4	.5	(Z)	.8	2.6	—	—
33	PRIMARY METAL INDUSTRIES . . . . .	88.4	41.4	—	—	—	1.3	—	.4	—	—	19.6
34	FABRICATED METAL PRODUCTS . . . . .	2.9	.4	—	—	—	—	—	—	—	—	—
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	1.3	.3	—	—	—	—	—	—	—	—	—
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	5.6	.7	—	—	—	.4	.1	.1	—	—	—
37	TRANSPORTATION EQUIPMENT . . . . .	5.8	1.4	—	—	—	—	—	1.3	.6	—	—
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	—	—	—	—	—	—	—	—	—
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WESTERN GREAT LAKES . . . . .	1 923.8	327.9	18.4	65.9	94.0	37.3	29.0	33.1	25.0	38.2	184.2
20	FOOD AND KINDRED PRODUCTS . . . . .	68.9	7.2	—	.5	2.8	3.4	.8	.8	1.1	.1	2.2
21	TOBACCO MANUFACTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
22	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
24	LUMBER AND WOOD PRODUCTS . . . . .	4.3	.5	—	—	—	—	—	—	—	—	—
25	FURNITURE AND FIXTURES . . . . .	1.1	.2	—	—	—	—	—	—	—	—	—
26	PAPER AND ALLIED PRODUCTS . . . . .	170.7	85.0	—	48.4	59.5	9.6	8.5	1.9	8.0	28.0	—
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	167.4	27.5	4.4	2.2	4.0	2.3	3.1	12.3	.8	—	4.9
29	PETROLEUM AND COAL PRODUCTS . . . . .	171.4	3.8	—	—	1.3	2.9	1.8	1.0	—	—	—
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	10.9	1.0	—	—	—	.6	—	—	.2	—	—
31	LEATHER AND LEATHER PRODUCTS . . . . .	4.4	.9	—	—	—	.1	—	—	—	—	—
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	28.4	.9	—	—	—	.2	—	—	—	—	—
33	PRIMARY METAL INDUSTRIES . . . . .	1 204.5	185.7	5.2	14.1	20.2	15.4	13.5	12.9	13.7	—	168.1
34	FABRICATED METAL PRODUCTS . . . . .	10.5	1.1	—	—	.4	.5	(Z)	.2	.2	—	(Z)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	23.5	1.9	.1	.4	.7	.7	.2	.6	.3	—	.1
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	12.2	1.1	—	—	(Z)	.3	.3	.4	.2	—	—
37	TRANSPORTATION EQUIPMENT . . . . .	21.8	3.3	—	—	—	.6	.1	2.7	.1	—	.3
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	1.5	.3	—	—	—	.3	—	—	—	—	—
39	MISC. MANUFACTURING INDUSTRIES . . . . .	.7	—	—	—	—	—	—	—	—	—	—
	UPPER MISSISSIPPI . . . . .	694.8	158.8	3.8	63.8	67.5	31.4	10.7	27.3	36.4	25.1	43.5
20	FOOD AND KINDRED PRODUCTS . . . . .	124.8	27.6	1.4	4.1	6.9	7.0	3.8	8.7	5.8	1.6	9.4
21	TOBACCO MANUFACTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
22	TEXTILE MILL PRODUCTS . . . . .	.7	.2	—	—	—	—	—	—	—	—	—
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
25	FURNITURE AND FIXTURES . . . . .	.1	—	—	—	—	—	—	—	—	—	—
26	PAPER AND ALLIED PRODUCTS . . . . .	138.0	59.6	—	29.3	20.5	3.2	2.1	2.6	.8	18.6	28.3
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	92.7	20.1	—	13.5	13.9	4.7	2.7	3.8	13.1	—	—
29	PETROLEUM AND COAL PRODUCTS . . . . .	88.6	7.9	—	—	3.6	6.3	—	5.9	—	—	—
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	5.7	2.1	—	—	—	.3	—	.8	.1	—	—
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	49.7	3.8	—	3.4	1.4	1.5	—	1.7	—	—	—
33	PRIMARY METAL INDUSTRIES . . . . .	124.4	23.6	—	—	14.1	2.9	.3	.1	.1	—	—
34	FABRICATED METAL PRODUCTS . . . . .	6.5	.8	—	—	—	.3	(Z)	.2	.1	—	.3
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	37.3	5.1	—	—	2.8	.6	.2	1.6	.2	—	—
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	6.2	.7	—	—	—	.5	.4	.1	.1	—	—
37	TRANSPORTATION EQUIPMENT . . . . .	6.9	1.7	—	—	—	.9	.1	.5	.8	—	—
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	3.1	1.7	—	—	—	.4	.4	—	—	—	—
39	MISC. MANUFACTURING INDUSTRIES . . . . .	1.2	.1	—	—	—	.1	—	—	—	—	—
	LOWER MISSISSIPPI . . . . .	780.4	136.1	16.5	69.2	47.1	15.1	9.9	34.5	50.7	30.9	46.0
20	FOOD AND KINDRED PRODUCTS . . . . .	65.3	7.9	3.1	3.3	3.6	1.3	.3	1.0	2.3	2.6	—
22	TEXTILE MILL PRODUCTS . . . . .	2.0	1.3	1.2	—	—	.4	—	1.2	—	—	—
24	LUMBER AND WOOD PRODUCTS . . . . .	2.6	—	—	—	—	—	—	—	—	—	—
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	59.5	48.3	7.4	33.3	30.8	3.5	2.9	—	34.5	—	—
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	358.2	37.1	2.4	27.5	8.2	8.0	4.6	9.7	10.8	4.8	—
29	PETROLEUM AND COAL PRODUCTS . . . . .	127.6	35.3	—	4.5	—	1.4	1.9	1.0	—	—	—
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	4.3	3.9	—	—	—	.2	—	—	—	—	—
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	2.4	—	—	—	—	—	—	—	—	—	—
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34	FABRICATED METAL PRODUCTS . . . . .	1.3	.7	—	—	—	—	—	—	—	—	—
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	—	—	—	—	—	—	—	—
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	.6	.3	—	—	—	—	—	—	—	—	—
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	—	—	—	—	—	—	—	—
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	—	—	—	—	—	—	—	—
	MISSOURI . . . . .	162.3	57.8	5.1	17.5	17.8	26.8	6.8	17.1	11.4	7.1	6.7
20	FOOD AND KINDRED PRODUCTS . . . . .	58.9	26.6	1.3	.6	3.5	18.1	.4	2.7	1.9	—	5.8
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.



TABLE 6. Water Intake, Water Treated Prior to Use and Number of Establishments Treating Water Prior to Use by Type of Treatment: 1968—Continued

## B. WATER USE REGIONS AND MAJOR INDUSTRY GROUPS—Continued

Code	Water use region and major industry group	Number of establishments treating intake water prior to use by type of treatment										No treatment performed
		Total	Aeration	Coagulation	Filtration	Softening	Ion exchange	Corrosion control	pH	Settling	Other	
20	TENNESSEE . . . . .	115	9	44	51	73	37	28	29	25	16	98
22	FOOD AND KINDRED PRODUCTS . . . . .	21	2	6	8	12	4	5	3	4	1	11
24	TEXTILE MILL PRODUCTS . . . . .	28	2	7	9	23	—	5	5	3	3	17
26	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
29	PAPER AND ALLIED PRODUCTS . . . . .	8	—	7	7	6	5	1	2	5	—	2
30	CHEMICALS AND ALLIED PRODUCTS . . . . .	30	2	18	19	18	14	7	9	8	7	9
31	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	2	2	2	1	1	2	—	15
34	PRIMARY METAL INDUSTRIES . . . . .	5	1	4	4	3	2	1	3	3	2	14
35	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	—	—	2	—	—	—	—	—	4
36	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	—	—	1	1	—	—	—	—	6
37	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	9	—	—	1	1	5	3	4	—	1	4
38	TRANSPORTATION EQUIPMENT . . . . .	—	—	—	—	—	—	—	—	—	—	4
39	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	SOUTHEAST . . . . .	579	33	176	224	274	117	228	209	93	67	496
22	FOOD AND KINDRED PRODUCTS . . . . .	97	6	25	35	48	8	24	25	7	11	118
24	TOBACCO MANUFACTURES . . . . .	11	—	1	1	8	1	7	6	—	1	1
26	TEXTILE MILL PRODUCTS . . . . .	235	4	93	116	111	16	91	100	50	30	171
28	LUMBER AND WOOD PRODUCTS . . . . .	11	1	1	1	6	1	5	1	1	—	11
30	FURNITURE AND FIXTURES . . . . .	6	—	—	—	3	1	3	1	—	—	6
32	PAPER AND ALLIED PRODUCTS . . . . .	53	3	34	33	22	32	22	22	19	4	10
34	CHEMICALS AND ALLIED PRODUCTS . . . . .	74	10	13	21	41	36	32	31	7	8	32
36	PETROLEUM AND COAL PRODUCTS . . . . .	6	—	—	1	4	3	—	—	—	—	3
38	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	6	—	2	1	3	3	3	2	1	1	2
39	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	19	4	5	6	4	8	4	2	—	—	50
33	PRIMARY METAL INDUSTRIES . . . . .	15	—	2	3	5	1	4	3	3	5	25
34	FABRICATED METAL PRODUCTS . . . . .	7	2	2	2	1	—	2	1	1	3	16
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	6	1	—	2	2	1	3	2	—	—	9
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	19	1	2	1	9	7	10	3	1	2	26
37	TRANSPORTATION EQUIPMENT . . . . .	7	1	1	1	3	2	7	4	1	—	9
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	—	—	1	—	2	1	—	1	4
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	WESTERN GREAT LAKES . . . . .	503	31	64	140	330	133	156	110	22	51	492
22	FOOD AND KINDRED PRODUCTS . . . . .	109	3	16	31	68	15	28	19	5	11	91
24	TOBACCO MANUFACTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	LUMBER AND WOOD PRODUCTS . . . . .	4	—	—	3	2	—	3	1	—	—	4
30	FURNITURE AND FIXTURES . . . . .	6	—	—	—	3	2	3	1	—	1	6
32	PAPER AND ALLIED PRODUCTS . . . . .	60	3	22	38	36	21	14	16	11	2	22
34	CHEMICALS AND ALLIED PRODUCTS . . . . .	56	10	4	13	37	30	19	14	1	10	28
36	PETROLEUM AND COAL PRODUCTS . . . . .	16	1	2	5	12	8	3	3	—	2	7
38	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	15	1	—	3	12	3	4	—	—	—	16
39	LEATHER AND LEATHER PRODUCTS . . . . .	7	—	—	1	3	1	3	4	—	—	13
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	14	1	2	9	3	1	2	2	—	1	25
33	PRIMARY METAL INDUSTRIES . . . . .	60	4	12	21	38	12	23	13	3	7	72
34	FABRICATED METAL PRODUCTS . . . . .	45	2	1	4	31	5	15	12	1	4	69
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	44	4	4	10	31	11	20	10	1	5	54
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	22	1	—	4	12	12	8	5	—	—	37
37	TRANSPORTATION EQUIPMENT . . . . .	30	1	1	3	21	7	12	8	—	5	30
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	4	—	—	1	4	1	1	1	—	1	7
39	MISC. MANUFACTURING INDUSTRIES . . . . .	3	—	—	—	2	1	1	—	—	—	6
20	UPPER MISSISSIPPI . . . . .	427	21	52	92	296	131	146	95	16	59	310
22	FOOD AND KINDRED PRODUCTS . . . . .	159	10	10	30	103	42	51	30	4	26	138
24	TOBACCO MANUFACTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	TEXTILE MILL PRODUCTS . . . . .	4	—	—	1	2	2	—	—	—	—	—
28	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	FURNITURE AND FIXTURES . . . . .	—	—	—	—	—	—	—	—	—	—	1
32	PAPER AND ALLIED PRODUCTS . . . . .	39	1	15	16	26	15	13	6	4	8	10
34	CHEMICALS AND ALLIED PRODUCTS . . . . .	41	3	7	15	30	23	15	10	1	3	12
36	PETROLEUM AND COAL PRODUCTS . . . . .	8	2	3	5	8	3	4	3	—	2	4
38	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	12	—	—	1	10	2	6	4	—	—	6
39	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	18	1	6	5	14	2	6	3	3	2	18
33	PRIMARY METAL INDUSTRIES . . . . .	24	1	3	4	16	4	9	8	1	2	22
34	FABRICATED METAL PRODUCTS . . . . .	23	—	1	1	16	5	7	5	—	1	30
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	39	2	3	4	31	11	12	9	—	6	31
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	21	—	1	3	18	8	7	8	1	2	24
37	TRANSPORTATION EQUIPMENT . . . . .	14	—	1	1	8	6	8	5	1	2	5
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	9	—	—	1	5	4	2	—	—	2	3
39	MISC. MANUFACTURING INDUSTRIES . . . . .	5	—	—	2	4	1	1	1	—	—	2
20	LOWER MISSISSIPPI . . . . .	136	26	43	57	71	41	57	50	21	8	99
22	FOOD AND KINDRED PRODUCTS . . . . .	41	7	14	18	26	7	13	12	7	1	41
24	TEXTILE MILL PRODUCTS . . . . .	7	4	—	3	4	—	4	1	—	—	1
26	LUMBER AND WOOD PRODUCTS . . . . .	3	—	—	—	—	—	3	—	—	—	3
28	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	PAPER AND ALLIED PRODUCTS . . . . .	12	4	6	8	7	7	3	7	2	2	2
32	CHEMICALS AND ALLIED PRODUCTS . . . . .	38	5	18	18	17	17	22	18	8	1	16
34	PETROLEUM AND COAL PRODUCTS . . . . .	10	—	4	3	4	9	4	3	3	3	2
36	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	7	2	—	2	4	—	2	3	—	—	1
38	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	—	—	—	—	—	—	—	—	(D)
39	STONE, CLAY, AND GLASS PRODUCTS . . . . .	3	—	—	—	3	—	—	—	—	—	8
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34	FABRICATED METAL PRODUCTS . . . . .	4	1	—	1	1	1	3	2	1	—	7
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	—	1	—	—	1	—	—	1	3
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	4	—	—	2	2	—	—	1	—	—	4
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	—	—	—	—	—	—	—	—	(D)
20	MISSOURI . . . . .	164	15	21	34	113	48	53	49	10	19	117
22	FOOD AND KINDRED PRODUCTS . . . . .	91	7	6	16	63	11	23	22	1	13	68
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.



TABLE 6. Water Intake, Water Treated Prior to Use and Number of Establishments Treating Water Prior to Use by Type of Treatment: 1968—Continued

B. WATER USE REGIONS AND MAJOR INDUSTRY GROUPS—Continued

Code	Water use region and major industry group	Water intake (billion gallons)											
		Total	Treated prior to use by type of treatment									Settling	Other
			Total	Aeration	Coagulation	Filtration	Softening	Ion exchange	Corrosion control	pH			
	MISSOURI												
26	PAPER AND ALLIED PRODUCTS. . . . .	25.2	5.4	-	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	20.5	13.1	2.9	4.9	4.4	2.5	1.7	9.1	3.6	-	.8	-
29	PETROLEUM AND COAL PRODUCTS. . . . .	23.2	8.0	-	4.0	1.9	3.7	2.3	4.2	2.8	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31	LEATHER AND LEATHER PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	3.5	2.0	-	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES. . . . .	20.7	.7	-	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	.4	-	-	-	-	-	-	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	1.1	.4	-	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	ARKANSAS, WHITE AND RED. . . . .	236.9	91.1	3.4	64.9	18.4	15.7	11.9	17.1	20.4	14.0	5.6	-
20	FOOD AND KINDRED PRODUCTS. . . . .	16.7	1.5	-	.1	.6	.6	.3	.2	.2	(Z)	-	-
22	TEXTILE MILL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
24	LUMBER AND WOOD PRODUCTS. . . . .	2.3	.7	-	-	-	-	-	.2	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . . . .	84.7	61.6	-	55.9	13.1	2.1	4.4	2.9	7.1	10.8	-	-
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	61.7	7.6	.3	2.4	1.4	3.3	3.2	2.4	2.3	-	-	-
29	PETROLEUM AND COAL PRODUCTS. . . . .	26.5	13.7	-	4.2	1.8	8.7	3.4	6.9	8.2	-	2.1	-
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	3.7	.5	-	-	-	-	-	.2	-	-	-	-
33	PRIMARY METAL INDUSTRIES. . . . .	33.7	4.1	-	-	-	-	-	3.7	-	-	-	-
34	FABRICATED METAL PRODUCTS. . . . .	1.0	.2	-	-	-	.1	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	.6	-	-	-	-	-	-	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	1.2	.1	-	-	-	.1	(Z)	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT. . . . .	1.8	.4	-	-	-	-	-	.4	-	-	-	-
38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WESTERN GULF. . . . .	2 031.3	206.6	6.9	117.4	73.1	71.5	28.7	71.2	125.8	112.2	5.5	-
20	FOOD AND KINDRED PRODUCTS. . . . .	19.4	2.5	.5	.4	.7	1.0	.2	.4	.5	.9	.1	-
22	TEXTILE MILL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
24	LUMBER AND WOOD PRODUCTS. . . . .	1.5	-	-	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . . . .	54.2	25.3	-	-	-	-	.3	-	19.0	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	1 362.9	81.2	3.4	54.3	24.7	37.3	13.9	25.4	55.2	42.7	3.1	-
29	PETROLEUM AND COAL PRODUCTS. . . . .	393.3	75.4	2.0	41.2	30.1	29.9	13.5	33.3	48.9	29.6	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31	LEATHER AND LEATHER PRODUCTS. . . . .	4.7	-	-	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	(D)	-	-	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES. . . . .	174.1	18.7	-	-	.4	1.4	.3	-	-	-	-	-
34	FABRICATED METAL PRODUCTS. . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	1.4	.3	-	-	-	-	-	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT. . . . .	15.3	.9	-	-	-	-	-	-	-	-	-	-
	COLORADO BASIN. . . . .	23.3	6.8	-	-	.4	4.3	.8	1.6	.4	-	-	-
20	FOOD AND KINDRED PRODUCTS. . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS. . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS. . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	3.6	.3	-	-	-	-	-	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS. . . . .	.3	-	-	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	10.9	1.7	-	-	-	.7	-	1.1	-	-	-	-
33	PRIMARY METAL INDUSTRIES. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34	FABRICATED METAL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	GREAT BASIN. . . . .	35.3	14.3	-	-	-	3.1	1.1	1.7	-	-	-	-
20	FOOD AND KINDRED PRODUCTS. . . . .	3.7	1.7	-	-	-	1.6	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS. . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	CHEMICALS AND ALLIED PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	PETROLEUM AND COAL PRODUCTS. . . . .	2.5	-	-	-	-	-	-	-	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31	LEATHER AND LEATHER PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	PRIMARY METAL INDUSTRIES. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34	FABRICATED METAL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	CALIFORNIA. . . . .	369.9	97.0	2.3	40.3	36.9	37.0	12.6	30.6	32.3	18.7	9.9	-
20	FOOD AND KINDRED PRODUCTS. . . . .	66.5	11.2	1.5	.4	2.4	2.9	.4	2.6	1.7	2.2	3.0	-
22	TEXTILE MILL PRODUCTS. . . . .	.9	.3	-	-	-	.2	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS. . . . .	36.8	.8	-	-	.6	.5	.4	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . . . .	47.1	33.6	-	26.3	20.7	9.9	4.9	5.5	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	30.5	10.5	-	-	2.5	2.2	.6	6.0	8.0	-	4.7	-
29	PETROLEUM AND COAL PRODUCTS. . . . .	123.7	16.0	-	-	3.4	5.2	5.0	9.3	8.7	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	1.3	.4	-	-	-	.3	-	.1	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS. . . . .	.4	-	-	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	27.0	12.6	-	-	-	11.8	.3	.1	(Z)	-	-	-
33	PRIMARY METAL INDUSTRIES. . . . .	14.4	6.6	-	-	-	3.2	-	5.0	-	-	-	-
34	FABRICATED METAL PRODUCTS. . . . .	1.2	.1	-	-	-	.1	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	1.3	.1	-	-	-	(Z)	(Z)	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	4.0	1.0	-	-	.4	.1	.5	.4	.3	-	-	-
37	TRANSPORTATION EQUIPMENT. . . . .	7.7	3.4	-	-	1.0	.5	.2	1.4	.8	-	-	-
38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	.5	-	-	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES. . . . .	.1	-	-	-	-	-	-	-	-	-	-	-
	PACIFIC NORTHWEST. . . . .	599.4	226.2	.3	139.0	209.3	16.3	4.4	10.8	22.3	117.1	7.3	-
20	FOOD AND KINDRED PRODUCTS. . . . .	38.1	2.3	-	-	-	1.5	.1	.1	.1	-	.4	-
22	TEXTILE MILL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
24	LUMBER AND WOOD PRODUCTS. . . . .	62.0	4.9	-	2.8	3.3	1.7	-	.8	.9	.4	.4	-
26	PAPER AND ALLIED PRODUCTS. . . . .	344.4	208.5	-	131.7	176.4	11.3	2.0	7.1	18.8	112.7	-	-
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	69.1	2.9	-	-	-	1.2	.9	.8	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS. . . . .	4.0	3.1	-	-	-	-	-	-	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 6. Water Intake, Water Treated Prior to Use and Number of Establishments Treating Water Prior to Use by Type of Treatment: 1968—Continued

B. WATER USE REGIONS AND MAJOR INDUSTRY GROUPS—Continued

Code	Water use region and major industry group	Number of establishments treating intake water prior to use by type of treatment										No treatment performed
		Total	Aeration	Coagulation	Filtration	Softening	Ion exchange	Corrosion control	pH	Settling	Other	
MISSOURI												
26	PAPER AND ALLIED PRODUCTS. . . . .	5	-	2	1	2	1	1	1	1	1	2
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	22	6	6	5	16	12	6	6	3	4	5
29	PETROLEUM AND COAL PRODUCTS. . . . .	18	1	5	7	14	11	12	10	3	-	1
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31	LEATHER AND LEATHER PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	4	-	1	2	3	1	-	1	-	1	12
33	PRIMARY METAL INDUSTRIES. . . . .	4	-	-	-	3	1	1	2	-	-	7
34	FABRICATED METAL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	3	-	-	-	2	1	1	-	-	-	5
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	5	-	-	2	2	3	2	2	1	-	5
37	TRANSPORTATION EQUIPMENT. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ARKANSAS, WHITE AND RED. . . . .												
20	FOOD AND KINDRED PRODUCTS. . . . .	185	18	32	43	107	57	72	51	13	15	141
22	TEXTILE MILL PRODUCTS. . . . .	54	3	5	11	36	11	14	10	4	2	69
24	LUMBER AND WOOD PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS. . . . .	9	3	3	2	2	3	6	1	-	1	8
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	17	4	4	6	19	8	9	7	1	3	15
29	PETROLEUM AND COAL PRODUCTS. . . . .	35	3	8	8	25	16	16	18	3	5	-
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	-	(D)	(D)	(D)	(D)	-	-	(D)
31	LEATHER AND LEATHER PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	10	1	1	3	3	2	5	3	-	2	16
33	PRIMARY METAL INDUSTRIES. . . . .	5	-	3	2	1	1	4	2	1	1	4
34	FABRICATED METAL PRODUCTS. . . . .	5	-	-	1	4	1	2	-	-	-	6
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	3	-	-	-	2	1	1	-	-	-	4
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	6	1	-	1	4	4	-	1	-	-	2
37	TRANSPORTATION EQUIPMENT. . . . .	5	-	-	1	2	1	4	2	-	-	3
38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WESTERN GULF. . . . .												
20	FOOD AND KINDRED PRODUCTS. . . . .	235	25	63	79	160	92	110	95	41	28	150
22	TEXTILE MILL PRODUCTS. . . . .	55	6	6	8	38	5	18	14	4	6	54
24	LUMBER AND WOOD PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS. . . . .	3	-	-	1	3	1	2	1	-	-	3
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	7	2	3	3	3	4	3	4	3	1	2
29	PETROLEUM AND COAL PRODUCTS. . . . .	92	9	32	36	63	47	48	40	18	13	24
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	43	4	18	22	34	23	26	28	11	3	1
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	PRIMARY METAL INDUSTRIES. . . . .	3	1	-	-	3	2	-	-	-	1	30
34	FABRICATED METAL PRODUCTS. . . . .	10	2	2	5	8	4	2	1	3	1	8
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	(D)	(D)	(D)	-	(D)	-	-	-	-	2	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	4	-	-	-	1	-	3	1	-	-	4
37	TRANSPORTATION EQUIPMENT. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	6	1	-	-	-	2	2	2	1	1	8
COLORADO BASIN. . . . .												
20	FOOD AND KINDRED PRODUCTS. . . . .	28	2	2	4	19	13	9	4	1	1	18
22	TEXTILE MILL PRODUCTS. . . . .	(D)	(D)	-	-	-	-	-	-	-	(D)	(D)
24	LUMBER AND WOOD PRODUCTS. . . . .	(D)	(D)	-	1	2	-	-	-	-	-	1
26	PAPER AND ALLIED PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	4	-	1	1	1	3	1	1	-	-	4
29	PETROLEUM AND COAL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	8	1	1	-	7	3	5	2	-	-	2
33	PRIMARY METAL INDUSTRIES. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34	FABRICATED METAL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
GREAT BASIN. . . . .												
20	FOOD AND KINDRED PRODUCTS. . . . .	24	-	-	1	17	8	8	3	1	2	16
22	TEXTILE MILL PRODUCTS. . . . .	7	-	-	-	5	-	1	-	-	1	11
24	LUMBER AND WOOD PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
29	PETROLEUM AND COAL PRODUCTS. . . . .	3	-	-	1	3	3	2	1	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	-	-	(D)	-	(D)	-	-	-	(D)
31	LEATHER AND LEATHER PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	PRIMARY METAL INDUSTRIES. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34	FABRICATED METAL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
CALIFORNIA. . . . .												
20	FOOD AND KINDRED PRODUCTS. . . . .	319	14	31	61	216	98	124	74	15	31	267
22	TEXTILE MILL PRODUCTS. . . . .	120	5	11	21	80	12	37	17	5	13	120
24	LUMBER AND WOOD PRODUCTS. . . . .	5	1	1	1	5	-	-	1	-	-	5
26	PAPER AND ALLIED PRODUCTS. . . . .	9	1	3	5	5	5	3	3	3	1	12
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	20	1	6	4	16	4	7	2	1	1	9
29	PETROLEUM AND COAL PRODUCTS. . . . .	43	2	3	5	31	17	14	11	-	7	11
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	20	1	3	5	17	10	14	11	1	2	5
31	LEATHER AND LEATHER PRODUCTS. . . . .	8	-	-	3	5	3	4	3	-	-	1
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	-	-	-	-	-	-	-	-	-	-	3
33	PRIMARY METAL INDUSTRIES. . . . .	22	-	-	-	16	6	9	6	1	2	26
34	FABRICATED METAL PRODUCTS. . . . .	13	-	2	3	9	3	5	2	3	-	14
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	7	-	-	-	4	1	2	2	-	2	13
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	6	1	-	1	5	4	2	2	-	-	8
37	TRANSPORTATION EQUIPMENT. . . . .	19	-	3	5	8	14	9	4	-	1	10
38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	16	1	-	4	7	12	11	6	1	1	5
39	MISC. MANUFACTURING INDUSTRIES. . . . .	3	-	-	-	1	1	2	1	-	1	3
PACIFIC NORTHWEST. . . . .												
20	FOOD AND KINDRED PRODUCTS. . . . .	160	7	26	51	73	28	52	30	20	20	200
22	TEXTILE MILL PRODUCTS. . . . .	48	1	1	3	28	5	18	7	-	4	98
24	LUMBER AND WOOD PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS. . . . .	43	2	4	13	17	2	19	11	5	6	30
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	34	1	17	28	10	12	4	5	13	3	15
29	PETROLEUM AND COAL PRODUCTS. . . . .	12	-	-	3	11	5	4	2	-	2	12
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	4	-	1	-	2	1	3	3	-	-	3

See footnotes at end of table.

TABLE 6. Water Intake, Water Treated Prior to Use and Number of Establishments Treating Water Prior to Use by Type of Treatment: 1968—Continued

B. WATER USE REGIONS AND MAJOR INDUSTRY GROUPS—Continued

Code	Water use region and major industry group	Water intake (billion gallons)										
		Total	Treated prior to use by type of treatment									
			Total	Aeration	Coagulation	Filtration	Softening	Ion exchange	Corrosion control	pH	Settling	Other
	PACIFIC NORTHWEST											
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	3.8	.2	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	71.6	4.2	-	-	-	.1	-	-	-	-	-
34	FABRICATED METAL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	CUMBERLAND . . . . .	37.2	9.2	-	-	-	1.3	-	.9	6.4	-	-
20	FOOD AND KINDRED PRODUCTS. . . . .	1.2	.1	-	-	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS. . . . .	.5	-	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34	FABRICATED METAL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	1.1	-	-	-	-	-	-	-	-	-	-
	ALASKA . . . . .	33.7	-	-	-	-	-	-	-	-	-	-
20	FOOD AND KINDRED PRODUCTS. . . . .	1.2	-	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
29	PETROLEUM AND COAL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	HAWAII . . . . .	95.3	16.1	-	-	-	.4	-	8.7	-	-	-
20	FOOD AND KINDRED PRODUCTS. . . . .	93.5	15.8	-	-	-	-	-	8.7	-	-	-
29	PETROLEUM AND COAL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

Note: Detailed figures may not add to totals because of independent rounding. The figures shown for industry groups include data for all component industries whether or not separate figures are shown for the individual industries in the group.



TABLE 6. Water Intake, Water Treated Prior to Use and Number of Establishments Treating Water Prior to Use by Type of Treatment: 1968—Continued

## B. WATER USE REGIONS AND MAJOR INDUSTRY GROUPS—Continued

Code	Water use region and major industry group	Number of establishments treating intake water prior to use by type of treatment										No treatment performed
		Total	Aeration	Coagulation	Filtration	Softening	Ion exchange	Corrosion control	pH	Settling	Other	
	PACIFIC NORTHWEST											
31	LEATHER AND LEATHER PRODUCTS . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	5	1	1	2	—	—	1	1	—	2	12
33	PRIMARY METAL INDUSTRIES . . . . .	9	1	2	1	4	1	2	1	1	3	18
34	FABRICATED METAL PRODUCTS . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
37	TRANSPORTATION EQUIPMENT . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	CUMBERLAND . . . . .	17	—	3	3	14	1	4	4	2	1	17
20	FOOD AND KINDRED PRODUCTS . . . . .	4	—	—	1	3	—	—	—	—	—	5
22	TEXTILE MILL PRODUCTS . . . . .	3	—	—	—	3	—	—	—	—	—	1
26	PAPER AND ALLIED PRODUCTS . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
31	LEATHER AND LEATHER PRODUCTS . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
33	PRIMARY METAL INDUSTRIES . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
34	FABRICATED METAL PRODUCTS . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
37	TRANSPORTATION EQUIPMENT . . . . .	3	—	—	—	1	1	—	—	—	1	—
	ALASKA . . . . .	3	—	1	2	—	2	1	1	1	—	9
20	FOOD AND KINDRED PRODUCTS . . . . .	—	—	—	—	—	—	—	—	—	—	8
26	PAPER AND ALLIED PRODUCTS . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
29	PETROLEUM AND COAL PRODUCTS . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	HAWAII . . . . .	12	1	—	3	4	1	5	2	2	—	16
20	FOOD AND KINDRED PRODUCTS . . . . .	10	1	—	2	2	—	4	2	2	—	16
29	PETROLEUM AND COAL PRODUCTS . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

Standard notes: —Represents zero (0) Withheld to avoid disclosing figures of individual companies. (Z) Less than 50 million gallons.

TABLE 6. Water Intake, Water Treated Prior to Use and Number of Establishments Treating Water Prior to Use by Type of Treatment: 1968

## C. STATES AND MAJOR INDUSTRY GROUPS

Code	State and major industry group	Water intake (billion gallons)										
		Total	Treated prior to use by type of treatment									
			Total	Aeration	Coagulation	Filtration	Softening	Ion exchange	Corrosion control	pH	Settling	Other
	UNITED STATES: TOTAL . . . . .	15 466.5	3 505.8	153.5	1 367.8	1 505.3	556.6	211.4	697.0	1 017.4	1 015.4	805.7
	NEW ENGLAND DIVISION . . . . .	590.1	177.6	1.9	85.6	173.9	16.1	5.6	6.3	29.8	24.4	19.8
	MAINE . . . . .	162.2	89.3	-	37.2	96.8	11.8	1.2	3.2	15.5	9.7	15.9
20	FOOD AND KINDRED PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS . . . . .	.9	.1	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	154.4	88.1	-	36.8	95.6	11.8	1.2	2.8	15.3	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
	NEW HAMPSHIRE . . . . .	57.8	32.8	-	25.8	32.1	.2	.3	.3	.1	-	.2
20	FOOD AND KINDRED PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS . . . . .	4.7	1.5	-	-	1.4	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	49.8	30.8	-	-	30.4	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS . . . . .	.9	-	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	.2	.1	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	1.0	.1	-	-	-	.1	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
	VERMONT . . . . .	6.8	2.0	-	-	2.1	-	-	-	-	-	-
20	FOOD AND KINDRED PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	4.1	1.8	-	-	2.1	-	-	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	.4	-	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
	MASSACHUSETTS . . . . .	151.8	37.4	.5	16.7	31.6	2.6	2.2	1.5	9.2	9.9	2.1
20	FOOD AND KINDRED PRODUCTS . . . . .	14.2	.3	-	(Z)	.1	-	-	.2	-	-	-
22	TEXTILE MILL PRODUCTS . . . . .	5.2	2.0	-	-	1.6	.5	-	-	.3	-	-
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	49.5	29.1	-	15.5	26.1	.6	1.6	.2	7.6	8.7	1.4
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	13.3	2.3	-	-	1.5	.8	.3	-	.4	-	-
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	9.9	.8	-	-	.4	.2	-	.4	.1	-	-
31	LEATHER AND LEATHER PRODUCTS . . . . .	1.1	-	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	3.7	.5	-	-	-	-	-	.2	.2	-	-
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	26.0	.6	-	-	-	-	-	.1	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	6.6	1.2	-	-	1.0	-	.1	.1	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	1.2	-	-	-	-	-	-	-	-	-	-
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	9.3	.3	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
	RHODE ISLAND . . . . .	20.2	2.8	-	-	1.6	.3	.4	.3	.3	-	1.1
20	FOOD AND KINDRED PRODUCTS . . . . .	1.9	-	-	-	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS . . . . .	5.5	.7	-	-	.7	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	2.8	.6	-	-	-	-	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	5.8	.4	-	-	-	(Z)	-	-	.1	-	-
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	91.1	3.2	-	-	-	-	-	-	-	-	-
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	2.0	.1	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . . . .	5.4	.3	-	-	(Z)	-	-	-	-	-	-
	MIDDLE ATLANTIC DIVISION . . . . .	2559.8	575.8	25.6	152.0	197.9	78.9	17.7	173.3	234.0	203.7	22.9
	NEW YORK . . . . .	568.6	130.0	5.7	33.2	73.9	12.9	3.4	43.6	40.4	15.3	2.6
20	FOOD AND KINDRED PRODUCTS . . . . .	41.0	3.1	-	4.5	1.7	.9	.3	.5	.2	-	.2
21	TOBACCO MANUFACTURES . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS . . . . .	2.5	.9	-	-	-	.7	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE 6. Water Intake, Water Treated Prior to Use and Number of Establishments Treating Water Prior to Use by Type of Treatment: 1968—Continued

## C. STATES AND MAJOR INDUSTRY GROUPS—Continued

Code	State and major industry group	Number of establishments treating intake water prior to use by type of treatment										No treatment performed
		Total	Aeration	Coagulation	Filtration	Softening	Ion exchange	Corrosion control	pH	Settling	Other	
	UNITED STATES, TOTAL . . . . .	5 159	331	889	1 559	3 159	1 402	1 801	1 373	480	519	4 243
	NEW ENGLAND DIVISION . . . . .	338	21	58	166	116	61	115	95	36	39	373
	MAINE . . . . .	30	3	9	23	8	8	10	11	5	4	35
20	FOOD AND KINDRED PRODUCTS . . . . .	(D)	-	-	(O)	(D)	-	-	-	(D)	-	(D)
22	TEXTILE MILL PRODUCTS . . . . .	4	-	1	2	1	-	2	-	1	1	4
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	-	(O)	-	-	(D)	(O)	-	-	(O)
26	PAPER AND ALLIED PRODUCTS . . . . .	17	1	7	16	6	8	4	6	1	3	4
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	-	-	-	-	-	-	-	-	-	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(O)	-	-	(O)	-	-	(O)	(D)	(O)	-	-
31	LEATHER AND LEATHER PRODUCTS . . . . .	-	-	-	-	-	-	-	-	-	-	7
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(O)	-	-	-	-	-	-	-	-	-	(O)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(O)	-	-	-	-	-	-	-	-	-	(O)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(O)	-	-	(O)	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	(O)	-	-	-	-	-	(D)	(O)	-	-	-
	NEW HAMPSHIRE . . . . .	33	-	5	17	9	4	13	7	1	4	24
20	FOOD AND KINDRED PRODUCTS . . . . .	(O)	(O)	(O)	(O)	-	-	-	-	-	-	(O)
22	TEXTILE MILL PRODUCTS . . . . .	9	-	-	6	-	-	1	1	1	-	4
24	LUMBER AND WOOD PRODUCTS . . . . .	6	-	3	5	1	1	2	-	-	2	4
26	PAPER AND ALLIED PRODUCTS . . . . .	(O)	(D)	(O)	-	-	(D)	-	(D)	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(O)	(O)	(O)	-	-	(O)	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(D)	(O)	(O)	(O)	-	-	-	-	-	-	(D)
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(O)	(O)	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	4	-	1	1	1	-	3	1	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(O)	(O)	-	(O)	-	(O)	-	-	-	(O)
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(O)	(O)	-	-	-	-	-	-	-	(O)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(O)	(O)	-	-	-	(D)	(O)	-	-	(O)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	6	-	1	3	5	2	2	2	-	2	-
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(O)	-	-	-	-	-	-	-	(D)
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(O)	(D)	(O)	-	(O)	-	(D)	(O)	-	-	-
	VERMONT . . . . .	11	-	-	5	2	1	2	-	3	-	11
20	FOOD AND KINDRED PRODUCTS . . . . .	(O)	(D)	-	-	-	-	-	-	-	-	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	4	-	-	4	-	-	1	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(D)	(O)	-	-	(O)	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	3	-	-	-	-	-	-	-	3	-	2
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(O)	-	-	-	-	(O)	-	-	-	(O)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(O)	(D)	-	-	-	(O)	-	-	-	-	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(O)	-	-	-	-	-	-	-	-	(O)
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(O)	-	(D)	(O)	-	-	-	-	-	-
	MASSACHUSETTS . . . . .	142	8	32	75	47	30	45	42	17	15	133
20	FOOD AND KINDRED PRODUCTS . . . . .	15	-	4	7	4	1	5	3	1	1	17
22	TEXTILE MILL PRODUCTS . . . . .	20	-	3	12	7	-	2	4	-	3	14
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(O)	-	-	-	-	-	-	-	-	(O)
25	FURNITURE AND FIXTURES . . . . .	(O)	(D)	-	-	-	-	-	(O)	-	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	41	-	17	30	11	6	9	13	12	5	6
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	15	2	2	7	8	8	2	4	1	1	10
29	PETROLEUM AND COAL PRODUCTS . . . . .	(O)	(O)	-	-	(D)	-	(D)	(O)	-	-	(O)
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	10	2	-	5	6	1	7	4	2	1	14
31	LEATHER AND LEATHER PRODUCTS . . . . .	-	-	-	-	-	-	-	-	-	-	9
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(O)	(O)	-	-	-	(O)	-	-	-	-	(O)
33	PRIMARY METAL INDUSTRIES . . . . .	8	-	-	2	3	1	5	5	-	-	10
34	FABRICATED METAL PRODUCTS . . . . .	(O)	(D)	-	(O)	-	(O)	-	-	-	-	(O)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	6	2	2	2	2	-	4	1	-	2	12
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	13	2	3	7	2	9	5	2	1	1	10
37	TRANSPORTATION EQUIPMENT . . . . .	3	-	-	-	2	1	2	2	-	-	3
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	4	-	1	1	1	1	1	2	-	1	2
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	-	(O)	-	-	(D)	-	-	-	(O)
	RHODE ISLAND . . . . .	40	2	3	16	16	7	10	11	2	6	38
20	FOOD AND KINDRED PRODUCTS . . . . .	3	-	-	1	-	1	1	1	-	1	4
22	TEXTILE MILL PRODUCTS . . . . .	15	1	2	10	3	1	2	3	-	3	9
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(O)	(O)	(O)	(O)	(O)	(D)	(D)	(D)	-	(D)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	4	-	-	1	3	2	1	1	-	-	2
29	PETROLEUM AND COAL PRODUCTS . . . . .	(O)	(O)	-	-	(O)	-	-	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(O)	(O)	-	-	-	-	(O)	-	-	-	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(O)	-	-	-	(O)	-	-	-	-	(O)
33	PRIMARY METAL INDUSTRIES . . . . .	10	1	-	2	7	1	2	4	1	2	3
34	FABRICATED METAL PRODUCTS . . . . .	(O)	(O)	-	-	-	-	-	-	-	-	(O)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(O)	(O)	-	-	-	-	(O)	-	-	-	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(O)	-	-	(O)	-	(O)	(O)	-	-	(O)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(O)	-	(O)	-	-	-	-	-	-	(D)
	CONNECTICUT . . . . .	82	8	9	30	34	11	35	24	8	10	132
20	FOOD AND KINDRED PRODUCTS . . . . .	4	-	-	2	1	1	1	1	-	-	4
22	TEXTILE MILL PRODUCTS . . . . .	7	-	1	4	3	-	1	2	1	1	8
25	FURNITURE AND FIXTURES . . . . .	(O)	(O)	-	-	-	-	-	-	-	-	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	4	1	3	3	3	1	3	2	2	-	5
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	6	-	1	2	3	2	3	3	1	2	3
29	PETROLEUM AND COAL PRODUCTS . . . . .	(O)	(O)	-	-	(O)	-	(D)	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	7	-	-	-	4	1	2	-	-	-	13
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	-	-	-	-	-	-	-	-	-	-	8
33	PRIMARY METAL INDUSTRIES . . . . .	14	2	4	6	3	1	6	3	2	2	19
34	FABRICATED METAL PRODUCTS . . . . .	10	2	-	-	4	1	6	5	1	3	21
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	4	-	-	1	-	-	3	-	-	1	17
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	4	-	-	2	2	1	2	-	-	-	13
37	TRANSPORTATION EQUIPMENT . . . . .	6	-	-	2	3	-	2	2	-	-	7
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	5	1	-	2	3	2	1	2	-	-	3
39	MISC. MANUFACTURING INDUSTRIES . . . . .	8	1	-	5	2	1	2	2	1	1	8
	MIDDLE ATLANTIC DIVISION . . . . .	920	46	139	293	587	232	298	213	69	72	716
	NEW YORK . . . . .	281	11	47	104	158	69	95	50	14	22	259
20	FOOD AND KINDRED PRODUCTS . . . . .	61	1	12	24	29	9	16	11	-	6	74
21	TOBACCO MANUFACTURES . . . . .	(O)	(D)	(D)	(O)	-	(O)	-	-	(D)	-	-
22	TEXTILE MILL PRODUCTS . . . . .	8	-	1	1	7	-	1	-	-	-	8
24	LUMBER AND WOOD PRODUCTS . . . . .	(O)	(O)	-	(O)	(O)	-	(O)	-	-	-	(D)

See footnotes at end of table.



TABLE 6. Water Intake, Water Treated Prior to Use and Number of Establishments Treating Water Prior to Use by Type of Treatment: 1968—Continued

C. STATES AND MAJOR INDUSTRY GROUPS—Continued

Code	State and major industry group	Water intake (billion gallons)										
		Total	Treated prior to use by type of treatment									
			Total	Aeration	Coagulation	Filtration	Softening	Ion exchange	Corrosion control	pH	Settling	Other
25	NEW YORK	(0)	(0)	-	-	-	-	-	-	-	-	-
26	FURNITURE AND FIXTURES . . . . .	70.7	44.5	-	9.2	37.5	1.1	-	.4	.5	10.2	1.1
28	PAPER AND ALLIED PRODUCTS . . . . .	134.1	46.1	-	6.3	6.0	3.8	.7	36.6	38.1	-	.1
29	CHEMICALS AND ALLIED PRODUCTS . . . . .	(0)	(0)	-	-	-	-	-	-	-	-	-
30	PETROLEUM AND COAL PRODUCTS . . . . .	5.5	1.2	-	-	-	.3	-	-	-	-	-
31	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	.4	.2	-	-	.1	-	-	-	-	-	-
32	LEATHER AND LEATHER PRODUCTS . . . . .	8.3	1.4	-	-	-	.1	-	-	-	-	-
33	STONE, CLAY, AND GLASS PRODUCTS . . . . .	183.7	6.4	-	-	4.6	2.9	-	4.0	-	-	-
34	PRIMARY METAL INDUSTRIES . . . . .	2.6	.3	-	-	-	.1	-	.1	-	-	-
35	FABRICATED METAL PRODUCTS . . . . .	50.3	1.1	-	-	-	.3	.2	.5	.3	-	-
36	MACHINERY, EXCEPT ELECTRICAL . . . . .	14.6	3.2	-	.1	2.0	1.9	.9	.4	-	-	-
37	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	18.8	9.2	-	-	-	.2	-	.2	.2	-	-
38	TRANSPORTATION EQUIPMENT . . . . .	16.0	11.3	-	-	11.0	.2	.2	.3	.3	-	-
39	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(0)	(0)	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(0)	(0)	-	-	-	-	-	-	-	-	-
20	NEW JERSEY . . . . .	411.5	96.5	9.1	28.2	29.8	18.7	5.9	54.2	59.4	12.3	3.0
22	FOOD AND KINDRED PRODUCTS . . . . .	17.5	2.1	-	.1	.8	.4	.2	.7	1.6	-	-
26	TEXTILE MILL PRODUCTS . . . . .	2.1	.5	-	-	.2	.3	-	-	-	-	-
28	PAPER AND ALLIED PRODUCTS . . . . .	19.7	9.1	-	6.5	6.1	.7	.1	.1	2.6	-	-
29	CHEMICALS AND ALLIED PRODUCTS . . . . .	195.1	63.2	5.7	12.1	16.1	6.0	1.6	45.2	46.2	4.2	.9
30	PETROLEUM AND COAL PRODUCTS . . . . .	105.6	7.2	-	-	3.0	3.1	3.4	5.8	6.1	-	-
31	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	5.9	.5	-	-	.2	.2	-	.1	.1	-	-
32	LEATHER AND LEATHER PRODUCTS . . . . .	(0)	(0)	-	-	-	-	-	-	-	-	-
33	STONE, CLAY, AND GLASS PRODUCTS . . . . .	12.1	7.0	-	-	-	5.9	.3	1.0	.9	-	-
34	PRIMARY METAL INDUSTRIES . . . . .	22.6	1.4	-	-	-	.4	-	.3	.7	-	-
35	FABRICATED METAL PRODUCTS . . . . .	1.5	.1	-	-	-	-	-	-	-	-	-
36	MACHINERY, EXCEPT ELECTRICAL . . . . .	9.0	.9	-	-	-	.1	-	-	-	-	-
37	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	11.5	1.8	-	-	-	1.4	.1	.2	.1	-	-
38	TRANSPORTATION EQUIPMENT . . . . .	2.8	1.1	-	-	-	-	-	-	-	-	-
39	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(0)	(0)	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(0)	(0)	-	-	-	-	-	-	-	-	-
20	PENNSYLVANIA . . . . .	1 579.8	349.3	10.8	90.5	94.2	47.4	8.4	75.6	134.2	176.1	17.3
22	FOOD AND KINDRED PRODUCTS . . . . .	36.2	3.0	-	.5	1.6	1.5	.3	.3	.6	.2	-
26	TEXTILE MILL PRODUCTS . . . . .	(0)	(0)	-	-	-	-	-	-	-	-	-
28	PAPER AND ALLIED PRODUCTS . . . . .	3.3	1.9	-	-	.8	1.1	-	.1	(Z)	-	-
29	CHEMICALS AND ALLIED PRODUCTS . . . . .	(0)	(0)	-	-	-	-	-	-	-	-	-
30	PETROLEUM AND COAL PRODUCTS . . . . .	(0)	(0)	-	-	-	-	-	-	-	-	-
31	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(0)	(0)	-	-	-	-	-	-	-	-	-
32	LEATHER AND LEATHER PRODUCTS . . . . .	68.5	43.3	-	40.7	41.5	7.0	-	4.3	16.9	12.9	-
33	CHEMICALS AND ALLIED PRODUCTS . . . . .	174.8	12.9	-	9.2	8.3	5.7	1.2	.8	6.6	5.0	.4
34	PETROLEUM AND COAL PRODUCTS . . . . .	118.4	12.7	-	9.3	10.1	6.0	2.8	3.1	7.6	-	-
35	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	5.3	1.8	-	-	-	.4	-	.5	.7	-	-
36	LEATHER AND LEATHER PRODUCTS . . . . .	1.2	.8	-	-	-	-	-	-	-	-	-
37	STONE, CLAY, AND GLASS PRODUCTS . . . . .	23.2	3.3	-	-	2.6	.4	(Z)	.1	.1	-	-
38	PRIMARY METAL INDUSTRIES . . . . .	1 111.3	264.0	7.1	29.5	27.8	22.6	2.6	63.9	101.2	155.1	14.8
39	FABRICATED METAL PRODUCTS . . . . .	5.8	.8	-	-	-	.3	-	.5	.1	-	-
30	MACHINERY, EXCEPT ELECTRICAL . . . . .	13.4	1.2	-	-	.1	.6	-	.2	(Z)	-	-
31	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	10.1	2.3	-	-	-	1.0	.4	1.0	.1	-	-
32	TRANSPORTATION EQUIPMENT . . . . .	4.6	.7	-	-	-	.3	-	.4	-	-	-
33	INSTRUMENTS AND RELATED PRODUCTS . . . . .	.9	.1	-	-	-	(Z)	-	-	-	-	-
34	MISC. MANUFACTURING INDUSTRIES . . . . .	.9	.5	-	-	-	.1	-	-	-	-	-
20	EAST NORTH CENTRAL DIVISION . . . . .	4 256.6	651.5	40.5	146.1	223.7	125.0	53.0	78.5	77.5	88.8	292.8
22	OHIO . . . . .	1 204.0	158.1	18.3	29.6	51.8	50.6	9.4	25.7	27.7	24.5	60.4
26	FOOD AND KINDRED PRODUCTS . . . . .	17.0	8.0	.2	1.9	2.2	4.0	.3	5.2	2.1	2.0	.3
28	TEXTILE MILL PRODUCTS . . . . .	(0)	(0)	-	-	-	.3	-	-	-	-	-
29	PAPER AND ALLIED PRODUCTS . . . . .	(0)	(0)	-	-	-	-	-	-	-	-	-
30	CHEMICALS AND ALLIED PRODUCTS . . . . .	46.8	24.0	14.8	-	11.8	7.1	-	.3	-	-	-
31	PETROLEUM AND COAL PRODUCTS . . . . .	154.2	28.2	-	3.2	20.5	19.0	2.2	5.7	14.7	12.9	.3
32	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	57.4	2.3	-	-	-	1.4	1.0	-	-	-	-
33	LEATHER AND LEATHER PRODUCTS . . . . .	42.2	11.2	-	-	3.8	1.5	1.4	2.4	.3	-	3.6
34	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(0)	(0)	-	-	-	-	-	-	-	-	-
35	PRIMARY METAL INDUSTRIES . . . . .	20.9	1.3	-	.3	.7	.4	.4	.4	.1	-	.6
36	FABRICATED METAL PRODUCTS . . . . .	802.9	69.3	10.2	7.3	10.9	2.2	6.8	7.4	7.1	49.4	.4
37	MACHINERY, EXCEPT ELECTRICAL . . . . .	10.6	1.2	-	-	.3	(Z)	.3	.2	.1	-	-
38	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	9.0	3.3	-	-	.7	.2	.2	.1	-	-	-
39	TRANSPORTATION EQUIPMENT . . . . .	17.7	2.6	-	-	.8	.5	.1	.1	-	-	-
30	INSTRUMENTS AND RELATED PRODUCTS . . . . .	19.2	4.3	-	3.0	3.4	.2	3.6	2.8	-	-	-
31	MISC. MANUFACTURING INDUSTRIES . . . . .	(0)	(0)	-	-	-	-	-	-	-	-	-
20	INDIANA . . . . .	1 106.2	41.6	9.2	14.6	21.6	22.0	15.1	18.5	16.6	10.2	7.8
22	FOOD AND KINDRED PRODUCTS . . . . .	20.6	4.0	-	-	1.1	1.5	.4	1.6	.2	-	-
24	TEXTILE MILL PRODUCTS . . . . .	.6	-	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	(0)	(0)	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	7.5	1.9	-	-	-	.2	.1	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS . . . . .	38.1	8.1	3.5	-	-	1.2	.5	2.0	.8	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	84.7	2.6	-	-	1.1	1.8	-	1.1	-	-	-
31	LEATHER AND LEATHER PRODUCTS . . . . .	5.5	.4	-	-	-	.3	-	.1	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	14.3	.8	-	-	.5	.1	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	905.8	17.3	11.2	14.0	12.8	12.2	12.4	11.4	9.2	-	-
34	FABRICATED METAL PRODUCTS . . . . .	2.8	.3	-	-	.1	.1	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	4.8	1.5	-	-	.3	.3	-	.8	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	9.3	1.7	-	1.0	1.2	.6	.3	.5	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	10.6	2.2	-	-	1.6	-	.1	1.3	-	-	-
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(0)	(0)	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(0)	(0)	-	-	-	-	-	-	-	-	-
20	ILLINOIS . . . . .	761.3	242.9	2.3	16.3	37.6	25.2	9.6	13.0	13.1	6.9	184.4
22	FOOD AND KINDRED PRODUCTS . . . . .	61.4	10.9	-	.6	2.9	4.4	2.9	1.4	2.5	-	4.9
24	TEXTILE MILL PRODUCTS . . . . .	(0)	(0)	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	(0)	(0)	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	1.5	-	-	-	-	-	-	-	-	-	-
29	FURNITURE AND FIXTURES . . . . .	.4	-	-	-	-	-	-	-	-	-	-
30	PAPER AND ALLIED PRODUCTS . . . . .	22.5	5.8	-	-	3.7	.7	.2	.1	.1	-	-
31	CHEMICALS AND ALLIED PRODUCTS . . . . .	61.7	13.0	-	-	1.4	4.2	2.6	3.6	1.7	-	4.3

See footnotes at end of table.

TABLE 6. Water Intake, Water Treated Prior to Use and Number of Establishments Treating Water Prior to Use by Type of Treatment: 1968—Continued

## C. STATES AND MAJOR INDUSTRY GROUPS—Continued

Code	State and major industry group	Number of establishments treating intake water prior to use by type of treatment										No treatment performed
		Total	Aeration	Coagulation	Filtration	Softening	Ion exchange	Corrosion control	pH	Settling	Other	
25	NEW YORK											
25	FURNITURE AND FIXTURES . . . . .	(0)	(0)	-	-	(0)	-	-	-	-	-	(0)
26	PAPER AND ALLIED PRODUCTS . . . . .	35	-	11	23	16	2	6	4	6	5	15
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	37	-	9	13	20	18	14	9	3	4	19
29	PETROLEUM AND COAL PRODUCTS . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	7	-	1	2	7	2	1	1	1	1	7
31	LEATHER AND LEATHER PRODUCTS . . . . .	5	3	1	4	3	-	1	1	1	1	2
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	13	-	1	1	6	3	2	3	1	1	21
33	PRIMARY METAL INDUSTRIES . . . . .	23	2	-	9	13	2	11	3	-	1	29
34	FABRICATED METAL PRODUCTS . . . . .	12	2	-	1	8	1	6	2	-	-	10
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	15	-	2	3	8	5	10	4	-	-	17
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	26	1	4	12	17	13	8	3	1	-	26
37	TRANSPORTATION EQUIPMENT . . . . .	16	1	-	1	10	2	8	4	-	1	7
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	14	-	3	7	10	8	7	4	-	-	9
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(0)	(0)	-	-	-	-	(0)	-	-	(0)	(0)
20	NEW JERSEY . . . . .	258	17	31	70	165	85	77	67	17	22	160
20	FOOD AND KINDRED PRODUCTS . . . . .	29	1	4	10	19	5	10	8	-	2	22
22	TEXTILE MILL PRODUCTS . . . . .	8	-	-	4	5	-	-	2	1	1	11
26	PAPER AND ALLIED PRODUCTS . . . . .	20	1	7	8	13	4	4	5	3	3	5
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	89	9	13	25	61	39	19	20	7	7	31
29	PETROLEUM AND COAL PRODUCTS . . . . .	8	1	2	4	7	7	7	5	3	1	-
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	15	3	-	5	10	2	5	5	-	-	15
31	LEATHER AND LEATHER PRODUCTS . . . . .	(0)	(0)	-	-	(0)	-	(0)	(0)	-	-	(0)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	20	-	1	3	10	10	6	4	-	1	6
33	PRIMARY METAL INDUSTRIES . . . . .	21	-	-	3	16	3	8	5	-	3	19
34	FABRICATED METAL PRODUCTS . . . . .	9	-	-	2	3	3	2	1	-	2	7
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	9	-	-	-	6	3	2	3	2	-	9
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	19	1	2	3	10	5	10	6	-	-	19
37	TRANSPORTATION EQUIPMENT . . . . .	7	(0)	1	1	3	3	2	1	-	2	7
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	-	(0)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(0)	(0)	-	(0)	-	-	-	-	-	-	(0)
20	PENNSYLVANIA . . . . .	381	18	61	119	264	78	126	96	38	28	297
20	FOOD AND KINDRED PRODUCTS . . . . .	56	1	5	22	41	10	15	9	5	3	48
21	TOBACCO MANUFACTURES . . . . .	(0)	(0)	-	-	-	-	-	-	-	-	(0)
22	TEXTILE MILL PRODUCTS . . . . .	23	2	-	5	15	1	4	4	-	-	10
24	LUMBER AND WOOD PRODUCTS . . . . .	(0)	(0)	-	-	(0)	-	-	-	-	-	(0)
25	FURNITURE AND FIXTURES . . . . .	(0)	(0)	-	-	-	(0)	-	-	-	-	(0)
26	PAPER AND ALLIED PRODUCTS . . . . .	31	1	15	15	20	3	9	12	7	2	11
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	46	1	10	15	31	17	14	15	5	6	19
29	PETROLEUM AND COAL PRODUCTS . . . . .	12	-	4	8	10	5	6	5	1	-	5
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	17	1	2	2	11	3	10	6	3	2	14
31	LEATHER AND LEATHER PRODUCTS . . . . .	4	-	1	1	3	-	-	-	-	-	4
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	20	1	-	8	12	5	6	4	1	3	41
33	PRIMARY METAL INDUSTRIES . . . . .	68	10	19	31	53	14	19	25	15	4	48
34	FABRICATED METAL PRODUCTS . . . . .	25	1	1	3	16	1	13	4	1	-	25
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	21	-	2	4	13	2	10	4	-	3	19
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	30	-	2	3	19	11	9	4	-	2	29
37	TRANSPORTATION EQUIPMENT . . . . .	12	-	-	1	8	-	5	3	-	1	5
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	6	-	-	-	5	3	2	-	-	2	5
39	MISC. MANUFACTURING INDUSTRIES . . . . .	6	-	-	1	4	2	2	1	-	-	1
20	EAST NORTH CENTRAL DIVISION . . . . .	1 409	80	159	333	991	404	441	325	73	141	1 131
20	OHIO . . . . .	417	24	45	89	304	120	145	97	22	43	300
20	FOOD AND KINDRED PRODUCTS . . . . .	66	5	9	12	55	12	19	15	4	3	34
22	TEXTILE MILL PRODUCTS . . . . .	4	1	-	1	4	-	-	-	-	1	1
24	LUMBER AND WOOD PRODUCTS . . . . .	(0)	(0)	-	-	(0)	-	(0)	-	-	-	-
25	FURNITURE AND FIXTURES . . . . .	3	-	-	2	2	-	1	1	-	1	2
26	PAPER AND ALLIED PRODUCTS . . . . .	23	4	3	5	16	2	4	1	3	2	18
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	66	3	10	18	51	28	25	17	4	5	23
29	PETROLEUM AND COAL PRODUCTS . . . . .	10	-	2	3	5	7	3	-	-	1	7
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	35	3	2	9	24	9	15	8	-	6	15
31	LEATHER AND LEATHER PRODUCTS . . . . .	(0)	(0)	-	(0)	-	-	-	-	-	-	(0)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	26	1	2	5	20	6	5	4	3	5	19
33	PRIMARY METAL INDUSTRIES . . . . .	58	1	12	18	42	15	27	20	6	5	55
34	FABRICATED METAL PRODUCTS . . . . .	29	1	1	2	21	6	9	10	-	5	52
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	29	-	-	-	18	8	10	8	-	3	21
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	28	-	-	3	18	14	6	4	-	2	20
37	TRANSPORTATION EQUIPMENT . . . . .	34	3	3	5	21	8	17	9	1	2	23
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	-	-	-	(0)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(0)	(0)	-	(0)	(0)	(0)	-	-	-	-	(0)
20	INDIANA . . . . .	216	19	15	44	164	57	65	61	13	12	131
20	FOOD AND KINDRED PRODUCTS . . . . .	39	1	3	6	32	7	8	9	1	1	17
24	LUMBER AND WOOD PRODUCTS . . . . .	3	-	-	-	3	-	-	1	-	-	2
25	FURNITURE AND FIXTURES . . . . .	(0)	(0)	-	-	-	-	-	-	-	-	(0)
26	PAPER AND ALLIED PRODUCTS . . . . .	9	1	2	3	7	4	2	2	-	-	4
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	17	4	1	11	8	6	4	3	2	1	6
29	PETROLEUM AND COAL PRODUCTS . . . . .	8	-	-	4	8	2	5	4	1	-	1
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	10	1	-	3	8	1	4	3	-	1	7
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	16	1	1	7	11	3	3	3	1	-	8
33	PRIMARY METAL INDUSTRIES . . . . .	33	3	4	9	25	11	12	11	5	3	22
34	FABRICATED METAL PRODUCTS . . . . .	16	3	1	2	11	5	3	2	1	2	18
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	17	1	-	1	11	3	4	3	1	1	12
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	24	2	1	5	19	10	10	10	-	2	14
37	TRANSPORTATION EQUIPMENT . . . . .	20	1	1	2	15	3	5	7	1	1	14
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(0)	(0)	(0)	(0)	(0)	-	(0)	-	-	-	(0)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(0)	(0)	-	-	-	-	-	-	-	-	(0)
20	ILLINOIS . . . . .	363	15	36	79	244	110	101	83	11	39	263
20	FOOD AND KINDRED PRODUCTS . . . . .	96	3	11	26	54	29	24	16	3	11	46
21	TOBACCO MANUFACTURES . . . . .	(0)	(0)	-	-	(0)	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS . . . . .	(0)	(0)	-	(0)	(0)	-	-	-	-	(0)	(0)
24	LUMBER AND WOOD PRODUCTS . . . . .	3	-	-	-	1	-	-	-	-	-	3
25	FURNITURE AND FIXTURES . . . . .	3	-	-	-	-	2	-	-	-	-	2
26	PAPER AND ALLIED PRODUCTS . . . . .	21	1	3	7	17	7	4	5	-	2	10
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	45	3	3	12	33	24	10	9	-	5	22

See footnotes at end of table.



TABLE 6. Water Intake, Water Treated Prior to Use and Number of Establishments Treating Water Prior to Use by Type of Treatment: 1968—Continued

C. STATES AND MAJOR INDUSTRY GROUPS—Continued

Code	Industry group and industry	Water intake (billion gallons)										
		Total	Treated prior to use by type of treatment									
			Total	Aeration	Coagulation	Filtration	Softening	Ion exchange	Corrosion control	pH	Settling	Other
ILLINOIS												
29	PETROLEUM AND COAL PRODUCTS . . . . .	142.0	10.7	-	3.7	5.7	9.2	1.2	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	4.0	.9	-	-	-	.8	-	(2)	.1	-	-
31	LEATHER AND LEATHER PRODUCTS . . . . .	1.0	-	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	31.6	1.3	-	-	-	1.1	-	-	.7	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	366.6	182.5	-	2.2	15.3	1.9	1.6	.4	1.6	-	-
34	FABRICATED METAL PRODUCTS . . . . .	7.0	.9	-	-	-	.5	-	.1	.1	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	22.9	3.6	-	2.8	2.9	.5	.2	.3	.3	-	.2
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	8.9	1.1	-	-	-	.3	.3	.4	.3	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	3.5	1.3	-	-	-	.9	-	.5	.6	-	-
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	3.3	1.6	-	-	-	.3	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . . . .	.7	-	-	-	-	-	-	-	-	-	-
MICHIGAN												
20	FOOD AND KINDRED PRODUCTS . . . . .	891.7	90.8	1.9	20.9	57.3	17.7	13.8	16.7	5.6	7.8	12.2
22	TEXTILE MILL PRODUCTS . . . . .	16.3	.8	-	.2	.3	.7	-	.1	.2	-	-
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	.6	-	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	74.7	42.3	-	14.4	41.2	5.2	9.4	.7	2.3	4.7	-
29	PETROLEUM AND COAL PRODUCTS . . . . .	198.1	24.9	.6	.6	2.9	1.4	2.4	10.4	.4	-	10.6
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	37.1	1.7	-	-	-	.5	.7	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS . . . . .	7.9	(D)	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	19.2	1.8	-	-	-	.2	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . . . .	419.4	8.7	-	-	5.7	4.0	1.0	1.1	1.1	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	7.6	.7	-	-	.4	.3	-	.1	.1	-	(2)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	7.0	.7	-	-	-	.2	-	.2	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	95.9	8.4	-	-	5.8	5.2	.1	2.7	.2	-	.6
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
WISCONSIN												
20	FOOD AND KINDRED PRODUCTS . . . . .	293.3	118.1	8.8	64.7	55.8	9.6	5.1	4.7	14.8	39.4	28.0
22	TEXTILE MILL PRODUCTS . . . . .	35.8	4.3	-	.1	1.3	1.0	.1	.1	.3	1.2	.6
24	LUMBER AND WOOD PRODUCTS . . . . .	.3	.1	-	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	187.8	98.6	-	54.9	42.7	6.0	4.7	2.9	6.3	38.2	27.1
29	PETROLEUM AND COAL PRODUCTS . . . . .	17.4	9.0	-	-	-	.1	-	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS . . . . .	2.6	(D)	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	10.0	3.4	-	-	3.1	1.3	-	1.2	-	-	-
34	FABRICATED METAL PRODUCTS . . . . .	3.4	.4	-	-	-	.1	(2)	(2)	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	15.8	1.4	-	-	.7	.6	.1	.4	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	4.5	.2	-	-	-	.1	(2)	(2)	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	3.5	.1	-	-	-	-	-	-	-	-	-
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
WEST NORTH CENTRAL DIVISION												
		413.8	106.1	6.9	42.6	33.9	28.6	11.5	36.0	34.4	13.9	17.7
MINNESOTA												
20	FOOD AND KINDRED PRODUCTS . . . . .	120.8	27.4	.3	9.4	8.1	4.9	1.7	7.7	1.9	-	7.1
22	TEXTILE MILL PRODUCTS . . . . .	31.1	8.7	.2	-	.7	.8	.3	3.8	.2	-	3.8
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	58.0	11.8	-	9.0	-	.4	-	.5	-	-	-
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	3.2	-	-	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	15.6	.8	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	.8	.3	-	-	-	(2)	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	.9	-	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
IOWA												
20	FOOD AND KINDRED PRODUCTS . . . . .	111.7	25.7	1.7	11.4	7.4	5.3	2.0	8.9	11.0	-	5.5
25	FURNITURE AND FIXTURES . . . . .	50.5	12.6	-	3.6	4.4	3.5	1.3	4.8	4.1	-	4.7
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	1.3	-	-	-	(D)	(D)	(D)	(D)	(D)	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	2.1	-	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	8.6	.1	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	15.9	1.3	-	-	-	.1	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	1.6	.3	-	-	-	(2)	-	(2)	(2)	-	-
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
MISSOURI												
20	FOOD AND KINDRED PRODUCTS . . . . .	97.1	20.8	1.3	11.8	9.3	6.7	1.7	3.8	10.4	3.3	1.5
21	TOBACCO MANUFACTURES . . . . .	18.1	3.7	.4	(2)	1.9	1.2	.3	.2	.3	-	1.4
22	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	1.2	.2	-	-	-	(2)	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS . . . . .	27.1	7.8	-	-	-	1.4	1.0	1.2	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	9.8	2.5	-	-	-	.3	-	1.1	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	24.7	2.7	-	-	-	2.1	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . . . .	1.4	.1	-	-	-	-	-	.1	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-

See footnotes at end of table.



TABLE 6. Water Intake, Water Treated Prior to Use and Number of Establishments Treating Water Prior to Use by Type of Treatment: 1968—Continued

## C. STATES AND MAJOR INDUSTRY GROUPS—Continued

Code	Industry group and industry	Number of establishments treating intake water prior to use by type of treatment										No treatment performed
		Total	Aeration	Coagulation	Filtration	Softening	Ion exchange	Corrosion control	pH	Settling	Other	
ILLINOIS												
29	PETROLEUM AND COAL PRODUCTS . . . . .	13	2	4	7	10	6	3	2	1	2	8
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	16	1	—	3	14	3	4	6	—	1	4
31	LEATHER AND LEATHER PRODUCTS . . . . .	3	—	—	—	1	—	2	—	—	—	4
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	14	1	3	3	11	1	3	4	1	2	18
33	PRIMARY METAL INDUSTRIES . . . . .	36	1	5	6	24	5	13	9	2	3	29
34	FABRICATED METAL PRODUCTS . . . . .	28	—	1	—	23	3	10	7	—	2	42
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	42	2	4	7	28	11	14	12	1	7	30
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	22	1	1	2	11	11	6	8	1	1	27
37	TRANSPORTATION EQUIPMENT . . . . .	6	—	—	1	4	2	4	4	1	—	8
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	9	—	—	2	7	3	1	1	—	1	4
39	MISC. MANUFACTURING INDUSTRIES . . . . .	3	—	—	—	2	2	1	—	—	—	5
MICHIGAN . . . . .												
20	FOOD AND KINDRED PRODUCTS . . . . .	219	11	31	68	139	64	74	52	13	26	256
22	TEXTILE MILL PRODUCTS . . . . .	25	1	4	5	16	3	9	8	2	2	43
24	LUMBER AND WOOD PRODUCTS . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
25	FURNITURE AND FIXTURES . . . . .	3	—	—	—	2	—	1	1	—	1	2
26	PAPER AND ALLIED PRODUCTS . . . . .	30	—	11	24	16	13	6	7	4	1	5
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	35	4	5	10	21	19	15	9	3	6	13
29	PETROLEUM AND COAL PRODUCTS . . . . .	6	1	2	2	4	5	3	3	—	1	2
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	3	—	—	—	2	1	1	1	—	—	(0)
31	LEATHER AND LEATHER PRODUCTS . . . . .	(0)	(0)	—	—	(0)	—	(0)	—	—	—	(0)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	10	—	3	2	5	—	2	—	1	1	11
33	PRIMARY METAL INDUSTRIES . . . . .	25	1	3	9	17	5	6	4	1	1	44
34	FABRICATED METAL PRODUCTS . . . . .	20	—	—	4	11	2	7	7	1	4	45
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	15	—	—	2	10	2	6	2	—	3	19
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(0)	(0)	—	—	(0)	—	(0)	—	—	—	(0)
37	TRANSPORTATION EQUIPMENT . . . . .	39	3	2	7	30	13	14	8	—	6	44
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(0)	(0)	—	—	—	—	—	—	—	—	(0)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(0)	(0)	—	—	(0)	—	—	—	—	—	(0)
WISCONSIN . . . . .												
20	FOOD AND KINDRED PRODUCTS . . . . .	194	11	32	53	140	53	56	32	14	21	181
22	TEXTILE MILL PRODUCTS . . . . .	70	3	5	9	55	7	16	11	4	11	60
24	LUMBER AND WOOD PRODUCTS . . . . .	(0)	(0)	—	—	(0)	—	(0)	(0)	—	—	(0)
25	FURNITURE AND FIXTURES . . . . .	(0)	(0)	—	—	(0)	—	(0)	(0)	—	—	(0)
26	PAPER AND ALLIED PRODUCTS . . . . .	36	3	20	24	24	16	12	7	10	4	12
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	6	—	2	2	4	3	—	1	—	—	4
29	PETROLEUM AND COAL PRODUCTS . . . . .	(0)	(0)	—	—	(0)	—	—	—	—	—	(0)
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(0)	(0)	—	—	(0)	(0)	—	—	—	—	(0)
31	LEATHER AND LEATHER PRODUCTS . . . . .	3	—	—	—	3	1	—	1	—	—	7
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(0)	(0)	—	—	—	(0)	—	—	—	—	(0)
33	PRIMARY METAL INDUSTRIES . . . . .	14	2	2	5	7	2	6	1	—	1	18
34	FABRICATED METAL PRODUCTS . . . . .	18	—	—	—	11	6	4	2	—	2	17
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	19	3	3	7	15	8	10	3	—	2	23
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	11	—	—	3	9	6	4	2	—	—	12
37	TRANSPORTATION EQUIPMENT . . . . .	4	—	—	—	2	1	3	3	—	—	6
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(0)	(0)	—	—	—	—	—	—	—	(0)	(0)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(0)	(0)	—	—	(0)	—	—	—	—	—	(0)
WEST NORTH CENTRAL DIVISION . . . . .												
		382	30	45	80	252	108	151	105	19	53	304
MINNESOTA . . . . .												
20	FOOD AND KINDRED PRODUCTS . . . . .	89	5	7	13	54	23	39	16	3	17	102
22	TEXTILE MILL PRODUCTS . . . . .	41	4	1	7	22	10	19	7	1	9	67
24	LUMBER AND WOOD PRODUCTS . . . . .	(0)	(0)	—	—	(0)	—	—	—	—	—	(0)
25	FURNITURE AND FIXTURES . . . . .	(0)	(0)	—	—	(0)	—	—	—	—	—	(0)
26	PAPER AND ALLIED PRODUCTS . . . . .	10	—	5	3	4	2	4	2	2	2	3
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	(0)	(0)	—	—	(0)	(0)	(0)	(0)	—	—	(0)
29	PETROLEUM AND COAL PRODUCTS . . . . .	3	—	—	1	3	1	2	2	—	1	2
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(0)	(0)	—	—	(0)	—	(0)	—	—	—	(0)
31	LEATHER AND LEATHER PRODUCTS . . . . .	(0)	(0)	—	—	(0)	—	(0)	(0)	—	(0)	(0)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(0)	(0)	—	—	(0)	(0)	—	—	—	—	(0)
33	PRIMARY METAL INDUSTRIES . . . . .	4	—	1	1	2	—	1	—	—	1	5
34	FABRICATED METAL PRODUCTS . . . . .	(0)	(0)	—	—	(0)	—	—	—	—	—	(0)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	5	—	—	—	4	1	2	2	—	1	9
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	3	—	—	—	3	2	—	—	—	—	2
37	TRANSPORTATION EQUIPMENT . . . . .	(0)	(0)	—	—	—	—	(0)	—	—	(0)	(0)
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(0)	(0)	—	—	(0)	(0)	(0)	—	—	(0)	(0)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(0)	(0)	—	(0)	(0)	(0)	—	—	—	—	(0)
IOWA . . . . .												
20	FOOD AND KINDRED PRODUCTS . . . . .	86	8	9	25	59	23	33	26	2	18	51
22	TEXTILE MILL PRODUCTS . . . . .	46	3	4	10	31	9	16	13	—	10	27
24	LUMBER AND WOOD PRODUCTS . . . . .	(0)	(0)	—	—	(0)	—	—	—	—	—	(0)
25	FURNITURE AND FIXTURES . . . . .	(0)	(0)	—	—	(0)	—	—	—	—	—	(0)
26	PAPER AND ALLIED PRODUCTS . . . . .	3	—	—	1	2	—	1	—	—	1	—
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	9	3	3	6	5	7	5	4	2	2	1
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(0)	(0)	—	(0)	(0)	(0)	(0)	(0)	—	(0)	(0)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	4	—	—	1	3	—	—	—	—	1	4
33	PRIMARY METAL INDUSTRIES . . . . .	(0)	(0)	(0)	—	(0)	(0)	(0)	(0)	—	(0)	(0)
34	FABRICATED METAL PRODUCTS . . . . .	(0)	(0)	—	(0)	(0)	—	(0)	(0)	—	(0)	(0)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	7	1	—	—	7	1	2	1	—	1	5
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	8	—	—	3	6	3	4	4	—	1	2
37	TRANSPORTATION EQUIPMENT . . . . .	(0)	(0)	—	—	—	—	—	—	—	—	(0)
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(0)	(0)	—	—	—	—	—	—	—	—	(0)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(0)	(0)	—	(0)	(0)	—	—	—	—	—	(0)
MISSOURI . . . . .												
20	FOOD AND KINDRED PRODUCTS . . . . .	100	6	13	21	66	29	41	29	6	9	85
22	TEXTILE MILL PRODUCTS . . . . .	38	4	4	13	23	6	11	10	2	4	30
24	LUMBER AND WOOD PRODUCTS . . . . .	(0)	(0)	—	—	(0)	—	—	—	—	—	(0)
25	FURNITURE AND FIXTURES . . . . .	(0)	(0)	—	—	(0)	—	—	—	—	—	(0)
26	PAPER AND ALLIED PRODUCTS . . . . .	6	—	—	—	5	1	3	2	—	1	2
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	16	—	2	3	13	5	6	3	—	2	7
29	PETROLEUM AND COAL PRODUCTS . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	—	—	(0)
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(0)	(0)	—	—	(0)	—	—	—	—	—	(0)
31	LEATHER AND LEATHER PRODUCTS . . . . .	(0)	(0)	—	—	(0)	—	—	—	—	—	(0)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	7	—	3	1	4	1	4	1	2	—	7
33	PRIMARY METAL INDUSTRIES . . . . .	5	—	1	1	4	1	2	3	—	1	6
34	FABRICATED METAL PRODUCTS . . . . .	6	—	—	—	2	1	4	2	—	—	10
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(0)	(0)	—	—	(0)	(0)	—	—	—	—	(0)

See footnotes at end of table.

TABLE 6. Water Intake, Water Treated Prior to Use and Number of Establishments Treating Water Prior to Use by Type of Treatment: 1968—Continued

## C. STATES AND MAJOR INDUSTRY GROUPS—Continued

Code	State and major industry group	Water intake (billion gallons)										
		Total	Treated prior to use by type of treatment									
			Total	Aeration	Coagulation	Filtration	Softening	Ion exchange	Corrosion control	pH	Settling	Other
36	MISSOURI											
37	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	1.9	-	-	-	-	-	-	-	-	-	-
38	TRANSPORTATION EQUIPMENT . . . . .	3.9	.5	-	-	-	.1	.1	.2	-	-	-
39	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
20	NDRTH DAKOTA . . . . .	2.1	1.9	-	-	-	-	-	-	-	-	-
20	FOOD AND KINDRED PRODUCTS . . . . .	1.2	-	-	-	-	-	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
20	SDUTH DAKOTA . . . . .	2.9	1.2	-	-	-	.9	-	-	-	-	-
20	FOOD AND KINDRED PRODUCTS . . . . .	2.9	1.2	-	-	-	.9	-	-	-	-	-
20	NEBRASKA . . . . .	24.6	12.9	1.4	-	1.7	4.4	1.0	7.6	1.6	-	1.8
28	FOOD AND KINDRED PRODUCTS . . . . .	11.6	5.0	1.0	-	1.3	3.7	-	5.6	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	9.1	6.6	-	-	-	-	1.0	5.9	-	-	-
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	.8	-	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
20	KANSAS . . . . .	54.5	16.1	2.3	9.0	6.7	6.1	4.7	7.4	9.3	5.3	.8
20	FOOD AND KINDRED PRODUCTS . . . . .	4.2	1.2	-	-	.3	.2	-	1.0	1.0	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	33.7	6.9	2.2	5.2	-	1.9	1.3	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS . . . . .	7.4	4.8	-	1.6	-	2.0	1.2	2.6	2.8	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	3.2	2.2	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	1.7	.5	-	-	-	-	-	.5	-	-	-
	SOUTH ATLANTIC DIVISION . . . . .	2 424.4	835.7	33.8	313.7	291.5	103.7	38.9	176.9	247.5	246.9	320.4
20	DELAWARE . . . . .	183.1	33.9	-	3.1	10.0	1.6	1.4	13.5	25.7	8.6	.2
20	FOOD AND KINDRED PRODUCTS . . . . .	2.2	.4	-	-	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	2.9	2.8	-	-	-	-	-	-	-	2.9	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	48.6	27.2	-	-	4.0	.8	.5	11.9	23.3	-	-
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
20	MARYLAND . . . . .	436.0	356.2	13.9	13.4	15.3	2.9	.8	52.0	53.9	65.0	295.1
20	FOOD AND KINDRED PRODUCTS . . . . .	14.7	2.1	-	.1	1.3	.4	.1	.4	.1	-	-
22	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	46.5	6.7	-	-	-	.6	.6	2.1	4.0	-	-
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	1.9	-	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	5.7	.9	-	-	-	.1	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	303.4	298.3	-	-	-	1.4	-	1.5	-	-	-
34	FABRICATED METAL PRODUCTS . . . . .	1.2	-	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	8.2	.1	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	5.7	.3	-	-	-	-	-	-	-	-	-
20	VIRGINIA . . . . .	349.6	77.5	.5	66.8	67.6	12.6	6.7	7.4	24.7	53.5	-
20	FOOD AND KINDRED PRODUCTS . . . . .	2.8	.3	-	-	.1	.1	-	(2)	-	-	-
21	TOBACCO MANUFACTURES . . . . .	2.5	.6	-	-	-	.1	-	-	-	-	-
22	TEXTILE MILL PRODUCTS . . . . .	12.8	11.2	-	10.2	10.7	2.2	4.8	4.7	9.0	8.9	-
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	72.4	32.4	-	28.7	28.5	1.9	1.3	-	-	27.9	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	218.4	32.0	-	27.2	27.2	8.0	.4	.9	14.4	15.8	-
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	1.9	.2	-	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	4.5	-	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
20	WEST VIRGINIA . . . . .	634.5	31.1	.1	17.8	22.4	16.3	2.5	18.3	8.4	10.4	.3
20	FOOD AND KINDRED PRODUCTS . . . . .	.3	-	-	-	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-

See footnotes at end of table.



TABLE 6. Water Intake, Water Treated Prior to Use and Number of Establishments Treating Water Prior to Use by Type of Treatment: 1968—Continued

## C. STATES AND MAJOR INDUSTRY GROUPS—Continued

Code	State and major industry group	Number of establishments treating intake water prior to use by type of treatment										No treatment performed
		Total	Aeration	Coagulation	Filtration	Softening	Ion exchange	Corrosion control	pH	Settling	Other	
36	MISSOURI											
37	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	3	1	-	1	3	2	2	3	1	-	8
38	TRANSPORTATION EQUIPMENT . . . . .	8	-	1	-	5	5	6	2	-	1	2
39	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(0)	(0)	-	-	(0)	-	-	-	-	-	(0)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(0)	(0)	-	-	(0)	-	(0)	(0)	-	-	-
20	NORTH DAKOTA . . . . .	4	-	1	1	2	1	2	2	1	1	3
29	FOOD AND KINDRED PRODUCTS . . . . .	3	-	-	-	1	-	1	1	-	1	1
32	PETROLEUM AND COAL PRODUCTS . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	-	(0)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(0)	(0)	-	-	-	-	-	-	-	-	(0)
20	SOUTH DAKOTA . . . . .	7	-	1	1	5	2	3	2	-	-	5
20	FOOD AND KINDRED PRODUCTS . . . . .	7	-	1	1	5	2	3	2	-	-	5
20	NEBRASKA . . . . .	36	5	3	6	27	8	11	7	-	4	32
28	FOOD AND KINDRED PRODUCTS . . . . .	24	4	2	5	18	3	6	3	-	2	17
29	CHEMICALS AND ALLIED PRODUCTS . . . . .	6	1	1	1	3	5	4	3	-	2	1
29	PETROLEUM AND COAL PRODUCTS . . . . .	(0)	(0)	-	-	(0)	-	(0)	(0)	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(0)	(0)	-	-	-	-	-	(0)	-	-	(0)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	-	-	-	-	-	-	-	-	-	-	4
33	PRIMARY METAL INDUSTRIES . . . . .	(0)	(0)	-	-	(0)	-	-	-	-	-	(0)
34	FABRICATED METAL PRODUCTS . . . . .	(0)	(0)	-	-	(0)	-	-	-	-	-	(0)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(0)	(0)	-	-	-	-	-	-	-	-	(0)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(0)	(0)	-	-	(0)	-	-	-	-	-	(0)
37	TRANSPORTATION EQUIPMENT . . . . .	(0)	(0)	-	-	(0)	-	-	-	-	-	(0)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(0)	(0)	-	-	-	-	-	-	-	-	(0)
20	KANSAS . . . . .	60	6	11	13	39	22	22	23	7	4	26
20	FOOD AND KINDRED PRODUCTS . . . . .	18	1	-	4	13	2	8	6	2	1	13
26	PAPER AND ALLIED PRODUCTS . . . . .	(0)	(0)	1	-	(0)	-	-	-	(0)	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	14	4	4	2	10	6	3	3	2	-	4
29	PETROLEUM AND COAL PRODUCTS . . . . .	12	-	5	3	10	7	6	8	2	2	-
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(0)	(0)	-	-	-	-	-	-	-	-	(0)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	5	1	1	3	2	2	1	2	-	1	4
33	PRIMARY METAL INDUSTRIES . . . . .	(0)	(0)	-	-	-	-	-	(0)	-	-	(0)
34	FABRICATED METAL PRODUCTS . . . . .	(0)	(0)	-	-	(0)	(0)	-	-	-	-	(0)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(0)	(0)	-	-	-	-	-	-	-	-	(0)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(0)	(0)	-	-	-	(0)	-	-	-	-	(0)
37	TRANSPORTATION EQUIPMENT . . . . .	5	-	1	2	2	4	3	-	-	-	-
	SOUTH ATLANTIC DIVISION . . . . .	717	44	204	284	386	167	261	254	121	77	569
20	DELAWARE . . . . .	32	3	7	16	18	11	15	14	11	5	21
20	FOOD AND KINDRED PRODUCTS . . . . .	5	1	-	2	1	-	2	1	-	2	13
22	TEXTILE MILL PRODUCTS . . . . .	(0)	(0)	(0)	(0)	-	-	-	-	(0)	-	-
24	LUMBER AND WOOD PRODUCTS . . . . .	(0)	(0)	-	-	(0)	(0)	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	4	-	1	3	1	-	-	1	4	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	13	1	2	5	9	5	6	5	3	3	2
29	PETROLEUM AND COAL PRODUCTS . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	-	(0)
31	LEATHER AND LEATHER PRODUCTS . . . . .	(0)	(0)	-	-	-	-	-	-	-	-	(0)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(0)	(0)	-	-	-	-	-	-	-	-	(0)
33	PRIMARY METAL INDUSTRIES . . . . .	(0)	(0)	-	(0)	(0)	(0)	(0)	(0)	-	-	(0)
34	FABRICATED METAL PRODUCTS . . . . .	(0)	(0)	-	(0)	-	(0)	(0)	(0)	-	-	(0)
37	TRANSPORTATION EQUIPMENT . . . . .	(0)	(0)	-	-	(0)	(0)	(0)	(0)	-	-	(0)
20	MARYLAND . . . . .	79	8	11	21	45	20	29	27	6	8	56
20	FOOD AND KINDRED PRODUCTS . . . . .	27	-	4	13	11	6	9	6	1	2	22
22	TEXTILE MILL PRODUCTS . . . . .	(0)	(0)	(0)	-	(0)	-	-	(0)	-	-	(0)
24	LUMBER AND WOOD PRODUCTS . . . . .	(0)	(0)	-	-	-	-	-	-	-	-	(0)
25	FURNITURE AND FIXTURES . . . . .	(0)	(0)	-	-	-	-	-	-	-	-	(0)
26	PAPER AND ALLIED PRODUCTS . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	-	(0)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	16	1	1	11	7	6	7	1	2	7	-
29	PETROLEUM AND COAL PRODUCTS . . . . .	(0)	(0)	-	-	(0)	-	-	-	-	-	(0)
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	3	-	-	2	-	-	-	1	-	1	2
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	7	1	1	2	4	1	2	1	2	-	4
33	PRIMARY METAL INDUSTRIES . . . . .	5	2	2	1	5	-	4	3	1	2	3
34	FABRICATED METAL PRODUCTS . . . . .	3	2	1	-	3	2	1	1	-	-	4
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(0)	(0)	-	-	-	-	-	(0)	-	-	(0)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	5	-	1	2	1	3	3	-	-	1	5
37	TRANSPORTATION EQUIPMENT . . . . .	6	1	-	1	3	2	2	2	-	-	2
20	VIRGINIA . . . . .	87	4	27	44	55	27	28	27	22	2	69
20	FOOD AND KINDRED PRODUCTS . . . . .	14	1	3	7	6	1	4	3	2	-	25
21	TOBACCO MANUFACTURES . . . . .	5	-	1	1	4	-	2	2	1	-	-
22	TEXTILE MILL PRODUCTS . . . . .	19	-	7	11	13	7	8	10	6	1	6
24	LUMBER AND WOOD PRODUCTS . . . . .	(0)	(0)	-	-	-	-	(0)	-	-	-	(0)
25	FURNITURE AND FIXTURES . . . . .	(0)	(0)	-	(0)	(0)	-	(0)	(0)	-	-	(0)
26	PAPER AND ALLIED PRODUCTS . . . . .	11	-	4	7	5	6	3	2	4	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	17	1	10	10	14	7	6	7	7	-	4
29	PETROLEUM AND COAL PRODUCTS . . . . .	(0)	(0)	-	-	2	-	-	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(0)	(0)	-	1	2	2	2	1	1	-	-
31	LEATHER AND LEATHER PRODUCTS . . . . .	(0)	(0)	-	-	(0)	(0)	-	-	-	(0)	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	3	-	-	2	-	-	-	-	1	-	7
33	PRIMARY METAL INDUSTRIES . . . . .	(0)	(0)	-	(0)	-	-	-	-	-	-	(0)
34	FABRICATED METAL PRODUCTS . . . . .	(0)	(0)	(0)	(0)	(0)	-	-	-	-	-	(0)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(0)	(0)	-	-	-	-	-	-	-	-	(0)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(0)	(0)	-	(0)	(0)	(0)	(0)	(0)	-	-	(0)
37	TRANSPORTATION EQUIPMENT . . . . .	(0)	(0)	-	-	(0)	(0)	-	-	-	-	(0)
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(0)	(0)	-	-	-	-	-	-	-	-	(0)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	-	-	-	-	-	-	-	-	-	-	1
20	WEST VIRGINIA . . . . .	49	4	17	19	33	15	17	11	9	5	28
20	FOOD AND KINDRED PRODUCTS . . . . .	3	-	-	-	2	-	-	-	-	1	3
22	TEXTILE MILL PRODUCTS . . . . .	(0)	(0)	-	-	(0)	-	-	-	-	-	-

See footnotes at end of table.



TABLE 6. Water Intake, Water Treated Prior to Use and Number of Establishments Treating Water Prior to Use by Type of Treatment: 1968—Continued

## C. STATES AND MAJOR INDUSTRY GROUPS—Continued

Code	State and major industry group	Water intake (billion gallons)										
		Total	Treated prior to use by type of treatment									
			Total	Aeration	Coagulation	Filtration	Softening	Ion exchange	Corrosion control	pH	Settling	Other
26	WEST VIRGINIA											
28	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	464.1	20.1	-	16.5	17.1	11.2	2.4	8.5	7.4	9.6	-
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	3.3	.4	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	162.0	10.0	-	-	-	5.0	-	9.6	-	-	-
34	FABRICATED METAL PRODUCTS . . . . .	.7	-	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
20	NORTH CAROLINA . . . . .	157.1	91.0	.7	77.6	74.7	12.5	7.4	12.9	45.3	36.1	5.2
20	FOOD AND KINDRED PRODUCTS . . . . .	4.8	.6	-	-	.3	.1	-	.2	-	-	-
21	TOBACCO MANUFACTURES . . . . .	(D)	(D)	-	-	-	(D)	-	(D)	-	-	-
22	TEXTILE MILL PRODUCTS . . . . .	32.5	22.5	-	14.9	16.6	9.5	1.6	8.9	15.1	6.3	4.6
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES . . . . .	.6	.1	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	87.4	59.1	-	56.3	50.5	1.3	2.4	.7	5.7	28.6	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	18.3	6.3	-	5.9	5.9	-	3.3	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	2.2	1.2	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	2.5	.4	-	-	-	-	-	-	-	-	-
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
20	SOUTH CAROLINA . . . . .	145.0	60.9	-	50.9	46.1	8.0	4.8	14.8	31.7	26.3	1.6
20	FOOD AND KINDRED PRODUCTS . . . . .	1.4	.9	-	-	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS . . . . .	35.5	23.2	-	14.8	23.0	7.6	-	9.7	17.5	10.8	.6
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	67.4	27.7	-	27.6	13.7	-	-	3.5	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	31.7	8.5	-	-	-	-	1.8	-	2.3	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	2.0	.2	-	-	-	-	-	(2)	-	-	-
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
20	GEORGIA . . . . .	231.2	78.4	1.2	47.2	41.1	24.8	3.7	17.4	30.3	29.2	1.8
20	FOOD AND KINDRED PRODUCTS . . . . .	8.6	.6	-	-	.3	.2	-	.1	.1	-	-
21	TOBACCO MANUFACTURES . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS . . . . .	25.7	12.8	-	7.4	8.4	5.1	.6	1.9	3.7	5.0	.8
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	155.1	60.4	-	37.6	30.2	18.1	2.3	13.3	24.2	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	33.1	3.1	-	-	-	1.0	.7	.9	1.8	-	-
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	3.2	.9	-	-	-	-	-	.8	-	-	-
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
20	FLORIDA . . . . .	287.7	106.7	14.3	36.8	14.2	24.9	11.6	40.5	27.6	17.8	15.6
20	FOOD AND KINDRED PRODUCTS . . . . .	46.9	2.0	.8	.7	1.4	1.3	.2	(2)	.5	-	(2)
21	TOBACCO MANUFACTURES . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS . . . . .	7	.2	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	142.5	90.1	-	35.8	10.8	20.3	7.3	-	25.6	17.2	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	87.3	13.1	-	-	1.6	2.2	3.6	5.8	1.1	-	-
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	7.5	.1	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	1.0	.4	-	-	-	.4	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
20	EAST SOUTH CENTRAL DIVISION . . . . .	1 072.5	371.0	28.0	207.4	194.9	31.8	17.3	71.2	149.9	140.2	71.9
20	KENTUCKY . . . . .	136.0	25.0	.3	10.4	9.8	11.9	2.7	12.9	7.3	4.7	1.3
20	FOOD AND KINDRED PRODUCTS . . . . .	10.2	2.4	-	.2	.9	.4	.1	2.1	-	-	-
21	TOBACCO MANUFACTURES . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	70.8	10.9	-	6.2	4.0	6.3	.9	4.7	5.9	-	-
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	1.4	-	-	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	3.9	3.2	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	30.4	5.0	-	-	-	.4	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . . . .	1.9	(2)	-	-	-	(2)	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	1.3	-	-	-	-	-	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	3.1	.5	-	-	-	-	.2	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE 6. Water Intake, Water Treated Prior to Use and Number of Establishments Treating Water Prior to Use by Type of Treatment: 1968—Continued

## C. STATES AND MAJOR INDUSTRY GROUPS—Continued

Code	State and major industry group	Number of establishments treating intake water prior to use by type of treatment										No treatment performed
		Total	Aeration	Coagulation	Filtration	Softening	Ion exchange	Corrosion control	pH	Settling	Other	
	WEST VIRGINIA											
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	(D)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	22	-	10	11	18	11	8	5	4	1	4
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	(D)	(D)	-	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(D)	(D)	-	-	-	(D)	-	-	-	-	(D)
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	-	-	(D)	-	-	-	-	-	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	5	1	3	3	1	1	3	2	2	2	4
33	PRIMARY METAL INDUSTRIES . . . . .	8	2	3	3	6	-	5	2	2	-	4
34	FABRICATED METAL PRODUCTS . . . . .	3	1	-	1	1	1	1	1	1	-	4
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	-	-	(D)	-	-	-	-	(D)	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	-	-	(D)	(D)	-	-	-	-	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	(D)
	NORTH CAROLINA . . . . .	156	4	51	65	82	24	52	62	26	21	146
20	FOOD AND KINDRED PRODUCTS . . . . .	12	-	3	5	5	-	4	2	1	1	26
21	TOBACCO MANUFACTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	(D)	(D)
22	TEXTILE MILL PRODUCTS . . . . .	92	2	34	41	51	5	27	43	17	11	80
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	-	-	(D)	-	-	-	-	-	(D)
25	FURNITURE AND FIXTURES . . . . .	4	-	-	-	2	-	2	-	-	-	6
26	PAPER AND ALLIED PRODUCTS . . . . .	7	-	5	6	3	5	1	2	4	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	14	1	6	6	8	8	5	6	2	1	3
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(D)	(D)	-	-	-	-	(D)	(D)	-	(D)	(D)
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	6	1	-	2	2	2	3	2	1	-	5
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)	(D)	(D)
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	-	-	-	-	(D)	-	-	(D)	(D)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	-	(D)	(D)	(D)	(D)	-	-	-	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	5	-	-	1	2	1	2	1	-	3	12
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	-	-	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	-	-	-	-	-	-	-	-	-	-	(D)
	SOUTH CAROLINA . . . . .	97	3	35	46	30	19	44	42	23	11	91
20	FOOD AND KINDRED PRODUCTS . . . . .	5	-	3	3	1	2	1	3	1	-	6
21	TOBACCO MANUFACTURES . . . . .	58	1	22	34	21	3	21	27	16	6	50
22	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	-	-	1	-	(D)	-	-	-	(D)
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	-	-	-	-	(D)	-	-	-	-
25	FURNITURE AND FIXTURES . . . . .	7	1	5	4	-	3	4	3	3	1	2
26	PAPER AND ALLIED PRODUCTS . . . . .	9	-	3	3	3	6	3	4	1	2	5
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(D)	(D)	-	-	-	-	(D)	-	-	-	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	-	-	-	-	(D)	(D)	-	-	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	-	-	-	-	(D)	-	-	(D)	(D)
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	-	-	-	-	(D)	(D)	-	-	(D)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	-	-	-	-	(D)	-	-	-	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	6	-	1	1	1	2	5	2	1	-	6
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	-	-	(D)	-	(D)	-	-	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	-	-	-	(D)	(D)	(D)	-	-	-
	GEORGIA . . . . .	124	4	35	41	64	21	49	45	16	17	105
20	FOOD AND KINDRED PRODUCTS . . . . .	25	1	3	6	10	-	9	5	1	3	29
21	TOBACCO MANUFACTURES . . . . .	(D)	(D)	-	-	-	-	(D)	(D)	-	-	-
22	TEXTILE MILL PRODUCTS . . . . .	56	-	21	23	29	5	17	21	11	9	40
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	-	-	(D)	-	-	-	-	-	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	12	1	8	6	8	7	7	5	3	-	4
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	11	2	2	3	9	7	5	6	1	1	10
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	-	-	(D)	(D)	-	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	(D)
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	-	(D)	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	-	(D)	-	-	(D)	-	-	-	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	-	(D)	(D)	-	(D)	(D)
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	(D)	(D)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	-	-	-	-	-	(D)	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	-	-	(D)	-	-	-	-	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	5	-	-	-	2	1	5	3	-	-	2
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	-	-	-	-	(D)	(D)	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	-	-	-	-	(D)	(D)	-	(D)	-
	FLORIDA . . . . .	91	14	20	30	58	30	26	26	8	8	51
20	FOOD AND KINDRED PRODUCTS . . . . .	40	5	12	18	28	6	5	12	3	4	27
21	TOBACCO MANUFACTURES . . . . .	(D)	(D)	-	-	(D)	-	(D)	(D)	-	-	-
22	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	-	-	(D)	-	(D)	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . . . .	9	1	6	5	4	7	3	4	4	2	2
26	PAPER AND ALLIED PRODUCTS . . . . .	24	3	5	5	13	11	12	8	-	2	7
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	(D)
29	PETROLEUM AND COAL PRODUCTS . . . . .	5	2	-	1	3	1	2	-	-	-	6
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	-	-	(D)	(D)	-	-	-	-	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	(D)
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	6	1	1	-	4	3	-	-	-	-	2
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	(D)
	EAST SOUTH CENTRAL DIVISION . . . . .	354	38	90	124	195	105	134	98	54	34	275
	KENTUCKY . . . . .	91	4	14	29	60	43	28	16	6	5	49
20	FOOD AND KINDRED PRODUCTS . . . . .	31	2	4	13	19	12	7	3	3	1	11
21	TOBACCO MANUFACTURES . . . . .	4	-	-	-	1	2	3	1	-	-	-
22	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	-	-	(D)	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	-	-	(D)	-	-	-	-	-	-
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	-	-	-	-	(D)	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	-	-	(D)	-	-	-	-	-	(D)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	16	2	5	8	16	13	6	5	1	1	6
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	-	-	2
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	3	-	-	1	2	-	1	2	-	-	(D)
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	4	-	-	1	2	2	2	-	-	1	2
33	PRIMARY METAL INDUSTRIES . . . . .	8	-	3	3	5	3	2	3	2	-	3
34	FABRICATED METAL PRODUCTS . . . . .	4	-	-	-	4	2	2	2	-	-	9
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	3	-	1	-	2	1	1	-	-	-	3
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	9	-	-	2	1	6	1	-	-	1	6
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	-	-	(D)	-	(D)	-	-	-	(D)
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	(D)

See footnotes at end of table.



TABLE 6. Water Intake, Water Treated Prior to Use and Number of Establishments Treating Water Prior to Use by Type of Treatment: 1968—Continued

## C. STATES AND MAJOR INDUSTRY GROUPS—Continued

Code	State and major industry group	Water intake (billion gallons)										
		Total	Treated prior to use by type of treatment									
			Total	Aeration	Coagulation	Filtration	Softening	Ion exchange	Corrosion control	pH	Settling	Other
39	KENTUCKY											
	MISC. MANUFACTURING INDUSTRIES . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
	TENNESSEE . . . . .	464.5	100.9	21.9	69.7	71.9	10.9	7.0	9.8	43.0	52.1	29.4
20	FOOD AND KINDRED PRODUCTS . . . . .	12.8	3.3	2.3	.1	.3	.4	(2)	.9	-	.9	-
22	TEXTILE MILL PRODUCTS . . . . .	4.6	2.8	1.1	-	.5	2.0	-	.2	-	-	-
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	48.0	26.3	-	19.7	26.3	1.3	1.9	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	365.0	56.8	-	41.5	41.7	6.9	4.9	8.3	29.6	30.5	29.3
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	2.2	1.9	-	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	9.0	6.6	-	-	-	.2	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	14.8	-	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	2.6	-	-	-	-	-	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	.8	.2	-	-	-	-	-	-	.1	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	1.9	-	-	-	-	-	-	-	-	-	-
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
	ALABAMA . . . . .	381.4	201.9	.3	94.3	96.3	6.5	4.0	23.7	62.0	67.8	25.6
20	FOOD AND KINDRED PRODUCTS . . . . .	2.1	.2	-	.1	.1	-	-	.2	.1	-	-
21	TOBACCO MANUFACTURES . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS . . . . .	6.5	4.3	-	3.2	3.2	1.4	-	3.3	1.2	1.2	.1
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	163.0	117.8	-	83.7	84.3	1.2	2.5	18.7	45.2	30.5	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	104.5	36.5	-	-	6.0	2.7	1.1	.9	5.1	-	-
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	7.7	-	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	3.5	-	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	90.7	42.1	-	-	2.4	1.1	-	-	10.3	10.9	-
34	FABRICATED METAL PRODUCTS . . . . .	.7	-	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	.6	.1	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
	MISSISSIPPI . . . . .	90.7	43.2	5.5	33.0	16.9	2.5	3.6	24.9	37.7	15.6	-
20	FOOD AND KINDRED PRODUCTS . . . . .	3.9	.5	-	-	-	-	-	.2	-	-	-
22	TEXTILE MILL PRODUCTS . . . . .	.9	-	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . . . .	4.8	1.6	-	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	-	-	-	-	-	-	(D)	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	24.4	3.0	-	-	-	.6	.6	1.4	1.6	-	-
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . . . .	1.0	.8	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	.6	-	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	.7	-	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
	WEST SOUTH CENTRAL DIVISION . . . . .	2 904.9	382.6	12.5	228.7	110.4	95.4	46.3	90.6	167.9	140.0	40.2
	ARKANSAS . . . . .	56.4	38.7	2.6	32.0	14.2	3.0	2.8	5.3	8.7	7.2	-
20	FOOD AND KINDRED PRODUCTS . . . . .	6.7	.7	-	-	-	.1	-	.1	-	-	-
22	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	(D)	-	-	-
24	LUMBER AND WOOD PRODUCTS . . . . .	1.3	.6	-	-	-	-	-	.2	-	-	-
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	36.6	33.1	-	29.2	11.6	-	-	2.7	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	4.6	1.2	.3	-	.9	.3	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
	LOUISIANA . . . . .	1 039.9	136.9	4.4	76.4	23.3	16.7	12.1	17.7	34.0	19.5	33.4
20	FOOD AND KINDRED PRODUCTS . . . . .	55.2	4.3	-	2.8	2.9	1.1	.3	.1	2.2	1.3	-
24	LUMBER AND WOOD PRODUCTS . . . . .	1.1	.2	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	82.5	50.7	-	39.5	9.4	2.3	3.5	-	14.5	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	497.6	37.6	2.9	29.0	7.5	9.4	5.0	9.9	10.7	6.3	.7
29	PETROLEUM AND COAL PRODUCTS . . . . .	247.2	43.5	-	4.5	3.0	3.9	3.3	7.2	6.4	-	30.7
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	2.1	(2)	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
	OKLAHOMA . . . . .	17.0	6.9	-	3.3	1.3	3.4	1.4	4.0	3.7	-	-
20	FOOD AND KINDRED PRODUCTS . . . . .	1.3	.1	-	-	-	.1	-	-	-	-	-
22	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(D)	-	-	-	3.2	1.3	3.3	2.8	-	-
29	PETROLEUM AND COAL PRODUCTS . . . . .	10.0	5.0	-	-	-	-	-	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-

See footnotes at end of table.



TABLE 6. Water Intake, Water Treated Prior to Use and Number of Establishments Treating Water Prior to Use by Type of Treatment: 1968—Continued

## C. STATES AND MAJOR INDUSTRY GROUPS—Continued

Code	State and major industry group	Number of establishments treating intake water prior to use by type of treatment										No treatment performed
		Total	Aeration	Coagulation	Filtration	Softening	Ion exchange	Corrosion control	pH	Settling	Other	
39	KENTUCKY											
	MISC. MANUFACTURING INDUSTRIES . . .	(D)	(D)	-	-	-	-	-	-	-	-	(D)
20	TENNESSEE . . . . .	115	22	28	41	76	26	29	30	20	12	95
22	FOOD AND KINDRED PRODUCTS . . . . .	24	5	4	5	18	4	6	3	4	1	21
24	TEXTILE MILL PRODUCTS . . . . .	20	5	2	4	17	-	4	3	1	-	9
26	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	(D)
28	FURNITURE AND FIXTURES . . . . .	(D)	(D)	-	-	(D)	-	(D)	(D)	-	-	-
29	PAPER AND ALLIED PRODUCTS . . . . .	8	3	4	7	6	5	2	2	3	-	3
30	CHEMICALS AND ALLIED PRODUCTS . . . . .	30	3	15	18	19	10	10	12	10	6	14
31	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	-	-	(D)	(D)	(D)	(D)	-	(D)	-
32	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	4	2	-	2	2	-	-	-	-	-	(D)
33	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	(D)
34	STONE, CLAY, AND GLASS PRODUCTS . . . . .	4	1	2	2	4	2	1	2	2	-	13
35	PRIMARY METAL INDUSTRIES . . . . .	3	-	1	1	-	-	-	1	-	-	9
36	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	-	-	(D)	-	-	-	-	-	(D)
37	MACHINERY, EXCEPT ELECTRICAL . . . . .	3	1	-	1	2	1	1	4	-	-	6
38	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	6	1	-	1	2	1	1	-	-	1	3
39	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	-	-	-	(D)	-	-	-	-	-
	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	-	-	-	-	(D)	-	-	-	(D)
	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	-	-	-	-	(D)	-	-	-	(D)
20	ALABAMA . . . . .	105	5	40	46	40	22	53	36	24	14	79
22	FOOD AND KINDRED PRODUCTS . . . . .	10	-	4	5	2	1	5	6	2	1	12
24	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	-	-	-	-	(D)	(D)	-	-	-
26	LUMBER AND WOOD PRODUCTS . . . . .	35	1	19	19	13	1	24	9	7	7	5
28	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	(D)
29	PAPER AND ALLIED PRODUCTS . . . . .	14	-	9	9	7	8	6	7	5	-	1
30	CHEMICALS AND ALLIED PRODUCTS . . . . .	17	3	5	5	7	5	6	5	3	3	5
31	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	-	(D)	(D)	-	-	-	-	-	(D)
32	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	3	-	1	-	1	2	2	1	-	-	3
33	LEATHER AND LEATHER PRODUCTS . . . . .	3	-	-	1	1	-	-	-	-	-	21
34	STONE, CLAY, AND GLASS PRODUCTS . . . . .	12	1	3	4	5	2	3	4	5	3	13
35	PRIMARY METAL INDUSTRIES . . . . .	-	-	-	-	-	-	-	-	-	-	6
36	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	-	-	-	-	(D)	-	-	-	(D)
37	MACHINERY, EXCEPT ELECTRICAL . . . . .	4	-	-	-	2	3	2	2	-	-	2
	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	-	-	-	-	(D)	-	-	-	(D)
	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	(D)
20	MISSISSIPPI . . . . .	43	7	8	8	19	14	24	16	4	3	52
22	FOOD AND KINDRED PRODUCTS . . . . .	9	-	3	1	3	-	5	-	1	2	17
24	TEXTILE MILL PRODUCTS . . . . .	3	-	-	-	2	-	2	-	-	-	2
26	LUMBER AND WOOD PRODUCTS . . . . .	4	1	-	-	-	1	3	-	-	-	7
28	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	-	(D)	(D)	-	(D)	-	-	(D)
29	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	CHEMICALS AND ALLIED PRODUCTS . . . . .	8	2	1	2	5	5	4	5	-	-	3
31	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	-	(D)	(D)	(D)	(D)	-	-	(D)
32	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	-	-	(D)	-	(D)	(D)	-	-	(D)
33	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	(D)
34	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	(D)
35	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	(D)
36	FABRICATED METAL PRODUCTS . . . . .	4	2	1	2	2	1	2	2	2	-	2
37	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	(D)
	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	3	-	-	-	2	1	2	-	-	-	4
	TRANSPORTATION EQUIPMENT . . . . .	-	-	-	-	-	-	-	-	-	-	(D)
	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-
20	WEST SOUTH CENTRAL DIVISION . . . . .	434	45	126	148	256	158	186	157	66	44	306
22	ARKANSAS . . . . .	55	11	11	17	24	9	28	13	4	2	52
24	FOOD AND KINDRED PRODUCTS . . . . .	19	1	1	3	10	3	7	2	1	1	30
26	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	-	(D)	-	-	(D)	-	-	-	-
28	LUMBER AND WOOD PRODUCTS . . . . .	5	2	2	1	1	2	4	-	-	-	4
29	FURNITURE AND FIXTURES . . . . .	(D)	(D)	-	-	(D)	-	(D)	(D)	-	-	-
30	PAPER AND ALLIED PRODUCTS . . . . .	7	2	4	4	2	3	4	2	2	-	2
31	CHEMICALS AND ALLIED PRODUCTS . . . . .	7	4	2	4	4	4	2	3	-	-	1
32	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	-	-	(D)	(D)	(D)	(D)	-	-	-
33	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	-	-	-	-	-	-	-	-	(D)
34	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	(D)
35	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	-	(D)	-	-	(D)	-	-	(D)	(D)
36	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	-	(D)	(D)	(D)	-	(D)
37	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	-	(D)	-	-	-	-	-	-	(D)
	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	-	-	(D)	-	-	-	-	-	(D)
	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	(D)
	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	(D)
	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	-	-	(D)	-	-	-	-	-	-
20	LOUISIANA . . . . .	111	11	46	47	57	40	43	41	19	12	71
22	FOOD AND KINDRED PRODUCTS . . . . .	30	3	14	15	19	5	4	9	4	1	32
24	TEXTILE MILL PRODUCTS . . . . .	5	-	-	-	-	-	3	1	-	-	5
26	LUMBER AND WOOD PRODUCTS . . . . .	13	1	7	5	1	8	2	5	2	2	3
28	FURNITURE AND FIXTURES . . . . .	41	5	20	18	20	17	24	17	10	4	14
29	PAPER AND ALLIED PRODUCTS . . . . .	16	2	4	8	9	10	8	7	3	4	2
30	CHEMICALS AND ALLIED PRODUCTS . . . . .	4	-	-	-	3	-	1	1	-	-	6
31	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	(D)
32	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	-	-	-	-	(D)	(D)	-	-	(D)
33	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	(D)
34	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	(D)
35	PRIMARY METAL INDUSTRIES . . . . .	34	3	7	7	19	13	13	10	3	2	28
36	FABRICATED METAL PRODUCTS . . . . .	7	1	2	2	5	1	-	2	1	1	7
37	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	(D)
	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	(D)
	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	-	-	-	(D)	(D)	-	(D)
	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	(D)	-	(D)
	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	-	-	(D)	-	-	-	-	-	(D)
20	OKLAHOMA . . . . .	34	3	7	7	19	13	13	10	3	2	28
22	FOOD AND KINDRED PRODUCTS . . . . .	7	1	2	2	5	1	-	2	1	1	7
24	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	(D)
26	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	(D)	(D)	-	-	-	(D)
28	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	-	-	-	(D)	(D)	-	(D)
29	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	-	-	-	(D)	(D)	-	-	-	(D)
30	CHEMICALS AND ALLIED PRODUCTS . . . . .	14	-	3	2	9	7	6	5	1	1	-
31	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	-	-	(D)	-	(D)	(D)	-	-	(D)
32	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	-	-	(D)	-	(D)	(D)	-	-	(D)
33	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	-	-	-	(D)	(D)	(D)	-	-	(D)
34	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	-	-	-	(D)	(D)	-	-	-	(D)
35	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	-	-	-	(D)	(D)	-	-	-	(D)
	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	-	-	(D)	-	-	-	-	-	(D)
	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	-	-	(D)	-	(D)	-	-	-	(D)

See footnotes at end of table.

TABLE 6. Water Intake, Water Treated Prior to Use and Number of Establishments Treating Water Prior to Use by Type of Treatment: 1968—Continued

## C. STATES AND MAJOR INDUSTRY GROUPS—Continued

Code	State and major industry group	Water intake (billion gallons)										
		Total	Treated prior to use by type of treatment									
			Total	Aeration	Coagulation	Filtration	Softening	Ion exchange	Corrosion control	pH	Settling	Other
36	OKLAHOMA											
	ELECTRICAL EQUIP. AND SUPPLIES . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
	TEXAS . . . . .	1 791.6	200.2	4.7	117.0	71.6	72.3	29.9	63.6	121.5	111.8	6.0
20	FOOD AND KINDRED PRODUCTS . . . . .	19.8	2.6	.5	.4	.7	1.0	.3	.2	.5	.9	.1
22	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . . . .	1.5	-	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	51.6	25.2	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . . .	1 235.5	78.9	1.5	53.9	24.0	37.5	15.3	23.5	53.9	42.3	3.4
29	PETROLEUM AND COAL PRODUCTS . . . . .	281.6	71.1	1.7	41.2	29.2	30.5	13.1	27.7	45.8	29.6	-
30	RUBBER AND PLASTICS PRODUCTS, NEC. .	(D)	(D)	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . .	4.9	-	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	174.2	18.7	-	-	.4	1.4	.3	-	-	-	-
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . .	1.4	.3	-	-	-	-	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . .	(D)	(D)	-	-	-	(Z)	-	-	(D)	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	15.3	.9	-	-	-	-	-	-	-	-	-
38	INSTRUMENTS AND RELATED PRODUCTS . .	(D)	(D)	-	-	-	-	-	-	-	-	-
	MOUNTAIN DIVISION . . . . .	231.5	60.3	.2	12.7	11.4	33.7	4.4	8.9	6.1	6.0	8.6
	MONTANA . . . . .	52.1	9.0	-	-	.9	3.5	.8	-	-	-	-
20	FOOD AND KINDRED PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
	IDAHO . . . . .	60.0	13.5	-	-	-	9.8	.5	.8	-	-	.4
20	FOOD AND KINDRED PRODUCTS . . . . .	17.0	1.0	-	-	-	.9	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	-	-	-	(D)	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . . .	9.7	-	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
	WYOMING . . . . .	4.4	3.3	-	-	-	2.7	.8	1.5	-	-	-
20	FOOD AND KINDRED PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS . . . . .	2.7	2.1	-	-	-	1.5	.8	1.1	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
	COLORADO . . . . .	59.9	14.0	-	.6	.6	10.2	.3	2.8	.5	-	-
20	FOOD AND KINDRED PRODUCTS . . . . .	20.6	9.5	-	-	-	8.9	-	-	(Z)	-	-
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . . .	3.5	1.0	-	-	-	1.0	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC. .	(D)	(D)	-	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . .	(D)	(D)	-	-	-	(D)	(D)	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
38	INSTRUMENTS AND RELATED PRODUCTS . .	(D)	(D)	-	-	-	-	-	-	-	-	-
	NEW MEXICO . . . . .	2.2	.4	-	-	-	.2	-	-	-	-	-
20	FOOD AND KINDRED PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
	ARIZONA . . . . .	14.4	5.9	-	-	-	4.0	.7	1.6	.4	-	-
20	FOOD AND KINDRED PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	7.8	1.7	-	-	-	.7	-	1.1	-	-	-
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . .	(D)	(D)	-	-	-	(D)	(D)	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
38	INSTRUMENTS AND RELATED PRODUCTS . .	(D)	(D)	-	-	-	-	-	-	-	-	-
	UTAH . . . . .	26.1	14.0	-	-	-	3.1	1.1	1.7	-	-	-
20	FOOD AND KINDRED PRODUCTS . . . . .	3.6	1.7	-	-	-	1.6	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS . . . . .	2.5	-	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
	NEVADA . . . . .	12.4	-	-	-	-	-	-	-	-	-	-
20	FOOD AND KINDRED PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-
	PACIFIC DIVISION . . . . .	1 013.0	345.2	4.1	179.0	267.8	43.4	16.6	55.3	70.3	151.3	11.5
	WASHINGTON . . . . .	368.0	160.3	.3	96.3	135.5	4.9	1.9	4.4	19.4	97.9	.6

See footnotes at end of table.



TABLE 6. Water Intake, Water Treated Prior to Use and Number of Establishments Treating Water Prior to Use by Type of Treatment: 1968—Continued

## C. STATES AND MAJOR INDUSTRY GROUPS—Continued

Code	State and major industry group	Number of establishments treating intake water prior to use by type of treatment										No treatment performed
		Total	Aeration	Coagulation	Filtration	Softening	Ion exchange	Corrosion control	pH	Settling	Other	
36	OKLAHOMA											
37	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	-	-	(D)	(D)	-	-	-	-	(D)
	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	-	-	-	-	(D)	-	-	-	(D)
	TEXAS . . . . .	234	20	62	77	156	96	102	93	40	28	155
20	FOOD AND KINDRED PRODUCTS . . . . .	57	5	6	9	37	7	18	14	4	6	55
22	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	-	(D)	(D)	(D)	-	-	-	-	(D)
24	LUMBER AND WOOD PRODUCTS . . . . .	3	-	-	1	3	1	2	1	-	-	4
26	PAPER AND ALLIED PRODUCTS . . . . .	6	1	3	3	3	3	2	3	3	1	2
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	86	6	31	34	60	46	43	39	17	13	24
29	PETROLEUM AND COAL PRODUCTS . . . . .	42	4	18	20	33	24	23	26	11	3	-
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(D)	(D)	-	(D)	(D)	(D)	(D)	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	3	1	-	-	3	2	-	-	-	-	29
33	PRIMARY METAL INDUSTRIES . . . . .	10	2	2	5	8	4	2	1	3	1	10
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	-	-	(D)	-	-	-	-	-	(D)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	4	-	-	-	1	-	3	1	-	2	5
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	6	1	-	-	-	2	2	2	1	1	8
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	-	-	-	(D)	-	-	-	-	-
	MOUNTAIN DIVISION . . . . .	146	5	14	19	109	44	39	22	4	12	107
	MONTANA . . . . .	12	1	3	4	12	4	1	1	1	3	12
20	FOOD AND KINDRED PRODUCTS . . . . .	(D)	(D)	-	-	(D)	-	-	-	-	-	(D)
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	-	(D)	-	-	-	-	-	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	-	(D)	(D)	(D)	-	-	-	(D)	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(D)	-	(D)	(D)	(D)	-	-	-	(D)	-
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	-	-	(D)	-	-	-	-	(D)	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	(D)
	IDAHO . . . . .	32	-	2	2	22	4	6	3	-	4	31
20	FOOD AND KINDRED PRODUCTS . . . . .	18	-	-	-	14	2	3	1	-	1	23
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	-	(D)	(D)	-	(D)	(D)	-	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	(D)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	3	-	-	-	3	2	2	-	-	-	2
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	-	-	-	-	-	-	-	(D)	-
	WYOMING . . . . .	8	-	2	3	7	4	6	3	-	-	3
20	FOOD AND KINDRED PRODUCTS . . . . .	(D)	(D)	-	-	(D)	-	(D)	-	-	-	(D)
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	(D)
29	PETROLEUM AND COAL PRODUCTS . . . . .	6	-	2	3	5	4	5	3	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	(D)
	COLORADO . . . . .	42	-	5	7	31	10	8	8	2	3	26
20	FOOD AND KINDRED PRODUCTS . . . . .	22	-	3	3	18	3	1	4	-	1	14
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	-	(D)	(D)	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	(D)	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	5	-	-	-	5	1	-	-	-	-	(D)
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	-	(D)	(D)	(D)	(D)	(D)	(D)	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(D)	(D)	-	-	(D)	(D)	(D)	(D)	-	-	-
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	-	-	(D)	-	-	(D)	(D)
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	-	-	(D)	-	(D)	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	-	-	(D)	(D)	(D)	-	-	-	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	-	-	-	(D)	-	-	-	-	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	-	-	-	(D)	-	-	-	-	-
	NEW MEXICO . . . . .	4	2	-	-	4	1	1	-	-	-	8
20	FOOD AND KINDRED PRODUCTS . . . . .	(D)	(D)	-	-	(D)	-	(D)	-	-	-	(D)
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	(D)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(D)	-	-	(D)	(D)	-	-	-	-	(D)
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	-	-	(D)	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	(D)
	ARIZONA . . . . .	23	2	1	1	16	11	9	4	-	1	7
20	FOOD AND KINDRED PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	(D)	(D)
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	-	-	(D)	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	-	-	-	(D)	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(D)	-	-	(D)	(D)	(D)	(D)	-	-	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	8	1	1	-	7	3	5	2	-	-	1
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	(D)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	-	-	-	(D)	(D)	-	-	-	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	-	-	(D)	(D)	(D)	(D)	-	-	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	-	(D)	-	-	-	-	-	-	-
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	-	-	-	(D)	-	-	-	-	-
	UTAH . . . . .	22	-	1	2	16	8	7	3	1	1	12
20	FOOD AND KINDRED PRODUCTS . . . . .	7	-	-	-	5	-	1	-	-	1	8
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS . . . . .	3	-	-	1	3	3	2	1	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	-	-	(D)	-	-	-	-	-	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	-	-	(D)	(D)	(D)	(D)	(D)	-	(D)
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	-	-	(D)	(D)	(D)	(D)	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	-	-	(D)	-	(D)	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	(D)
	NEVADA . . . . .	3	-	-	-	1	2	1	-	-	-	8
20	FOOD AND KINDRED PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	(D)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(D)	-	-	-	(D)	-	-	-	-	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	-	-	1	-	(D)	-	-	-	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	-	-	-	(D)	-	-	-	-	(D)
	PACIFIC DIVISION . . . . .	459	22	54	112	267	123	176	104	38	47	462
	WASHINGTON . . . . .	80	6	14	25	36	14	31	22	14	8	87

See footnotes at end of table.



TABLE 6. Water Intake, Water Treated Prior to Use and Number of Establishments Treating Water Prior to Use by Type of Treatment: 1968—Continued

## C. STATES AND MAJOR INDUSTRY GROUPS—Continued

Code	State and major industry group	Water intake (billion gallons)										
		Total	Treated prior to use by type of treatment									
			Total	Aeration	Coagulation	Filtration	Softening	Ion exchange	Corrosion control	pH	Settling	Other
20	WASHINGTON											
24	FOOD AND KINDRED PRODUCTS. . . . .	14.2	1.0	-	-	-	.7	-	.1	.1	-	-
26	LUMBER AND WOOD PRODUCTS. . . . .	21.7	2.7	-	-	2.2	.5	-	.6	.5	.4	-
28	PAPER AND ALLIED PRODUCTS. . . . .	237.4	147.9	-	89.9	131.8	2.4	1.1	-	16.3	93.6	-
29	CHEMICALS AND ALLIED PRODUCTS. . . . .	41.6	1.5	-	-	-	.8	-	-	-	-	-
32	PETROLEUM AND COAL PRODUCTS. . . . .	3.9	3.1	-	-	-	-	-	-	-	-	-
33	STONE, CLAY, AND GLASS PRODUCTS. . . . .	2.7	.2	-	-	-	-	-	-	-	-	-
34	PRIMARY METAL INDUSTRIES. . . . .	41.0	4.0	-	-	-	-	-	-	-	-	-
37	FABRICATED METAL PRODUCTS. . . . .	(0)	(0)	-	-	-	-	-	-	-	-	-
	TRANSPORTATION EQUIPMENT. . . . .	(0)	(0)	-	-	-	-	-	-	-	-	-
20	OREGON . . . . .	152.5	47.2	-	32.4	64.7	1.1	1.6	5.7	2.6	19.2	1.0
22	FOOD AND KINDRED PRODUCTS. . . . .	6.9	.3	-	-	-	-	-	(2)	-	-	-
24	TEXTILE MILL PRODUCTS. . . . .	(0)	(0)	-	-	-	-	-	-	-	-	-
26	LUMBER AND WOOD PRODUCTS. . . . .	42.5	1.9	-	-	1.1	1.1	-	.2	-	-	.6
28	PAPER AND ALLIED PRODUCTS. . . . .	78.8	44.8	-	31.5	35.6	-	.6	-	-	19.2	-
29	CHEMICALS AND ALLIED PRODUCTS. . . . .	(0)	(0)	-	-	-	-	-	-	-	-	-
30	PETROLEUM AND COAL PRODUCTS. . . . .	(0)	(0)	-	-	-	-	-	-	-	-	-
31	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(0)	(0)	-	-	-	-	-	-	-	-	-
32	LEATHER AND LEATHER PRODUCTS. . . . .	(0)	(0)	-	-	-	-	-	-	-	-	-
33	STONE, CLAY, AND GLASS PRODUCTS. . . . .	(0)	(0)	-	-	-	-	-	-	-	-	-
34	PRIMARY METAL INDUSTRIES. . . . .	(0)	(0)	-	-	-	-	-	-	-	-	-
35	FABRICATED METAL PRODUCTS. . . . .	(0)	(0)	-	-	-	-	-	-	-	-	-
36	MACHINERY, EXCEPT ELECTRICAL. . . . .	(0)	(0)	-	-	-	-	-	-	-	-	-
37	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	(0)	(0)	-	-	-	-	-	-	-	-	-
	TRANSPORTATION EQUIPMENT. . . . .	(0)	(0)	-	-	-	-	-	-	-	-	-
20	CALIFORNIA . . . . .	363.5	97.0	2.3	40.3	36.9	37.0	12.6	30.6	32.3	18.7	9.9
22	FOOD AND KINDRED PRODUCTS. . . . .	66.8	11.2	1.5	.4	2.4	2.9	.4	2.6	1.7	2.2	3.0
24	TEXTILE MILL PRODUCTS. . . . .	.9	.3	-	-	-	.2	-	-	-	-	-
26	LUMBER AND WOOD PRODUCTS. . . . .	30.0	.8	-	-	.6	.5	.4	-	-	-	-
28	PAPER AND ALLIED PRODUCTS. . . . .	47.1	33.6	-	26.3	20.7	9.9	4.9	5.5	-	-	-
29	CHEMICALS AND ALLIED PRODUCTS. . . . .	30.5	10.5	-	-	2.5	2.2	.6	6.0	8.0	-	4.7
30	PETROLEUM AND COAL PRODUCTS. . . . .	123.7	16.0	-	-	3.4	5.2	5.0	9.3	8.7	-	-
31	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	1.3	.4	-	-	-	.3	-	.1	-	-	-
32	LEATHER AND LEATHER PRODUCTS. . . . .	.4	-	-	-	-	-	-	-	-	-	-
33	STONE, CLAY, AND GLASS PRODUCTS. . . . .	27.1	12.6	-	-	-	11.8	.3	.1	(2)	-	-
34	PRIMARY METAL INDUSTRIES. . . . .	14.4	6.6	-	-	-	3.2	-	5.0	-	-	-
35	FABRICATED METAL PRODUCTS. . . . .	1.2	.1	-	-	-	.1	-	-	-	-	-
36	MACHINERY, EXCEPT ELECTRICAL. . . . .	1.3	.1	-	-	-	(2)	(2)	-	-	-	-
37	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	4.0	1.0	-	-	.4	.1	.5	.4	.3	-	-
38	TRANSPORTATION EQUIPMENT. . . . .	7.7	3.4	-	-	1.0	.5	.2	1.4	.8	-	-
39	INSTRUMENTS AND RELATED PRODUCTS. . . . .	.5	-	-	-	-	-	-	-	-	-	-
	MISC. MANUFACTURING INDUSTRIES. . . . .	.1	-	-	-	-	-	-	-	-	-	-
20	ALASKA . . . . .	33.7	-	-	-	-	-	-	-	-	-	-
22	FOOD AND KINDRED PRODUCTS. . . . .	(0)	(0)	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . . . .	(0)	(0)	-	-	-	-	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS. . . . .	(0)	(0)	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	(0)	(0)	-	-	-	-	-	-	-	-	-
20	HAWAII . . . . .	95.3	16.1	-	-	-	.4	-	8.7	-	-	-
29	FOOD AND KINDRED PRODUCTS. . . . .	93.5	15.8	-	-	-	-	-	8.7	-	-	-
32	PETROLEUM AND COAL PRODUCTS. . . . .	(0)	(0)	-	-	-	-	-	-	-	-	-
	STONE, CLAY, AND GLASS PRODUCTS. . . . .	(0)	(0)	-	-	-	-	-	-	-	-	-

Note: Detailed figures may not add to totals because of independent rounding. The figures shown for industry groups include data for all component industries whether or not separate figures are shown for the individual industries in the group.

TABLE 6. Water Intake, Water Treated Prior to Use and Number of Establishments Treating Water Prior to Use by Type of Treatment: 1968—Continued

## C. STATES AND MAJOR INDUSTRY GROUPS—Continued

Code	State and major industry group	Number of establishments treating intake water prior to use by type of treatment										No treatment performed
		Total	Aeration	Coagulation	Filtration	Softening	Ion exchange	Corrosion control	pH	Settling	Other	
	WASHINGTON											
20	FOOD AND KINDRED PRODUCTS. . . . .	21	1	1	1	12	3	11	5	-	2	47
24	LUMBER AND WOOD PRODUCTS. . . . .	17	2	2	6	6	-	9	7	5	2	4
26	PAPER AND ALLIED PRODUCTS. . . . .	20	1	8	15	7	7	3	4	8	-	8
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	7	-	-	2	6	2	2	2	-	2	4
29	PETROLEUM AND COAL PRODUCTS. . . . .	4	-	1	-	2	1	3	3	-	-	1
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	4	1	1	1	-	-	1	1	-	2	6
33	PRIMARY METAL INDUSTRIES. . . . .	4	1	1	-	2	-	1	-	1	-	12
34	FABRICATED METAL PRODUCTS. . . . .	(D)	(D)	-	-	-	-	-	-	-	-	(D)
37	TRANSPORTATION EQUIPMENT. . . . .	(D)	(D)	-	-	(D)	(D)	(D)	-	-	-	(D)
	OREGON	45	1	8	21	11	8	15	5	6	8	84
20	FOOD AND KINDRED PRODUCTS. . . . .	9	-	-	2	2	-	4	1	-	1	29
22	TEXTILE MILL PRODUCTS. . . . .	(D)	(D)	-	-	-	-	-	-	-	-	(D)
24	LUMBER AND WOOD PRODUCTS. . . . .	19	-	1	6	6	2	9	2	-	4	25
26	PAPER AND ALLIED PRODUCTS. . . . .	11	-	7	11	1	4	1	1	5	2	6
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	(D)	(D)	-	-	(D)	-	-	-	-	-	(D)
29	PETROLEUM AND COAL PRODUCTS. . . . .	(D)	(D)	-	-	-	-	-	-	-	-	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	-	-	-	-	-	-	-	-	(D)
31	LEATHER AND LEATHER PRODUCTS. . . . .	(D)	(D)	-	-	-	-	-	-	(D)	-	-
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	(D)	(D)	-	(D)	-	-	-	-	-	-	(D)
33	PRIMARY METAL INDUSTRIES. . . . .	(D)	(D)	-	-	(D)	(D)	(D)	(D)	-	(D)	(D)
34	FABRICATED METAL PRODUCTS. . . . .	(D)	(D)	-	-	-	-	-	-	-	-	(D)
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	(D)	(D)	-	-	-	-	-	-	-	-	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	(D)	(D)	-	(D)	-	(D)	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT. . . . .	(D)	(D)	-	-	-	-	-	-	-	-	(D)
	CALIFORNIA	319	14	31	61	216	98	124	74	15	31	266
20	FOOD AND KINDRED PRODUCTS. . . . .	120	5	11	21	80	12	37	17	5	13	121
22	TEXTILE MILL PRODUCTS. . . . .	5	1	-	1	5	-	-	1	-	-	5
24	LUMBER AND WOOD PRODUCTS. . . . .	9	1	3	5	5	5	3	3	3	1	9
26	PAPER AND ALLIED PRODUCTS. . . . .	20	1	6	4	16	4	7	2	1	1	9
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	43	2	3	5	31	17	14	11	-	7	11
29	PETROLEUM AND COAL PRODUCTS. . . . .	20	1	3	5	17	10	14	11	1	2	5
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	8	-	-	3	5	3	4	3	-	-	1
31	LEATHER AND LEATHER PRODUCTS. . . . .	-	-	-	-	-	-	-	-	-	-	3
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	22	-	-	-	16	6	9	6	1	2	27
33	PRIMARY METAL INDUSTRIES. . . . .	13	-	2	3	9	3	5	2	3	-	14
34	FABRICATED METAL PRODUCTS. . . . .	7	-	-	-	4	1	2	2	-	2	13
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	6	1	-	1	5	4	2	2	-	-	8
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	19	-	3	5	8	14	9	4	-	1	14
37	TRANSPORTATION EQUIPMENT. . . . .	16	1	-	4	7	12	11	6	1	1	10
38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	3	-	-	-	1	1	2	1	-	1	5
39	MISC. MANUFACTURING INDUSTRIES. . . . .	-	-	-	-	-	-	-	-	-	-	3
	ALASKA	3	-	1	2	-	2	1	1	1	-	9
20	FOOD AND KINDRED PRODUCTS. . . . .	(D)	(D)	-	-	-	-	-	-	-	-	(D)
26	PAPER AND ALLIED PRODUCTS. . . . .	(D)	(D)	(D)	(D)	-	(D)	(D)	(D)	(D)	-	-
29	PETROLEUM AND COAL PRODUCTS. . . . .	(D)	(D)	-	-	-	(D)	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	(D)	(D)	-	-	-	-	-	-	-	-	(D)
	HAWAII	12	1	-	3	4	1	5	2	2	-	16
20	FOOD AND KINDRED PRODUCTS. . . . .	10	1	-	2	2	-	4	2	2	-	16
29	PETROLEUM AND COAL PRODUCTS. . . . .	(D)	(D)	-	(D)	(D)	(D)	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	(D)	(D)	-	-	(D)	-	(D)	-	-	-	-

Standard notes: - Represents zero. (D) Withheld to avoid disclosing figures of individual companies. (Z) Less than 50 million gallons.

TABLE 7. Gross Water Used and Number of Establishments Recirculating and Treating Water by Type of Treatment: 1968

## A. INDUSTRY GROUPS AND INDUSTRIES

Code	Industry group and industry	Gross water used, including recirculation or reuse (billion gallons)	Number of establishments treating water prior to recirculation or reuse by type of treatment											No treatment performed
			Total	Aeration	Coagulation	Filtration	Softening	Ion exchange	Corrosion control	pH	Settling	Flotation	Other	
	ALL INDUSTRIES, TOTAL . . . . .	33 405.1	3 240	416	212	597	825	333	1 950	1 458	443	117	476	6 162
20	FOOD AND KINDRED PRODUCTS . . . . .	1 169.2	554	69	17	58	160	39	283	216	56	14	110	1 791
201	MEAT PRODUCTS . . . . .	140.6	82	7	1	7	31	5	45	23	4	5	8	382
2011	MEATPACKING PLANTS . . . . .	114.7	58	7	1	4	26	5	31	19	2	4	3	172
2013	SAUSAGES AND OTHER PREPARED MEATS . . . . .	9.1	10	-	-	-	-	-	7	3	1	-	3	44
2015	POULTRY DRESSING PLANTS . . . . .	16.8	14	-	-	3	5	-	7	1	1	1	2	166
202	DAIRY PRODUCTS . . . . .	49.3	102	15	1	6	38	6	67	52	5	1	8	416
2021	CREAMERY BUTTER . . . . .	4.7	6	2	-	-	-	-	4	3	-	-	2	55
2022	CHEESE, NATURAL AND PROCESSED . . . . .	1.8	3	-	-	-	2	-	2	1	-	-	-	40
2023	CONDENSED AND EVAPORATED MILK . . . . .	10.5	12	2	-	2	2	1	5	7	-	-	4	59
2024	ICE CREAM AND FROZEN DESSERTS . . . . .	5.1	8	1	-	-	1	-	6	4	-	-	1	32
2026	FLUID MILK . . . . .	27.1	73	10	1	4	33	5	50	37	5	1	1	230
203	CANNED, CURED, AND FROZEN FOODS . . . . .	195.9	100	10	3	17	12	6	27	14	4	2	53	348
2031	CANNED AND CURED SEAFOODS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2032	CANNED SPECIALTIES . . . . .	20.3	11	2	2	3	2	1	3	3	1	1	8	21
2033	CANNED FRUITS AND VEGETABLES . . . . .	64.8	49	5	-	6	3	3	10	5	1	1	30	171
2034	DEHYDRATED FOOD PRODUCTS . . . . .	7.9	6	1	1	2	1	-	1	1	-	-	2	17
2035	PICKLES, SAUCES, AND SALAD DRESSINGS . . . . .	3.4	7	-	-	1	4	1	5	1	1	-	2	21
2036	FRESH OR FROZEN PACKAGED FISH . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2037	FROZEN FRUITS AND VEGETABLES . . . . .	98.8	26	2	-	5	2	1	8	3	1	-	11	83
204	GRAIN MILL PRODUCTS . . . . .	119.8	26	4	2	2	8	6	13	12	2	-	4	57
2041	FLOUR AND OTHER GRAIN MILL PRODUCTS . . . . .	2.7	3	-	-	-	1	-	3	3	-	-	-	11
2042	PREPARED FEEDS FOR ANIMALS AND FOWLS . . . . .	5.1	7	1	-	-	2	1	2	1	-	-	1	25
2043	CEREAL PREPARATIONS . . . . .	5.1	6	2	1	-	2	2	3	3	1	-	1	3
2044	RICE MILLING . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2045	BLENDED AND PREPARED FLOUR . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2046	WET CORN MILLING . . . . .	106.4	8	1	1	2	3	3	4	4	1	-	1	12
205	BAKERY PRODUCTS . . . . .	8.5	24	4	2	1	5	2	19	11	-	1	5	41
2051	BREAD, CAKE, AND RELATED PRODUCTS . . . . .	2.3	15	2	2	1	2	1	13	5	-	1	3	33
2052	COOKIES AND CRACKERS . . . . .	6.2	9	2	-	-	3	1	6	6	-	-	2	8
206	SUGAR . . . . .	321.5	59	8	3	3	10	2	12	30	32	2	14	68
2061	RAW CANE SUGAR . . . . .	139.4	9	4	-	-	1	-	1	2	3	-	3	40
2062	CANE SUGAR REFINING . . . . .	91.4	9	1	1	3	5	2	5	3	-	-	2	14
2063	BET SUGAR . . . . .	90.7	41	3	2	-	4	-	6	25	29	2	9	14
207	CONFECTIONERY AND RELATED PRODUCTS . . . . .	26.8	13	4	-	2	3	1	12	7	1	-	2	26
2071	CONFECTIONERY PRODUCTS . . . . .	18.3	11	3	-	2	3	1	10	6	1	-	2	19
2072	CHOCOLATE AND COCOA PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	(D)	(D)	-	-	-	(D)
2073	CHEWING GUM . . . . .	(D)	(D)	(D)	(D)	-	-	-	(D)	-	-	-	-	(D)
208	BEVERAGES . . . . .	188.5	76	7	2	12	27	6	43	31	4	-	11	236
2082	MALT LIQUORS . . . . .	124.7	30	2	1	6	12	2	21	13	3	-	3	65
2083	MALT . . . . .	17.6	7	-	-	1	2	-	4	1	-	-	4	17
2084	WINES, BRANDY, AND BRANDY SPIRITS . . . . .	4.8	10	1	-	-	2	1	7	10	-	-	4	7
2085	DISTILLED LIQUOR, EXCEPT BRANDY . . . . .	28.3	13	2	-	2	7	3	3	3	-	-	-	18
2086	BOTTLED AND CANNED SOFT DRINKS . . . . .	5.5	16	2	1	3	4	-	8	4	1	-	-	114
2087	FLAVORING EXTRACTS AND SIRUPS, NEC . . . . .	.3	-	-	-	-	-	-	-	-	-	-	-	14
209	MISC. FOODS AND KINDRED PRODUCTS . . . . .	118.3	72	10	3	8	26	5	45	36	4	3	5	217
2091	COTTONSEED OIL MILLS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
2092	SOYBEAN OIL MILLS . . . . .	36.7	20	5	1	1	9	3	14	13	2	-	-	27
2093	VEGETABLE OIL MILLS, NEC . . . . .	2.8	4	-	-	-	-	-	3	3	-	-	-	3
2094	ANIMAL AND MARINE FATS AND OILS . . . . .	5.2	7	1	-	-	6	-	4	3	-	-	-	58
2095	ROASTED COFFEE . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	(D)	(D)
2096	SHORTENING AND COOKING OILS . . . . .	42.5	23	3	2	2	6	1	12	11	2	2	2	24
2097	MANUFACTURED ICE . . . . .	5.4	3	-	-	-	-	-	3	1	-	-	-	31
2098	MACARONI AND SPAGHETTI . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
2099	FOOD PREPARATIONS, NEC . . . . .	19.4	13	1	-	4	5	1	7	5	-	1	2	59
21	TOBACCO MANUFACTURES . . . . .	76.9	16	1	-	1	3	2	14	11	-	-	5	8
2111	CIGARETTES . . . . .	70.4	10	-	-	-	-	1	10	7	-	-	3	1
2121	CIGARS . . . . .	(D)	(D)	(D)	-	-	(D)	-	(D)	(D)	-	-	-	(D)
2131	CHEWING AND SMOKING TOBACCO . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
2141	TOBACCO STEMMING AND REORYING . . . . .	(D)	(D)	(D)	-	(D)	(D)	(D)	(D)	(D)	-	-	2	(D)
22	TEXTILE MILL PRODUCTS . . . . .	279.1	177	17	12	21	35	5	121	88	13	1	21	507
2211	WEAVING MILLS, COTTON . . . . .	97.0	54	4	4	6	11	1	36	27	2	-	8	70
2221	WEAVING MILLS, SYNTHETICS . . . . .	41.2	30	4	1	2	8	4	24	19	3	-	5	56
2231	WEAVING AND FINISHING MILLS, WOOL . . . . .	17.5	11	1	2	3	3	-	5	2	3	-	-	51
2241	NARROW FABRIC MILLS . . . . .	.7	-	-	-	-	-	-	-	-	-	-	-	11
225	KNITTING MILLS . . . . .	8.3	15	-	-	-	2	-	10	6	-	-	1	85
2251	WOMEN'S HOSIERY, EXCEPT SOCKS . . . . .	1.3	6	-	-	-	-	-	5	1	-	-	-	11
2252	HOSIERY, NEC . . . . .	(D)	(D)	-	-	-	(D)	-	-	-	-	-	-	(D)
2253	KNIT OUTERWEAR MILLS . . . . .	(D)	(D)	-	-	-	-	-	(D)	(D)	-	-	-	(D)
2254	KNIT UNDERWEAR MILLS . . . . .	.8	-	-	-	-	-	-	-	-	-	-	-	11
2256	KNIT FABRIC MILLS . . . . .	4.9	7	-	-	-	1	-	4	4	-	-	1	33
226	TEXTILE FINISHING, EXCEPT WOOL . . . . .	42.3	21	1	4	6	4	-	12	15	3	-	1	106
2261	FINISHING PLANTS, COTTON . . . . .	23.8	9	1	2	3	1	-	5	7	2	-	1	41
2262	FINISHING PLANTS, SYNTHETICS . . . . .	15.5	9	-	1	2	1	-	5	6	-	-	-	36
2269	FINISHING PLANTS, NEC . . . . .	2.9	3	-	1	1	2	-	2	2	1	-	-	29
227	FLOOR COVERING MILLS . . . . .	15.8	4	1	-	-	-	-	3	1	-	-	-	46
2271	WOVEN CARPETS AND RUGS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	(D)

See footnotes at end of table.



TABLE 7. Gross Water Used and Number of Establishments Recirculating and Treating Water by Type of Treatment: 1968—Continued

## A. INDUSTRY GROUPS AND INDUSTRIES—Continued

Code	Industry group and industry	Gross water used, including recirculation or reuse (billion gallons)	Number of establishments treating water prior to recirculation or reuse by type of treatment											No treatment performed
			Total	Aeration	Coagulation	Filtration	Softening	Ion exchange	Corrosion control	pH	Settling	Flotation	Other	
2272	TUFTED CARPETS AND RUGS. . . . .	7.1	4	1	-	-	-	-	3	1	-	-	-	40
2279	CARPETS AND RUGS, NEC. . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	-	(D)
228	YARN AND THREAD MILLS. . . . .	35.1	25	4	-	-	3	-	17	10	1	-	3	40
2281	YARN MILLS, EXCEPT WOOL. . . . .	29.0	18	2	-	-	2	-	12	7	1	-	2	23
2282	THROWING AND WINDING MILLS. . . . .	(D)	(D)	(D)	-	-	(D)	-	(D)	(D)	-	-	-	(D)
2283	WOOL YARN MILLS. . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-	-	(D)
2284	THREAD MILLS. . . . .	5.0	4	1	-	-	-	-	3	1	-	-	1	9
229	MISCELLANEOUS TEXTILE GOODS. . . . .	21.3	17	2	1	4	4	-	14	8	1	1	3	42
2291	FELT GOODS, NEC. . . . .	(D)	(D)	-	-	-	(D)	-	(D)	(D)	-	-	-	(D)
2292	LACE GOODS. . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-	-	(D)
2293	PADINGS AND UPHOLSTERY FILLING. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
2294	PROCESSED TEXTILE WASTE. . . . .	(D)	(D)	-	-	-	-	-	(D)	-	-	-	-	(D)
2295	COATED FABRICS, NOT RUBBERIZED. . . . .	11.7	5	1	1	1	1	-	3	2	1	1	1	10
2296	TIRE CORD AND FABRIC. . . . .	4.2	6	1	-	2	2	-	6	3	-	-	1	3
2297	SCOURING AND COMBING PLANTS. . . . .	(D)	(D)	-	-	-	-	-	(D)	-	-	-	-	(D)
2298	CORDAGE AND TWINE. . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-	-	(D)
2299	TEXTILE GOODS, NEC. . . . .	(D)	(D)	(D)	-	(D)	-	-	(D)	(D)	-	-	(D)	(D)
24	LUMBER AND WOOD PRODUCTS. . . . .	163.1	39	5	8	6	12	3	23	17	4	-	3	149
2411	LOGGING CAMPS, LOGGING CONTRACTORS. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	(D)
242	SAWMILLS AND PLANING MILLS. . . . .	94.0	18	2	4	5	7	1	11	8	2	-	2	63
2421	SAWMILLS AND PLANING MILLS, GENERAL. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	(D)	(D)
2426	HARDWOOD DIMENSION AND FLOORING. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	(D)	(D)
243	MILLWORK, PLYWOOD, RELATED PRDD. . . . .	52.2	17	2	4	-	4	2	11	9	1	-	-	45
2431	MILLWORK. . . . .	(D)	(D)	(D)	-	-	(D)	(D)	(D)	(D)	(D)	-	-	(D)
2432	VENEER AND PLYWOOD. . . . .	51.4	13	1	4	-	2	1	10	8	-	-	-	42
2433	PREFABRICATED WOOD STRUCTURES. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
244	WOODEN CONTAINERS. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
2441	NAILED WOODEN BOXES AND SHODK. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
2442	WIREBOUND BOXES AND CRATES. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
249	MISCELLANEOUS WOOD PRODUCTS. . . . .	14.5	4	1	-	1	1	-	1	-	1	-	1	34
2491	WOOD PRESERVING. . . . .	.8	-	-	-	-	-	-	-	-	-	-	-	13
2499	WOOD PRODUCTS, NEC. . . . .	13.6	4	1	-	1	1	-	1	-	1	-	1	21
25	FURNITURE AND FIXTURES. . . . .	4.6	9	1	-	1	4	1	5	7	2	1	-	46
251	HOUSEHOLD FURNITURE. . . . .	3.2	4	1	-	-	2	1	2	2	-	-	-	24
2511	WOOD HOUSEHOLD FURNITURE. . . . .	2.4	2	1	-	-	2	1	-	1	-	-	-	18
2512	UPHOLSTERED HOUSEHOLD FURNITURE. . . . .	(D)	(D)	-	-	-	-	-	(D)	(D)	-	-	-	(D)
2514	METAL HOUSEHOLD FURNITURE. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
2515	MATTRESSES AND BEDSPRINGS. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
2519	HOUSEHOLD FURNITURE, NEC. . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	-	(D)
252	OFFICE FURNITURE. . . . .	(D)	(D)	(D)	-	-	(D)	-	(D)	(D)	(D)	-	-	(D)
2522	METAL OFFICE FURNITURE. . . . .	(D)	(D)	(D)	-	-	(D)	-	(D)	(D)	(D)	-	-	(D)
2531	PUBLIC BUILDING FURNITURE. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	-	(D)	(D)	(D)	-	-	(D)
254	PARTITIONS AND FIXTURES. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
2542	METAL PARTITIONS AND FIXTURES. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
259	MISC. FURNITURE AND FIXTURES. . . . .	.3	2	-	-	-	-	-	1	2	-	1	-	4
2591	VENETIAN BLINDS AND SHADES. . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	(D)	-	(D)
2599	FURNITURE AND FIXTURES, NEC. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
26	PAPER AND ALLIED PRODUCTS. . . . .	6 453.3	317	20	50	159	61	27	79	67	47	54	44	302
2611	PULPMILLS. . . . .	812.2	15	-	-	6	-	2	2	5	2	1	4	16
2621	PAPERMILLS, EXCEPT BUILDING PAPER. . . . .	3 062.2	145	10	27	84	31	14	31	26	20	35	18	104
2631	PAPERBOARD MILLS. . . . .	2 427.0	104	4	21	57	14	9	15	14	19	16	14	77
264	MISC. CONVERTED PAPER PRODUCTS. . . . .	46.9	20	3	-	7	8	1	14	11	-	1	2	56
2641	PAPER COATING AND GLAZING. . . . .	9.2	10	1	-	3	4	1	9	6	-	-	2	19
2642	ENVELOPES. . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-	-	(D)
2643	BAGS, EXCEPT TEXTILE BAGS. . . . .	(D)	(D)	(D)	-	(D)	-	-	(D)	(D)	-	-	-	9
2644	WALLPAPER. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	2
2645	DIE-CUT PAPER AND BOARD. . . . .	(D)	(D)	(D)	-	-	(D)	-	(D)	(D)	-	-	-	(D)
2646	PRESSED AND MOLDED PULP GOODS. . . . .	(D)	(D)	-	-	(D)	-	-	(D)	(D)	-	-	-	(D)
2647	SANITARY PAPER PRODUCTS. . . . .	19.1	3	1	-	1	1	-	1	-	-	1	-	7
2649	CONVERTED PAPER PRODUCTS, NEC. . . . .	(D)	(D)	-	-	-	(D)	-	-	-	-	-	-	(D)
265	PAPERBOARD CONTAINERS AND BOXES. . . . .	12.5	14	1	1	1	5	1	12	4	-	-	-	27
2651	FOLDING PAPERBOARD BOXES. . . . .	6.4	3	-	-	-	1	-	3	1	-	-	-	3
2653	CORRUGATED AND SOLID FIBER BOXES. . . . .	(D)	(D)	(D)	-	-	(D)	(D)	(D)	(D)	-	-	-	(D)
2654	SANITARY FOOD CONTAINERS. . . . .	5.0	7	-	-	1	2	-	6	2	-	-	-	8
2655	FIBER CANS, DRUMS, RELATED MATERIAL. . . . .	(D)	(D)	(D)	(D)	-	(D)	-	-	-	-	-	-	(D)
2661	BUILDING PAPER AND BOARD MILLS. . . . .	92.6	19	2	1	4	3	-	5	7	6	1	6	22
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	8 334.3	531	75	33	78	95	52	399	305	57	3	70	594
281	INDUSTRIAL CHEMICALS. . . . .	5 853.1	294	45	19	49	43	30	223	189	37	2	35	288
2812	ALKALIES AND CHLORINE. . . . .	564.3	21	3	2	4	6	5	18	15	2	-	4	10
2813	INDUSTRIAL GASES. . . . .	116.0	38	9	1	6	5	-	31	25	-	-	2	27
2815	CYCLIC INTERMEDIATES AND CRUDES. . . . .	360.6	31	4	1	6	2	3	24	19	2	-	4	31
2816	INORGANIC PIGMENTS. . . . .	124.2	8	2	1	1	-	-	4	3	2	-	1	16
2818	INDUSTRIAL ORGANIC CHEMICALS, NEC. . . . .	3 367.5	93	14	8	14	12	10	71	60	15	2	14	84
2819	INDUSTRIAL INORGANIC CHEMICALS, NEC. . . . .	1 320.4	103	13	6	18	18	12	75	67	16	-	10	120

See footnotes at end of table.

**TABLE 7. Gross Water Used and Number of Establishments Recirculating and Treating Water by Type of Treatment: 1968—Continued**

**A. INDUSTRY GROUPS AND INDUSTRIES—Continued**

Code	Industry group and industry	Gross water used, including recirculation or reuse (billion gallons)	Number of establishments treating water prior to recirculation or reuse by type of treatment											No treatment performed
			Total	Aeration	Coagulation	Filtration	Softening	Ion exchange	Corrosion control	pH	Settling	Flotation	Other	
282	PLASTICS MATERIALS AND SYNTHETICS . . . . .	1 530.2	107	10	10	20	18	11	92	60	7	-	16	86
2821	PLASTICS MATERIALS AND RESINS . . . . .	489.8	63	5	5	8	10	5	54	37	1	-	9	65
2822	SYNTHETIC RUBBER . . . . .	336.1	17	1	4	7	5	2	17	11	5	-	2	6
2823	CELLULOSIC MANMADE FIBERS . . . . .	391.5	9	1	-	2	1	1	5	4	-	-	2	9
2824	ORGANIC FIBERS, NONCELLULOSIC . . . . .	312.8	18	3	1	3	2	3	16	8	1	-	3	6
283	DRUGS . . . . .	142.5	38	3	-	3	9	3	29	18	-	-	5	37
2831	BIOLOGICAL PRODUCTS . . . . .	1.7	3	-	-	-	1	1	3	2	-	-	-	4
2833	MEDICINALS AND BOTANICALS . . . . .	43.4	6	-	-	-	1	-	1	4	-	-	1	10
2834	PHARMACEUTICAL PREPARATIONS . . . . .	97.4	29	3	-	3	7	2	25	12	-	-	4	23
284	SOAP, CLEANERS, AND TOILET GOODS . . . . .	40.4	20	3	1	2	4	-	13	10	2	-	2	45
2841	SOAP AND OTHER DETERGENTS . . . . .	29.0	10	2	-	1	4	-	3	3	2	-	-	17
2842	POLISHES AND SANITATION GOODS . . . . .	.1	-	-	-	-	-	-	-	-	-	-	-	7
2843	SURFACE ACTIVE AGENTS . . . . .	9.6	4	-	-	1	-	-	4	3	-	-	-	15
2844	TOILET PREPARATIONS . . . . .	1.8	6	1	1	-	-	-	6	4	-	-	2	6
2851	PAINTS AND ALLIED PRODUCTS . . . . .	8.1	7	-	-	-	5	1	3	1	-	-	3	25
2861	GUM AND WOOD CHEMICALS . . . . .	104.9	8	5	1	1	3	-	6	3	-	1	-	6
287	AGRICULTURAL CHEMICALS . . . . .	517.5	25	2	-	-	4	1	16	15	7	-	4	35
2871	FERTILIZERS . . . . .	466.6	17	2	-	-	2	1	11	10	6	-	4	25
2872	FERTILIZERS, MIXING ONLY . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	(D)	-	-	(D)
2879	AGRICULTURAL CHEMICALS, NEC . . . . .	(D)	(D)	(D)	-	-	(D)	-	(D)	(D)	-	-	-	(D)
289	MISCELLANEOUS CHEMICAL PRODUCTS . . . . .	137.6	32	7	2	3	9	6	17	9	4	-	5	72
2891	ADHESIVES AND GELATIN . . . . .	18.0	7	1	1	-	1	-	2	1	1	-	2	15
2892	EXPLOSIVES . . . . .	55.2	5	1	1	1	1	2	3	4	1	-	-	16
2893	PRINTING INK . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
2895	CARBON BLACK . . . . .	(D)	(D)	(D)	-	-	(D)	(D)	(D)	(D)	-	-	(D)	(D)
2899	CHEMICAL PREPARATIONS, NEC . . . . .	50.2	17	4	-	2	4	3	10	3	2	-	2	22
29	PETROLEUM AND COAL PRODUCTS . . . . .	7 167.2	172	21	13	49	33	22	136	120	20	3	45	88
2911	PETROLEUM REFINING . . . . .	7 158.4	160	21	13	46	33	21	132	114	17	2	43	54
295	PAVING AND ROOFING MATERIALS . . . . .	(D)	(D)	(D)	-	(D)	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2951	PAVING MIXTURES AND BLOCKS . . . . .	(D)	(D)	(D)	(D)	(D)	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2952	ASPHALT FELTS AND COATINGS . . . . .	(D)	(D)	(D)	(D)	(D)	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)
299	MISC. PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	-	(D)
2992	LUBRICATING OILS AND GREASES . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	-	(D)
2999	PETROLEUM AND COAL PRODUCTS, NEC . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	242.2	105	15	3	16	33	8	74	45	7	4	13	196
3011	TIRES AND INNER TUBES . . . . .	137.6	32	5	-	3	10	1	22	14	-	-	5	21
3021	RUBBER FOOTWEAR . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	-	(D)	(D)	(D)	(D)	(D)	(D)
3031	RECLAIMED RUBBER . . . . .	(D)	(D)	(D)	(D)	-	(D)	-	(D)	(D)	-	-	-	(D)
3069	FABRICATED RUBBER PRODUCTS, NEC . . . . .	68.9	33	2	-	4	11	4	26	13	4	2	4	75
3079	MISCELLANEOUS PLASTICS PRODUCTS . . . . .	32.3	35	7	3	8	9	3	23	15	2	1	3	93
31	LEATHER AND LEATHER PRODUCTS . . . . .	12.6	13	2	-	2	7	-	7	5	-	-	1	79
3111	LEATHER TANNING AND FINISHING . . . . .	12.1	11	1	-	1	7	-	6	5	-	-	1	64
3121	INDUSTRIAL LEATHER BELTING . . . . .	(D)	(D)	(D)	-	(D)	-	-	-	-	-	-	-	-
314	FOOTWEAR, EXCEPT RUBBER . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	-	(D)
3141	SHOES, EXCEPT RUBBER . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	-	(D)
3161	LUGGAGE . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
317	HANDBAGS, PERSONAL LEATHER GOODS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
3172	PERSONAL LEATHER GOODS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	346.1	179	18	2	22	38	11	89	58	45	6	23	407
3211	FLAT GLASS . . . . .	71.0	14	2	-	2	5	2	11	2	2	-	1	6
322	GLASS, GLASSWARE, PRESSED OR BLOWN . . . . .	59.1	48	9	-	5	11	2	35	25	4	3	12	55
3221	GLASS CONTAINERS . . . . .	17.7	27	5	-	2	6	-	23	17	2	2	8	33
3229	PRESSED AND BLOWN GLASS, NEC . . . . .	41.5	21	4	-	3	5	2	12	8	2	1	4	22
3231	PRODUCTS OF PURCHASED GLASS . . . . .	6.5	7	-	-	1	4	1	4	3	-	-	-	14
3241	CEMENT, HYDRAULIC . . . . .	123.1	32	5	1	2	7	3	8	6	10	-	3	110
325	STRUCTURAL CLAY PRODUCTS . . . . .	1.0	3	-	-	-	1	-	2	2	-	-	-	10
3251	BRICK AND STRUCTURAL CLAY TILE . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
3253	CERAMIC WALL AND FLOOR TILE . . . . .	(D)	(D)	(D)	-	-	(D)	-	-	(D)	-	-	-	(D)
3255	CLAY REFRACTORIES . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-	-	(D)
3259	STRUCTURAL CLAY PRODUCTS, NEC . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
326	POTTERY AND RELATED PRODUCTS . . . . .	5.7	6	-	-	-	-	1	4	2	-	-	1	17
3261	VITREOUS PLUMBING FIXTURES . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	-	(D)
3262	VITREOUS CHINA FOOD UTENSILS . . . . .	(D)	(D)	-	-	-	-	-	-	(D)	-	-	-	(D)
3263	FINE EARTHENWARE FOOD UTENSILS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-	-	(D)
3264	PORCELAIN ELECTRICAL SUPPLIES . . . . .	1.8	4	-	-	-	-	1	3	1	-	-	1	6
327	CONCRETE, GYPSUM, PLASTER PRODUCTS . . . . .	10.5	16	-	-	2	5	1	6	1	7	-	-	98

See footnotes at end of table.



TABLE 7. Gross Water Used and Number of Establishments Recirculating and Treating Water by Type of Treatment: 1968—Continued

## A. INDUSTRY GROUPS AND INDUSTRIES—Continued

Code	Industry group and industry	Gross water used, including recirculation or reuse (billion gallons)	Number of establishments treating water prior to recirculation or reuse by type of treatment											No treatment performed
			Total	Aeration	Coagulation	Filtration	Softening	Ion exchange	Corrosion control	pH	Settling	Flotation	Other	
3271	CONCRETE BLOCK AND BRICK . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	2
3272	CONCRETE PRODUCTS, NEC . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	4
3273	READY-MIXED CONCRETE . . . . .	2.9	5	-	-	-	-	-	-	-	S	-	-	37
3274	LIME . . . . .	4.4	4	-	-	-	2	-	-	-	2	-	-	19
3275	GYPSUM PRODUCTS . . . . .	2.7	7	-	-	2	3	1	6	1	-	-	-	36
3281	CUT STONE AND STONE PRODUCTS . . . . .	2.1	2	-	-	-	-	-	-	-	2	-	-	1S
329	MISC. NONMETALLIC MINERAL PRODUCTS	66.9	S1	2	1	10	5	1	19	17	2D	3	6	82
3291	ABRASIVE PRODUCTS . . . . .	S.4	S	-	-	-	1	1	2	2	1	-	-	1S
3292	ASBESTOS PRODUCTS . . . . .	15.3	19	1	1	4	1	-	S	3	7	1	S	21
3293	GASKETS AND INSULATIONS . . . . .	3.2	5	-	-	-	1	-	2	2	2	-	-	8
3295	MINERALS, GROUND OR TREATED . . . . .	18.7	6	-	-	1	1	-	-	-	6	-	-	13
3296	MINERAL WOOL . . . . .	15.7	12	1	-	3	1	-	9	7	1	-	1	16
3297	NONCLAY REFRACTORIES . . . . .	(D)	(D)	(D)	-	(D)	-	-	-	-	(D)	-	-	(D)
3299	NONMETALLIC MINERAL PRODUCTS, NEC . . . . .	(D)	(D)	(D)	-	(D)	-	-	(D)	(D)	(D)	(D)	-	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	7 261.5	333	62	37	55	89	3S	176	129	111	16	49	508
331	BLAST FURNACE, BASIC STEEL PRDD . . . . .	6 066.5	139	23	24	34	39	17	80	55	56	9	24	169
3312	BLAST FURNACES AND STEEL MILLS . . . . .	S 934.7	97	18	22	27	34	1S	53	44	48	9	18	102
3313	ELECTROMETALLURGICAL PRODUCTS . . . . .	109.0	11	1	1	1	1	-	8	5	3	-	3	9
3315	STEEL WIRE AND RELATED PRODUCTS . . . . .	8.3	16	2	1	-	1	-	12	3	1	-	3	26
3316	COLD FINISHING OF STEEL SHAPES . . . . .	7.9	8	1	-	1	3	-	12	3	2	-	-	16
3317	STEEL PIPE AND TUBES . . . . .	6.6	7	1	1	4	1	1	3	1	2	-	-	16
332	IRON AND STEEL FOUNDRIES . . . . .	67.6	42	S	2	3	10	1	17	10	19	4	3	94
3321	GRAY IRON FOUNDRIES . . . . .	47.3	22	1	-	1	3	-	8	4	12	1	2	46
3322	MALLEABLE IRON FOUNDRIES . . . . .	13.2	S	2	-	1	3	-	3	1	3	-	1	14
3323	STEEL FOUNDRIES . . . . .	7.0	1S	2	2	1	4	1	6	S	4	3	-	34
333	PRIMARY NONFERROUS METALS . . . . .	887.6	4S	8	S	6	13	7	20	17	18	-	3	33
3331	PRIMARY COPPER . . . . .	168.1	16	2	1	1	6	2	8	3	6	-	-	4
3332	PRIMARY LEAD . . . . .	1S.0	3	-	-	-	1	-	1	-	1	-	-	4
3333	PRIMARY ZINC . . . . .	75.1	8	-	-	-	2	1	1	3	3	-	1	6
3334	PRIMARY ALUMINUM . . . . .	487.8	15	4	3	2	3	2	8	11	8	-	2	9
3339	PRIMARY NONFERROUS METALS, NEC . . . . .	141.6	3	2	1	3	1	2	2	-	-	-	-	10
3341	SECONDARY NONFERROUS METALS . . . . .	2.4	3	1	-	-	1	-	2	2	1	-	-	17
335	NONFERROUS ROLLING AND DRAWING . . . . .	199.2	68	16	5	8	16	8	39	3D	13	2	8	102
3351	COPPER ROLLING AND DRAWING . . . . .	48.7	12	2	1	3	2	1	5	3	3	2	3	38
3352	ALUMINUM ROLLING AND DRAWING . . . . .	98.3	2S	7	-	3	S	6	18	16	3	-	3	15
3356	NONFERROUS ROLLING AND DRAWING, NEC . . . . .	22.7	8	2	-	1	4	-	6	4	1	-	-	4
3357	NONFERROUS WIREDRAWING, INSULATING . . . . .	29.6	23	S	4	1	5	1	10	7	6	-	S	41
336	NONFERROUS FOUNDRIES . . . . .	19.8	19	6	1	3	5	2	10	8	3	1	7	33
3361	ALUMINUM CASTINGS . . . . .	11.2	9	1	-	2	1	-	4	3	-	-	4	22
3362	BRASS, BRONZE, AND COPPER CASTINGS . . . . .	1.2	4	2	-	-	1	-	3	2	2	-	-	6
3369	NONFERROUS CASTINGS, NEC . . . . .	7.4	6	3	1	1	3	2	3	3	1	1	3	5
339	MISC. PRIMARY METAL PRDUDTS . . . . .	18.4	17	3	-	1	S	-	8	7	1	-	4	6D
3391	IRON AND STEEL FORGINGS . . . . .	11.1	6	1	-	1	3	-	3	1	-	-	-	28
3392	NONFERROUS FORGINGS . . . . .	4.8	S	2	-	-	-	-	3	3	-	-	1	3
3399	PRIMARY METAL PRODUCTS, NEC . . . . .	2.5	6	-	-	-	2	-	2	3	1	-	3	29
34	FABRICATED METAL PRODUCTS . . . . .	143.2	127	11	3	2S	37	19	82	57	18	1	15	442
3411	METAL CANS . . . . .	1.5	9	-	-	1	4	1	4	3	-	-	2	19
342	CUTLERY, HANDTOOLS, AND HARDWARE . . . . .	27.5	26	2	1	10	8	S	17	10	8	-	3	50
3421	CUTLERY . . . . .	7.4	3	-	-	3	-	-	-	-	-	-	-	4
3423	HAND AND EDGE TOOLS, NEC . . . . .	(D)	(D)	(D)	(D)	-	(D)	(D)	(D)	(D)	-	-	(D)	(D)
3425	HANDSAWS AND SAW BLADES . . . . .	(D)	(D)	(D)	(D)	-	(D)	(D)	(D)	(D)	-	-	(D)	(D)
3429	HARDWARE, NEC . . . . .	18.2	18	2	1	7	6	4	12	9	8	-	1	29
343	PLUMBING AND HEATING EXC. ELECTRIC	S.5	9	2	-	1	4	2	4	1	1	1	1	29
3431	METAL SANITARY WARE . . . . .	3.9	4	2	-	1	2	1	2	1	1	-	1	9
3432	PLUMBING FITTINGS AND BRASS GOODS . . . . .	(D)	(D)	(D)	-	-	-	(D)	(D)	-	-	-	(D)	(D)
3433	HEATING EQUIPMENT, EXCEPT ELECTRIC . . . . .	(D)	(D)	(D)	-	-	(D)	-	(D)	-	-	(D)	-	(D)
344	FABRICATED STRUCTURAL METAL PROD..	9.0	15	1	-	2	4	1	8	6	1	-	2	46
3441	FABRICATED STRUCTURAL STEEL . . . . .	(D)	(D)	(D)	-	-	-	-	-	(D)	-	-	-	(D)
3442	METAL DOORS, SASH, AND TRIM . . . . .	3.2	4	-	-	-	2	1	2	2	-	-	-	9
3443	FABRICATED PLATEWORK (BOILER SHOPS) . . . . .	3.4	8	-	-	2	1	-	4	2	-	-	2	14
3444	SHEET METALWRK. . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	-	(D)
3446	ARCHITECTURAL METALWORK . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	-	(D)
3449	MISCELLANEOUS METALWORK . . . . .	(D)	(D)	(D)	-	-	(D)	-	(D)	(D)	-	-	-	(D)
345	SCREW MACHINE PRODUCTS, BOLTS, ETC	S.1	S	-	-	-	2	1	3	2	1	-	2	44
3451	SCREW MACHINE PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-	-	(D)
3452	BOLTS, NUTS, RIVETS, AND WASHERS . . . . .	(D)	(D)	(D)	-	-	(D)	(D)	(D)	(D)	(D)	-	(D)	(D)
3461	METAL STAMPINGS . . . . .	7S.4	32	1	1	7	7	4	23	21	2	-	3	55
347	METAL SERVICES, NEC . . . . .	3.8	S	-	-	-	1	1	2	3	1	-	-	113
3471	PLATING AND POLISHING . . . . .	3.8	S	-	-	-	1	1	2	3	1	-	-	10S
3479	METAL COATING AND ALLIED SERVICES . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	8
3481	MISC. FABRICATED WIRE PRODUCTS . . . . .	.9	3	-	-	-	1	-	2	1	1	-	-	17
349	MISC. FABRICATED METAL PRODUCTS . . . . .	14.4	23	5	1	4	6	4	19	10	3	-	2	69
3491	METAL BARRELS, DRUMS, AND PAILS . . . . .	.4	-	-	-	-	-	-	-	-	-	-	-	8
3492	SAFES AND VAULTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
3493	STEEL SPRINGS . . . . .	.1	-	-	-	-	-	-	-	-	-	-	-	5
3494	VALVES AND PIPE FITTINGS . . . . .	4.3	9	1	-	1	4	3	7	3	2	-	-	31
3496	COLLAPSIBLE TUBES . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	-	(D)

See footnotes at end of table.



TABLE 7. Gross Water Used and Number of Establishments Recirculating and Treating Water by Type of Treatment: 1968—Continued

## A. INDUSTRY GROUPS AND INDUSTRIES—Continued

Code	Industry group and industry	Gross water used, including recirculation or reuse (billion gallons)	Number of establishments treating water prior to recirculation or reuse by type of treatment											No treatment performed
			Total	Aeration	Coagulation	Filtration	Softening	Ion exchange	Corrosion control	pH	Settling	Flotation	Other	
3497	METAL FOIL AND LEAF. . . . .	7.1	5	1	1	1	-	-	4	2	-	-	1	5
3498	FABRICATED PIPE AND FITTINGS. . . . .	(0)	(0)	(0)	(0)	-	-	-	(0)	(0)	-	-	-	(0)
3499	FABRICATED METAL PRODUCTS, NEC. . . . .	2.0	7	2	-	2	2	1	6	4	1	-	1	14
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	300.1	171	30	10	25	66	25	116	80	16	3	19	300
351	ENGINES AND TURBINES. . . . .	99.6	17	-	1	3	6	5	14	10	1	1	4	20
3511	STEAM ENGINES AND TURBINES. . . . .	80.1	6	-	1	2	1	2	5	3	-	-	2	5
3519	INTERNAL COMBUSTION ENGINES, NEC. . . . .	19.5	11	-	-	1	5	3	9	7	1	1	2	15
3522	FARM MACHINERY. . . . .	30.3	15	5	2	4	9	3	10	6	2	-	2	22
353	CONSTRUCTION AND RELATED MACHINERY. . . . .	62.0	30	7	1	3	12	4	16	16	1	-	3	44
3531	CONSTRUCTION MACHINERY. . . . .	39.4	17	5	1	3	4	2	9	11	-	-	1	19
3532	MINING MACHINERY. . . . .	1.7	5	1	-	-	3	1	4	3	1	-	1	3
3533	OILFIELD MACHINERY. . . . .	19.2	4	-	-	-	3	-	2	-	-	-	1	7
3534	ELEVATORS AND MOVING STAIRWAYS. . . . .	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-	(0)
3535	CONVEYORS AND CONVEYING EQUIPMENT. . . . .	(0)	(0)	(0)	-	-	-	-	-	(0)	-	-	-	(0)
3536	HOISTS, CRANES, AND MONORAILS. . . . .	(0)	(0)	(0)	-	-	(0)	-	(0)	-	-	-	-	(0)
3537	INDUSTRIAL TRUCKS AND TRACTORS. . . . .	(0)	(0)	(0)	-	-	(0)	(0)	-	(0)	-	-	-	(0)
354	METALWORKING MACHINERY. . . . .	12.8	16	4	2	1	3	1	11	5	2	-	1	53
3541	MACHINE TOOLS, METAL-CUTTING TYPES. . . . .	3.6	4	2	-	-	-	-	2	1	2	-	-	21
3542	MACHINE TOOLS, METAL-FORMING TYPES. . . . .	(0)	(0)	(0)	-	-	-	-	(0)	-	-	-	-	(0)
3544	SPECIAL DIES, TOOLS, JIGS, FIXTURES. . . . .	(0)	(0)	(0)	-	-	(0)	(0)	(0)	-	-	-	-	(0)
3545	MACHINE TOOL ACCESSORIES. . . . .	(0)	(0)	(0)	(0)	(0)	(0)	-	(0)	(0)	-	-	(0)	(0)
3548	METALWORKING MACHINERY, NEC. . . . .	5.3	5	1	1	-	1	-	3	2	-	-	-	11
355	SPECIAL INDUSTRY MACHINERY. . . . .	8.4	9	2	-	1	1	1	7	5	-	-	1	30
3551	FOOD PRODUCTS MACHINERY. . . . .	-	-	-	-	-	-	-	-	-	-	-	-	4
3552	TEXTILE MACHINERY. . . . .	1.1	3	-	-	1	1	-	2	1	-	-	-	6
3553	WOODWORKING MACHINERY. . . . .	.4	-	-	-	-	-	-	-	-	-	-	-	4
3554	PAPER INDUSTRIES MACHINERY. . . . .	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-	(0)
3555	PRINTING TRADES MACHINERY. . . . .	(0)	(0)	(0)	-	-	-	-	-	(0)	-	-	-	(0)
3559	SPECIAL INDUSTRY MACHINERY, NEC. . . . .	6.7	5	2	-	-	-	1	5	3	-	-	1	10
356	GENERAL INDUSTRIAL MACHINERY. . . . .	33.5	32	3	1	7	9	4	25	13	5	-	4	64
3561	PUMPS AND COMPRESSORS. . . . .	5.3	9	-	1	4	1	3	7	6	5	-	1	23
3562	BALL AND ROLLER BEARINGS. . . . .	19.7	13	2	-	1	4	-	9	4	-	-	3	19
3564	BLOWERS AND FANS. . . . .	(0)	(0)	(0)	-	-	(0)	-	(0)	-	-	-	-	(0)
3566	POWER TRANSMISSION EQUIPMENT. . . . .	4.6	6	1	-	1	2	-	5	2	-	-	-	13
3567	INDUSTRIAL FURNACES AND OVENS. . . . .	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-	(0)
3569	GENERAL INDUSTRIAL MACHINERY, NEC. . . . .	3.3	3	-	-	1	1	1	3	1	-	-	-	4
357	OFFICE AND COMPUTING MACHINES. . . . .	30.4	15	1	1	1	7	4	13	10	2	-	-	28
3572	TYPEWRITERS. . . . .	2.9	4	1	1	-	2	2	4	3	-	-	-	4
3573	ELECTRONIC COMPUTING EQUIPMENT. . . . .	24.4	10	-	-	1	5	2	8	7	2	-	-	12
3574	CALCULATING AND ACCOUNTING MACHINES. . . . .	.6	-	-	-	-	-	-	-	-	-	-	-	6
3576	SCALES AND BALANCES. . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	(0)
3579	OFFICE MACHINES, NEC. . . . .	(0)	(0)	(0)	(0)	-	-	-	(0)	-	-	-	-	(0)
358	SERVICE INDUSTRY MACHINES. . . . .	14.0	22	4	2	2	12	2	15	8	3	2	4	28
3581	AUTOMATIC MERCHANDISING MACHINES. . . . .	(0)	(0)	(0)	-	-	-	-	(0)	(0)	-	(0)	-	(0)
3582	COMMERCIAL LAUNDRY EQUIPMENT. . . . .	(0)	(0)	(0)	-	-	(0)	-	(0)	-	-	-	-	(0)
3585	REFRIGERATION MACHINERY. . . . .	12.8	16	2	1	2	9	2	11	7	3	1	4	16
3586	MEASURING AND DISPENSING PUMPS. . . . .	.3	-	-	-	-	-	-	-	-	-	-	-	5
3589	SERVICE INDUSTRY MACHINES, NEC. . . . .	.2	3	1	1	-	2	-	2	-	-	-	-	3
3599	MISC. MACHINERY, EXCEPT ELECTRICAL. . . . .	9.0	15	-	-	3	7	1	5	7	-	-	-	11
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	339.8	221	31	9	26	74	45	145	114	24	4	26	341
361	ELECTRIC TEST, DISTRIBUTING EQUIP. . . . .	25.9	20	3	-	2	7	6	13	8	3	1	6	33
3611	ELECTRIC MEASURING INSTRUMENTS. . . . .	5.7	6	1	-	1	3	2	4	3	1	1	2	9
3612	TRANSFORMERS. . . . .	12.3	9	-	-	1	3	1	6	2	1	-	3	7
3613	SWITCHGEAR AND SWITCHBOARD APPARATUS. . . . .	7.9	5	2	-	-	1	3	3	3	1	-	1	17
362	ELECTRICAL INDUSTRIAL APPARATUS. . . . .	29.6	30	4	2	3	10	2	17	17	8	-	4	46
3621	MOTORS AND GENERATORS. . . . .	16.8	16	2	-	3	5	2	9	9	2	-	4	20
3622	INDUSTRIAL CONTROLS. . . . .	3.3	4	1	-	-	2	-	2	4	-	-	-	9
3623	WELDING APPARATUS. . . . .	(0)	(0)	(0)	-	-	-	-	(0)	(0)	-	-	-	(0)
3624	CARBON AND GRAPHITE PRODUCTS. . . . .	6.4	6	1	2	-	1	-	2	1	6	-	-	9
3629	ELECTRICAL INDUSTRIAL APPARATUS, NEC. . . . .	(0)	(0)	(0)	-	-	(0)	-	(0)	(0)	-	-	-	(0)
363	HOUSEHOLD APPLIANCES. . . . .	32.8	25	4	2	3	9	2	17	16	6	1	-	42
3631	HOUSEHOLD COOKING EQUIPMENT. . . . .	(0)	(0)	(0)	-	-	(0)	-	(0)	(0)	(0)	-	-	(0)
3632	HOUSEHOLD REFRIGERATORS AND FREEZERS. . . . .	17.5	3	1	-	-	1	-	2	1	1	-	-	6
3633	HOUSEHOLD LAUNDRY EQUIPMENT. . . . .	5.3	5	1	1	1	3	1	3	4	2	-	-	13
3634	ELECTRIC HOUSEWARES AND FANS. . . . .	3.9	9	-	-	-	2	-	6	6	-	-	-	13
3635	HOUSEHOLD VACUUM CLEANERS. . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	-	(0)
3636	SEWING MACHINES. . . . .	(0)	(0)	(0)	-	-	(0)	-	(0)	(0)	(0)	-	-	(0)
3639	HOUSEHOLD APPLIANCES, NEC. . . . .	(0)	(0)	(0)	-	(0)	(0)	-	(0)	(0)	(0)	-	-	(0)
364	ELECT. LIGHTING, AND WIRING EQUIP. . . . .	11.7	14	4	1	1	4	5	6	5	1	-	-	59
3641	ELECTRIC LAMPS. . . . .	3.1	7	3	1	-	2	4	3	2	-	-	-	14
3642	LIGHTING FIXTURES. . . . .	5.4	3	1	-	1	-	1	2	-	-	-	-	18
3643	CURRENT-CARRYING WIRING DEVICES. . . . .	2.0	4	-	-	-	2	-	1	3	1	-	-	14
3644	NONCURRENT-CARRYING WIRING DEVICES. . . . .	1.1	-	-	-	-	-	-	-	-	-	-	-	13
365	RADIO AND TV RECEIVING EQUIPMENT. . . . .	8.9	12	1	1	2	3	3	9	8	-	-	-	22
3651	RADIO AND TV RECEIVING SETS. . . . .	5.1	8	-	-	1	1	2	5	5	-	-	-	12
3652	PHONOGRAPH RECORDS. . . . .	3.9	4	1	1	1	2	1	4	3	-	-	-	10
366	COMMUNICATION EQUIPMENT. . . . .	127.6	48	4	1	2	16	10	37	31	1	-	9	40
3661	TELEPHONE AND TELEGRAPH APPARATUS. . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	-	(0)	(0)
3662	RADIO AND TV COMMUNICATION EQUIPMENT. . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	-	-	(0)	(0)
367	ELECTRONIC COMPONENTS, ACCESSORIES. . . . .	84.9	49	9	1	10	16	12	33	21	3	1	4	59

See footnotes at end of table.

TABLE 7. Gross Water Used and Number of Establishments Recirculating and Treating Water by Type of Treatment: 1968—Continued

## A. INDUSTRY GROUPS AND INDUSTRIES—Continued

Code	Industry group and industry	Gross water used, including recirculation or reuse (billion gallons)	Number of establishments treating water prior to recirculation or reuse by type of treatment											No treatment performed
			Total	Aeration	Coagulation	Filtration	Softening	Ion exchange	Corrosion control	pH	Settling	Flotation	Other	
3671	ELECTRON TUBES, RECEIVING TYPE . . .	5.9	4	2	-	-	-	1	3	3	-	-	-	5
3672	CATHODE RAY PICTURE TUBES . . . . .	5.5	7	1	-	2	2	2	6	2	-	-	-	-
3673	ELECTRON TUBES, TRANSMITTING . . . .	3.9	4	-	-	1	1	1	2	2	-	-	-	4
3674	SEMICONDUCTORS . . . . .	43.9	13	2	-	3	5	4	8	4	1	-	1	13
3679	ELECTRONIC COMPONENTS, NEC . . . . .	25.7	21	4	1	4	8	4	14	10	2	1	3	37
369	MISC. ELECTRICAL EQUIP., SUPPLIES . .	18.4	23	2	1	3	9	5	13	8	2	1	3	40
3691	STORAGE BATTERIES . . . . .	6.0	7	1	1	1	3	1	2	2	-	-	-	19
3692	PRIMARY BATTERIES, DRY AND WET . . .	.7	3	-	-	-	-	-	2	1	-	-	1	8
3693	X-RAY APPARATUS AND TUBES . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
3694	ENGINE ELECTRICAL EQUIPMENT . . . . .	6.7	10	-	-	1	4	3	6	4	2	1	2	7
3699	ELECTRICAL EQUIPMENT, NEC . . . . .	(D)	(D)	(D)	-	(D)	(D)	(D)	(D)	(D)	-	-	-	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	890.7	171	20	9	34	49	25	129	89	18	5	18	221
371	MOTOR VEHICLES AND EQUIPMENT . . . .	603.0	108	15	5	24	25	13	84	61	15	4	10	109
3711	MOTOR VEHICLES . . . . .	240.3	37	2	4	7	9	3	32	16	2	2	3	16
3712	PASSENGER CAR BODIES . . . . .	(D)	(D)	(D)	-	(D)	-	(D)	(D)	(D)	-	-	-	(D)
3713	TRUCK AND BUS BODIES . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	(D)
3714	MOTOR VEHICLE PARTS AND ACCESSORIES .	173.0	58	13	1	9	16	6	39	32	10	2	7	81
3715	TRUCK TRAILERS . . . . .	.3	-	-	-	-	-	-	-	-	-	-	-	3
372	AIRCRAFT AND PARTS . . . . .	255.6	48	5	1	8	18	11	35	23	3	-	8	66
3721	AIRCRAFT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	(D)	(D)
3722	AIRCRAFT ENGINES AND ENGINE PARTS . .	151.2	18	3	1	3	6	1	10	7	1	-	3	23
3723	AIRCRAFT PROPELLERS AND PARTS . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	(D)
3729	AIRCRAFT EQUIPMENT, NEC . . . . .	40.3	17	2	-	3	5	5	14	9	1	-	2	27
373	SHIP AND BOAT BUILDING, REPAIRING . .	18.6	6	-	-	-	2	1	4	4	-	-	-	26
3731	SHIP BUILDING AND REPAIRING . . . . .	18.6	6	-	-	-	2	1	4	4	-	-	-	26
374	RAILROAD EQUIPMENT . . . . .	11.7	6	-	2	1	3	-	4	1	-	-	-	14
3741	LOCOMOTIVES AND PARTS . . . . .	(D)	(D)	(D)	(D)	-	(D)	-	(D)	(D)	-	-	-	(D)
3742	RAILROAD AND STREET CARS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	-	(D)	-	-	-	-	(D)
3751	MOTORCYCLES, BICYCLES, AND PARTS . .	(D)	(D)	(D)	(D)	(D)	(D)	-	(D)	-	-	(D)	-	(D)
379	MISC. TRANSPORTATION EQUIPMENT . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	(D)
3799	TRANSPORTATION EQUIPMENT, NEC . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	(D)
38	INSTRUMENTS AND RELATED PRODUCTS . .	112.5	46	9	3	8	14	5	32	20	2	1	9	61
3811	ENGINEERING, SCIENTIFIC INSTRUMENTS .	2.9	3	1	-	-	1	-	3	1	-	-	-	5
382	MECHAN. MEASURING, CONTROL DEVICES .	5.3	11	2	-	1	3	-	6	3	1	1	3	21
3821	MECHANICAL MEASURING DEVICES . . . .	2.8	7	1	-	1	1	-	5	3	1	1	2	10
3822	AUTOMATIC TEMPERATURE CONTROLS . . .	2.4	4	1	-	-	2	-	1	-	-	-	1	11
3831	OPTICAL INSTRUMENTS AND LENSES . . . .	3.7	5	2	-	1	2	-	5	4	1	-	2	1
384	MEDICAL INSTRUMENTS AND SUPPLIES . .	3.5	7	2	-	1	3	1	3	4	-	-	1	13
3841	SURGICAL AND MEDICAL INSTRUMENTS . .	(D)	(D)	(D)	(D)	-	(D)	(D)	(D)	(D)	-	-	-	(D)
3842	SURGICAL APPLIANCES AND SUPPLIES . . .	2.8	5	1	-	1	2	-	2	3	-	-	1	8
3843	DENTAL EQUIPMENT AND SUPPLIES . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	(D)
3851	OPHTHALMIC GOODS . . . . .	10.4	3	1	-	1	1	-	1	1	-	-	-	4
3861	PHOTOGRAPHIC EQUIPMENT AND SUPPLIES .	85.7	13	1	3	4	3	3	10	4	-	-	3	13
387	WATCHES, CLOCKS, AND WATCHCASES . .	1.0	4	-	-	-	1	1	4	3	-	-	-	4
3871	WATCHES AND CLOCKS . . . . .	1.0	4	-	-	-	1	1	4	3	-	-	-	4
39	MISC. MANUFACTURING INDUSTRIES . . . .	15.9	24	3	1	3	4	1	15	14	1	-	2	73
391	JEWELRY, SILVERWARE, PLATED WARE . . .	1.6	3	-	-	-	-	-	3	3	-	-	-	12
3911	JEWELRY, PRECIOUS METAL . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	(D)
3912	JEWELERS' FINISHINGS AND MATERIALS . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	(D)
3914	SILVERWARE AND PLATED WARE . . . . .	1.4	3	-	-	-	-	-	3	3	-	-	-	6
3931	MUSICAL INSTRUMENTS AND PARTS . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	(D)
394	TOYS AND SPORTING GOODS . . . . .	4.2	9	3	-	1	-	1	7	4	1	-	1	15
3941	GAMES AND TOYS . . . . .	1.2	3	1	-	-	-	-	2	1	-	-	1	5
3943	CHILDREN'S VEHICLES, EXCEPT BICYCLES	(D)	(D)	(D)	(D)	-	-	-	(D)	-	-	-	-	(D)
3949	SPORTING AND ATHLETIC GOODS, NEC . . .	(D)	(D)	(D)	(D)	(D)	-	(D)	(D)	(D)	(D)	-	-	(D)
395	PENS, PENCILS, OFFICE, ART GOODS . . . .	(D)	(D)	(D)	(D)	-	(D)	-	-	(D)	-	-	-	(D)
3951	PENS AND MECHANICAL PENCILS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	(D)
3952	LEAD PENCILS AND ART GOODS . . . . .	(D)	(D)	(D)	(D)	-	(D)	-	-	(D)	-	-	-	(D)
3955	CARBON PAPER AND INKED RIBBONS . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	(D)
396	COSTUME JEWELRY AND NOTIONS . . . . .	1.4	4	-	1	-	-	-	2	2	-	-	1	15
3961	COSTUME JEWELRY . . . . .	.3	-	-	-	-	-	-	-	-	-	-	-	6
3962	ARTIFICIAL FLOWERS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	(D)
3963	BUTTONS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	(D)
3964	NEEDLES, PINS, AND FASTENERS . . . . .	1.1	4	-	1	-	-	-	2	2	-	-	1	7
399	MISCELLANEOUS MANUFACTURES . . . . .	8.3	7	-	-	2	3	-	3	4	-	-	-	15
3993	SIGNS AND ADVERTISING DISPLAYS . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	(D)
3994	MORTICIANS' GOODS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	(D)
3996	HARD SURFACE FLOOR COVERINGS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	-	(D)	(D)	-	-	-	(D)
3999	MANUFACTURES, NEC . . . . .	3.9	4	-	-	1	2	-	2	3	-	-	-	12

Note: Detailed figures may not add to totals because of independent rounding. The figures shown for industry groups include data for all component industries whether or not separate figures are shown for the individual industries in the group.

Standard notes: - Represents zero. (D) Withheld to avoid disclosing figures of individual companies.



TABLE 7. Gross Water Used and Number of Establishments Recirculating and Treating Water by Type of Treatment: 1968

## B. WATER USE REGIONS AND MAJOR INDUSTRY GROUPS

Code	Water use region and major industry group	Gross water used, including recirculation or reuse (billion gallons)	Number of establishments treating water prior to recirculation or reuse by type of treatment											No treatment performed
			Total	Aeration	Coagulation	Filtration	Softening	Ion exchange	Corrosion control	pH	Settling	Flotation	Other	
	UNITED STATES, TOTAL . . . . .	33 405.1	3 240	416	212	597	825	333	1 950	1 458	443	117	476	6 162
	NEW ENGLAND . . . . .	880.7	193	25	6	44	41	11	109	65	11	8	33	503
20	FOOD AND KINDRED PRODUCTS . . . . .	22.1	11	1	-	1	-	-	5	-	-	-	3	57
22	TEXTILE MILL PRODUCTS . . . . .	15.5	14	1	-	4	2	-	7	4	-	-	2	80
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	490.1	35	2	2	22	6	3	10	4	3	5	7	55
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	69.5	18	1	-	4	3	1	13	7	-	-	2	24
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	(D)	-	-	(D)	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	27.5	17	2	1	4	4	1	15	7	4	3	2	33
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	4.3	5	-	-	-	-	-	2	2	1	-	1	15
33	PRIMARY METAL INDUSTRIES . . . . .	37.1	22	1	-	1	4	1	12	4	1	-	4	44
34	FABRICATED METAL PRODUCTS . . . . .	10.2	7	1	-	1	3	1	4	2	-	-	1	41
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	40.1	15	3	1	1	-	1	13	6	1	-	2	34
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	18.2	20	4	-	1	11	3	8	9	1	-	3	32
37	TRANSPORTATION EQUIPMENT . . . . .	107.7	8	-	-	1	2	-	7	3	-	-	2	14
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	17.8	8	3	-	1	3	-	6	4	-	-	2	7
39	MISC. MANUFACTURING INDUSTRIES . . . . .	4.9	8	2	1	2	-	-	5	7	-	-	-	26
	DELAWARE AND HUDSON . . . . .	2 150.5	304	31	17	52	79	32	190	124	36	9	41	672
20	FOOD AND KINDRED PRODUCTS . . . . .	96.9	45	4	2	7	12	3	35	18	1	1	9	129
21	TOBACCO MANUFACTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
22	TEXTILE MILL PRODUCTS . . . . .	3.5	4	-	-	1	-	-	2	1	-	-	1	51
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	304.5	34	1	7	18	7	1	5	9	6	4	4	40
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	427.7	64	8	3	4	11	6	50	33	4	7	7	128
29	PETROLEUM AND COAL PRODUCTS . . . . .	670.4	9	1	1	2	1	2	6	4	1	1	1	43
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	17.6	10	-	-	1	2	2	4	2	-	-	-	10
31	LEATHER AND LEATHER PRODUCTS . . . . .	4	1	-	-	1	-	-	4	2	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	32.2	16	1	-	-	8	-	8	7	2	1	3	44
33	PRIMARY METAL INDUSTRIES . . . . .	401.3	33	8	3	5	10	3	17	11	14	1	6	60
34	FABRICATED METAL PRODUCTS . . . . .	4.9	14	-	-	4	3	1	11	4	3	-	1	27
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	67.6	10	2	-	2	3	2	7	3	-	-	1	32
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	47.1	31	4	1	5	12	7	18	11	1	1	3	56
37	TRANSPORTATION EQUIPMENT . . . . .	69.1	17	-	-	-	5	4	12	10	1	-	1	12
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	3.4	6	-	-	1	2	2	6	3	-	-	-	11
39	MISC. MANUFACTURING INDUSTRIES . . . . .	2.0	4	-	-	1	2	-	1	1	-	-	1	13
	CHESAPEAKE BAY . . . . .	1 236.7	158	23	4	24	38	9	90	61	18	8	18	297
20	FOOD AND KINDRED PRODUCTS . . . . .	27.4	26	1	-	5	5	1	17	11	3	-	5	95
21	TOBACCO MANUFACTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
22	TEXTILE MILL PRODUCTS . . . . .	4.3	6	1	1	-	2	-	4	4	1	-	-	19
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	-	-	-	-	-	(D)	-	(D)	-	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	334.8	15	1	3	8	2	-	5	2	3	4	1	8
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	366.1	23	6	-	3	6	1	13	8	-	-	2	28
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-	-	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	11.2	8	1	-	-	1	-	5	-	-	-	-	9
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	-	-	(D)	-	-	-	-	-	-	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	10.8	12	-	-	1	5	2	6	3	2	3	5	30
33	PRIMARY METAL INDUSTRIES . . . . .	402.0	20	6	-	2	3	-	9	7	-	3	5	14
34	FABRICATED METAL PRODUCTS . . . . .	2.8	4	1	-	1	2	-	2	-	-	-	1	22
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	9.4	7	2	-	1	2	1	6	1	-	-	-	11
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	15.1	15	3	-	1	4	1	11	11	2	-	1	16
37	TRANSPORTATION EQUIPMENT . . . . .	34.3	8	-	-	1	3	2	5	2	-	-	-	10
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	EASTERN GREAT LAKES-ST. LAWRENCE . . . . .	2 493.7	315	39	21	68	89	38	182	139	54	10	44	552
20	FOOD AND KINDRED PRODUCTS . . . . .	39.9	36	5	3	6	10	6	17	19	4	-	6	110
22	TEXTILE MILL PRODUCTS . . . . .	8.4	3	1	1	1	2	-	1	1	1	1	-	4
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	-	-	-	-	-	(D)	-	-	-	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	161.6	24	-	4	9	6	1	5	6	4	5	3	17
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	403.4	36	6	2	7	9	3	24	20	4	-	4	68
29	PETROLEUM AND COAL PRODUCTS . . . . .	248.1	8	-	3	3	2	3	4	5	2	-	2	6
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	69.7	11	3	-	1	5	-	9	3	1	-	1	28
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	-	(D)	-	-	-	-	-	-	-	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	41.5	20	1	-	4	3	3	9	5	7	-	3	35
33	PRIMARY METAL INDUSTRIES . . . . .	1 103.2	44	6	3	9	11	3	22	14	7	1	8	68
34	FABRICATED METAL PRODUCTS . . . . .	42.0	21	-	-	5	6	4	13	12	6	1	2	73
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	18.7	21	3	1	2	12	3	16	11	3	-	3	38
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	29.6	27	3	-	2	8	4	19	12	1	1	3	34
37	TRANSPORTATION EQUIPMENT . . . . .	257.8	48	8	2	14	13	7	31	24	10	1	7	49
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	67.4	10	2	2	3	2	1	9	4	2	-	2	6
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OHIO RIVER . . . . .	3 802.0	404	67	31	69	124	48	279	192	65	13	34	651
20	FOOD AND KINDRED PRODUCTS . . . . .	64.8	43	6	-	5	17	6	25	19	3	2	3	122
21	TOBACCO MANUFACTURES . . . . .	4.4	4	-	-	-	-	1	4	2	-	-	-	1
22	TEXTILE MILL PRODUCTS . . . . .	1.3	3	-	-	-	-	-	2	3	-	-	-	6
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	-	-	(D)	-	(D)	(D)	-	-	-	(D)
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-	-	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	178.5	3	1	10	9	6	9	9	4	4	2	4	25
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	1 044.4	65	6	4	9	10	4	51	40	5	-	5	58
29	PETROLEUM AND COAL PRODUCTS . . . . .	242.9	15	2	1	1	4	1	12	6	-	-	3	12
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	20.3	20	2	1	4	7	2	14	7	-	-	5	27
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	-	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	48.9	27	5	-	3	6	1	19	11	4	2	4	56
33	PRIMARY METAL INDUSTRIES . . . . .	2 010.0	74	18	11	13	21	6	51	38	27	5	3	111
34	FABRICATED METAL PRODUCTS . . . . .	27.2	23	3	2	5	7	5	19	14	2	-	2	78
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	32.9	26	3	4	8	13	3	18	12	3	-	-	42
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	60.0	42	9	5	5	18	9	29	20	14	2	3	49
37	TRANSPORTATION EQUIPMENT . . . . .	54.2	20	4	1	4	7	3	17	12	3	-	1	33
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	1.7	4	2	1	1	2	-	2	-	-	-	1	6
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	-	(D)

See footnotes at end of table.



TABLE 7. Gross Water Used and Number of Establishments Recirculating and Treating Water by Type of Treatment: 1968—Continued

## B. WATER USE REGIONS AND MAJOR INDUSTRY GROUPS—Continued

Code	Water use region and major industry group	Gross water used, including recirculation or reuse (billion gallons)	Number of establishments treating water prior to recirculation or reuse by type of treatment											No treatment performed
			Total	Aeration	Coagulation	Filtration	Softening	Ion exchange	Corrosion control	pH	Settling	Flotation	Other	
20	TENNESSEE . . . . .	793.1	68	11	5	13	16	9	45	34	11	1	9	145
22	FOOD AND KINDRED PRODUCTS . . . . .	57.7	8	—	—	—	4	1	5	4	—	—	1	24
24	TEXTILE MILL PRODUCTS . . . . .	7.9	12	2	—	1	5	—	9	4	—	—	—	33
25	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	PAPER AND ALLIED PRODUCTS . . . . .	243.8	3	—	—	2	—	—	—	2	1	—	—	7
30	CHEMICALS AND ALLIED PRODUCTS . . . . .	434.5	18	3	4	5	3	2	13	9	6	1	3	21
31	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34	PRIMARY METAL INDUSTRIES . . . . .	67.5	10	3	1	3	2	3	6	5	3	—	2	9
35	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	MACHINERY, EXCEPT ELECTRICAL . . . . .	.7	—	—	—	—	—	—	—	—	—	—	—	8
37	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	2.9	6	—	—	1	—	3	4	4	—	—	—	7
38	TRANSPORTATION EQUIPMENT . . . . .	1.1	1	—	—	—	—	—	—	1	—	—	—	3
39	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	SOUTHEAST . . . . .	3 629.5	338	44	20	40	53	22	217	167	45	8	53	737
22	FOOD AND KINDRED PRODUCTS . . . . .	83.1	29	3	—	2	7	—	17	13	1	—	5	186
24	TOBACCO MANUFACTURES . . . . .	67.0	9	1	—	—	—	—	8	7	—	—	3	3
25	TEXTILE MILL PRODUCTS . . . . .	218.4	127	11	10	12	23	4	89	67	11	—	18	279
26	LUMBER AND WOOD PRODUCTS . . . . .	5.3	4	1	—	—	—	—	3	1	—	—	1	18
28	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
29	PAPER AND ALLIED PRODUCTS . . . . .	1 806.6	29	3	5	14	1	3	9	6	2	3	34	(D)
30	CHEMICALS AND ALLIED PRODUCTS . . . . .	804.3	54	13	1	2	6	6	41	33	8	1	10	52
31	PETROLEUM AND COAL PRODUCTS . . . . .	140.6	4	1	—	1	—	—	2	2	—	—	—	5
32	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34	STONE, CLAY, AND GLASS PRODUCTS . . . . .	61.7	22	4	—	3	2	—	10	9	11	2	4	47
35	PRIMARY METAL INDUSTRIES . . . . .	341.2	18	3	2	2	3	1	7	6	7	3	4	22
36	FABRICATED METAL PRODUCTS . . . . .	4.7	5	—	—	2	1	—	3	2	—	—	—	18
37	MACHINERY, EXCEPT ELECTRICAL . . . . .	13.3	5	1	—	—	1	—	3	3	—	—	—	10
38	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	22.0	16	1	1	2	4	6	12	8	—	—	4	29
39	TRANSPORTATION EQUIPMENT . . . . .	43.9	6	—	—	—	1	—	6	3	—	—	—	10
39	INSTRUMENTS AND RELATED PRODUCTS . . . . .	1.3	3	—	—	—	—	—	3	3	—	—	—	3
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	WESTERN GREAT LAKES . . . . .	2 766.9	321	41	24	78	96	44	154	125	60	21	49	674
22	FOOD AND KINDRED PRODUCTS . . . . .	90.2	58	5	4	5	18	3	25	22	11	3	10	142
24	TOBACCO MANUFACTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
25	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	FURNITURE AND FIXTURES . . . . .	1.0	3	—	—	1	—	—	3	3	1	—	—	9
29	PAPER AND ALLIED PRODUCTS . . . . .	307.7	45	4	4	26	11	4	12	11	7	10	3	37
30	CHEMICALS AND ALLIED PRODUCTS . . . . .	302.3	34	5	1	6	9	6	25	14	4	1	4	50
31	PETROLEUM AND COAL PRODUCTS . . . . .	350.6	11	1	—	4	2	4	7	6	2	1	4	12
32	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	10.0	7	2	1	3	6	2	1	4	—	—	—	24
33	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34	STONE, CLAY, AND GLASS PRODUCTS . . . . .	29.2	11	—	1	2	1	—	4	4	5	—	1	28
35	PRIMARY METAL INDUSTRIES . . . . .	1 440.0	39	6	8	8	11	7	14	9	18	2	6	93
36	FABRICATED METAL PRODUCTS . . . . .	36.9	27	2	—	5	8	3	15	12	1	—	4	87
37	MACHINERY, EXCEPT ELECTRICAL . . . . .	31.2	38	9	3	6	15	7	20	15	4	1	8	60
38	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	45.6	19	3	—	2	3	5	11	11	5	—	4	40
39	TRANSPORTATION EQUIPMENT . . . . .	91.0	21	3	1	7	8	1	15	11	2	2	3	39
39	INSTRUMENTS AND RELATED PRODUCTS . . . . .	2.4	4	1	—	1	1	1	1	2	—	1	1	7
39	MISC. MANUFACTURING INDUSTRIES . . . . .	.5	—	—	—	—	—	—	—	—	—	—	—	9
20	UPPER MISSISSIPPI . . . . .	1 448.1	228	26	23	41	73	30	121	95	23	15	44	509
22	FOOD AND KINDRED PRODUCTS . . . . .	195.5	67	7	3	9	22	10	33	25	5	4	14	230
24	TOBACCO MANUFACTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
25	TEXTILE MILL PRODUCTS . . . . .	.7	—	—	—	—	—	—	—	—	—	—	—	4
26	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
29	PAPER AND ALLIED PRODUCTS . . . . .	287.5	27	1	10	12	6	3	19	17	3	8	5	22
30	CHEMICALS AND ALLIED PRODUCTS . . . . .	203.7	25	4	2	5	4	2	6	4	1	—	4	28
31	PETROLEUM AND COAL PRODUCTS . . . . .	321.1	7	2	—	2	2	—	5	4	1	—	2	9
32	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	12.6	(D)	—	—	—	—	—	(D)	(D)	—	—	—	(D)
33	LEATHER AND LEATHER PRODUCTS . . . . .	44.8	10	2	—	1	7	—	(D)	(D)	—	—	2	26
34	STONE, CLAY, AND GLASS PRODUCTS . . . . .	220.1	15	2	4	3	6	1	8	6	6	1	4	31
35	PRIMARY METAL INDUSTRIES . . . . .	10.1	12	1	—	1	2	3	7	4	2	—	3	41
36	FABRICATED METAL PRODUCTS . . . . .	53.0	27	4	1	2	11	6	16	15	4	1	2	43
37	MACHINERY, EXCEPT ELECTRICAL . . . . .	7.8	10	1	1	1	6	1	5	5	—	—	2	35
38	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	73.6	11	1	2	3	1	3	9	5	1	1	—	8
39	TRANSPORTATION EQUIPMENT . . . . .	1.7	3	—	—	—	1	—	1	1	—	—	2	9
39	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	LOWER MISSISSIPPI . . . . .	1 569.5	80	14	4	16	18	11	52	35	8	—	8	155
22	FOOD AND KINDRED PRODUCTS . . . . .	56.2	15	4	—	1	5	1	7	2	1	—	2	67
24	TOBACCO MANUFACTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
25	TEXTILE MILL PRODUCTS . . . . .	4.2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
29	PAPER AND ALLIED PRODUCTS . . . . .	159.4	8	—	—	6	2	—	2	4	2	—	1	6
30	CHEMICALS AND ALLIED PRODUCTS . . . . .	792.8	35	5	4	7	6	6	29	22	2	—	3	19
31	PETROLEUM AND COAL PRODUCTS . . . . .	359.4	5	1	—	1	—	1	2	2	1	—	1	7
32	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	10.0	5	—	—	—	3	—	5	1	—	—	—	3
33	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34	STONE, CLAY, AND GLASS PRODUCTS . . . . .	1.5	3	1	—	—	—	—	(D)	(D)	2	—	—	8
35	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
38	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	MISSOURI . . . . .	552.3	104	14	8	16	33	10	55	58	16	4	11	177
22	FOOD AND KINDRED PRODUCTS . . . . .	89.9	51	6	2	5	19	4	21	29	15	1	2	108
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 7. Gross Water Used and Number of Establishments Recirculating and Treating Water by Type of Treatment: 1968—Continued

## B. WATER USE REGIONS AND MAJOR INDUSTRY GROUPS—Continued

Code	Water use region and major industry group	Gross water used, including recirculation or reuse (billion gallons)	Number of establishments treating water prior to recirculation or reuse by type of treatment											No treatment performed
			Total	Aeration	Coagulation	Filtration	Softening	Ion exchange	Corrosion control	pH	Settling	Flotation	Other	
26	MISSOURI													
28	PAPER AND ALLIED PRODUCTS. . . . .	46.1	3	-	2	2	-	-	-	-	-	1	-	4
29	CHEMICALS AND ALLIED PRODUCTS. . . . .	95.3	16	2	2	4	4	3	11	12	1	-	2	11
30	PETROLEUM AND COAL PRODUCTS. . . . .	199.4	13	4	-	3	2	1	9	6	-	-	5	6
31	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	LEATHER AND LEATHER PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	STONE, CLAY, AND GLASS PRODUCTS. . . . .	4.0	3	-	-	-	1	-	2	1	-	-	-	13
34	PRIMARY METAL INDUSTRIES. . . . .	25.7	3	1	-	-	-	-	2	3	-	-	-	8
35	FABRICATED METAL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	MACHINERY, EXCEPT ELECTRICAL. . . . .	(D)	(D)	(D)	-	-	(D)	(D)	(D)	(D)	-	(D)	-	(D)
37	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	28.1	3	1	-	1	2	-	2	2	-	-	-	7
39	TRANSPORTATION EQUIPMENT. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MISC. MANUFACTURING INDUSTRIES. . . . .	(D)	(D)	(D)	-	-	-	-	1	1	-	-	-	-
20	ARKANSAS, WHITE AND RED. . . . .	1 627.9	119	16	5	27	26	9	84	62	13	2	18	207
22	FOOD AND KINDRED PRODUCTS. . . . .	23.2	22	5	-	3	4	-	10	5	4	1	4	101
24	TEXTILE MILL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	LUMBER AND WOOD PRODUCTS. . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-	-	(D)
28	PAPER AND ALLIED PRODUCTS. . . . .	412.8	12	1	1	6	2	-	7	2	-	-	1	9
29	CHEMICALS AND ALLIED PRODUCTS. . . . .	329.0	18	1	-	2	3	1	13	11	-	-	3	24
30	PETROLEUM AND COAL PRODUCTS. . . . .	721.0	28	2	2	10	7	3	27	24	3	1	8	7
31	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	5.1	3	2	-	-	1	-	2	3	1	-	-	4
32	LEATHER AND LEATHER PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	STONE, CLAY, AND GLASS PRODUCTS. . . . .	6.9	9	3	-	1	2	1	3	3	2	-	1	17
34	PRIMARY METAL INDUSTRIES. . . . .	107.7	6	-	2	2	1	2	4	3	2	-	1	3
35	FABRICATED METAL PRODUCTS. . . . .	(D)	(D)	(D)	-	-	(D)	-	(D)	-	(D)	-	-	(D)
36	MACHINERY, EXCEPT ELECTRICAL. . . . .	1.5	5	1	-	-	4	-	4	4	-	-	-	2
37	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	2.3	4	1	-	-	-	-	4	2	-	-	-	4
39	TRANSPORTATION EQUIPMENT. . . . .	(D)	(D)	(D)	-	(D)	(D)	(D)	(D)	(D)	-	-	-	(D)
	INSTRUMENTS AND RELATED PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MISC. MANUFACTURING INDUSTRIES. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	WESTERN GULF. . . . .	6 750.7	199	28	16	42	51	21	143	125	28	3	38	186
22	FOOD AND KINDRED PRODUCTS. . . . .	59.0	25	8	1	1	13	2	13	11	-	-	3	84
24	TEXTILE MILL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	LUMBER AND WOOD PRODUCTS. . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-	-	(D)
28	PAPER AND ALLIED PRODUCTS. . . . .	380.2	8	-	2	3	3	2	2	4	2	2	2	1
29	CHEMICALS AND ALLIED PRODUCTS. . . . .	2 691.8	81	11	8	18	14	8	62	51	12	-	14	35
30	PETROLEUM AND COAL PRODUCTS. . . . .	3 107.2	40	4	4	15	10	4	35	35	3	1	11	4
31	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	9.5	9	-	1	1	-	-	4	3	3	-	-	24
33	PRIMARY METAL INDUSTRIES. . . . .	421.2	13	1	-	3	2	2	8	7	6	-	1	5
34	FABRICATED METAL PRODUCTS. . . . .	(D)	(D)	(D)	-	-	(D)	-	(D)	(D)	(D)	-	-	(D)
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	20.7	5	1	-	-	2	-	3	-	-	-	3	3
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT. . . . .	40.3	6	1	-	1	2	1	5	4	1	-	2	8
	COLORADO BASIN. . . . .	142.5	20	3	1	-	8	2	14	11	2	-	-	26
22	FOOD AND KINDRED PRODUCTS. . . . .	6.1	4	-	-	-	3	-	2	1	-	-	-	3
24	LUMBER AND WOOD PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	23.8	3	-	-	-	-	-	2	3	-	-	-	5
29	PETROLEUM AND COAL PRODUCTS. . . . .	(D)	(D)	(D)	-	-	-	-	1	2	1	-	-	-
30	STONE, CLAY, AND GLASS PRODUCTS. . . . .	(D)	(D)	(D)	-	-	-	-	1	-	-	-	-	3
31	PRIMARY METAL INDUSTRIES. . . . .	73.2	6	1	1	3	1	1	5	3	1	-	-	4
32	FABRICATED METAL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	MACHINERY, EXCEPT ELECTRICAL. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	TRANSPORTATION EQUIPMENT. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	INSTRUMENTS AND RELATED PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	GREAT BASIN. . . . .	192.4	16	1	-	1	4	1	9	6	1	-	2	24
22	FOOD AND KINDRED PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
24	LUMBER AND WOOD PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	CHEMICALS AND ALLIED PRODUCTS. . . . .	4.0	-	-	-	-	-	-	-	-	-	-	-	2
29	PETROLEUM AND COAL PRODUCTS. . . . .	(D)	(D)	(D)	-	(D)	-	-	(D)	(D)	-	-	-	(D)
30	STONE, CLAY, AND GLASS PRODUCTS. . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-	-	(D)
31	PRIMARY METAL INDUSTRIES. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	FABRICATED METAL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	MACHINERY, EXCEPT ELECTRICAL. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	TRANSPORTATION EQUIPMENT. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	INSTRUMENTS AND RELATED PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	CALIFORNIA. . . . .	1 449.9	237	22	12	42	54	25	148	114	32	6	36	349
22	FOOD AND KINDRED PRODUCTS. . . . .	100.4	69	5	2	4	13	-	37	26	3	1	22	171
24	TEXTILE MILL PRODUCTS. . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-	-	(D)
26	LUMBER AND WOOD PRODUCTS. . . . .	27.1	4	1	2	3	2	1	1	1	2	-	-	17
28	PAPER AND ALLIED PRODUCTS. . . . .	167.2	13	2	2	7	3	-	2	1	3	3	1	16
29	CHEMICALS AND ALLIED PRODUCTS. . . . .	158.4	28	3	-	-	5	1	25	18	4	-	3	26
30	PETROLEUM AND COAL PRODUCTS. . . . .	667.4	18	2	2	5	1	4	14	12	4	-	-	7
31	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	10.4	6	-	-	1	2	-	5	1	-	-	-	3
32	LEATHER AND LEATHER PRODUCTS. . . . .	(D)	(D)	(D)	-	-	(D)	-	(D)	(D)	-	-	-	(D)
33	STONE, CLAY, AND GLASS PRODUCTS. . . . .	35.1	23	1	-	5	1	2	12	6	5	1	3	25
34	PRIMARY METAL INDUSTRIES. . . . .	166.5	16	3	1	4	8	4	9	7	7	-	2	11
35	FABRICATED METAL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	MACHINERY, EXCEPT ELECTRICAL. . . . .	6.2	8	-	-	3	2	1	7	6	1	-	1	15
37	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	30.3	15	1	1	4	2	3	11	10	-	-	2	18
39	TRANSPORTATION EQUIPMENT. . . . .	61.9	14	2	1	1	3	2	12	7	-	-	1	12
39	INSTRUMENTS AND RELATED PRODUCTS. . . . .	1.1	3	-	-	-	2	1	2	1	-	-	-	5
	MISC. MANUFACTURING INDUSTRIES. . . . .	(D)	(D)	(D)	-	-	(D)	-	-	(D)	-	-	-	(D)
20	PACIFIC NORTHWEST. . . . .	1 610.5	115	9	13	22	16	7	46	39	16	9	34	245
22	FOOD AND KINDRED PRODUCTS. . . . .	72.3	34	5	-	4	3	2	10	5	3	1	18	112
24	TEXTILE MILL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	LUMBER AND WOOD PRODUCTS. . . . .	106.7	22	1	5	2	5	1	15	10	1	-	1	51
28	PAPER AND ALLIED PRODUCTS. . . . .	1 052.1	30	1	7	14	3	3	7	8	5	8	7	19
29	CHEMICALS AND ALLIED PRODUCTS. . . . .	146.9	10	1	-	-	-	-	5	5	2	-	4	14
30	PETROLEUM AND COAL PRODUCTS. . . . .	71.1	5	-	-	1	2	-	4	4	-	-	1	2
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
See footnotes at end of table.														

See footnotes at end of table.



TABLE 7. Gross Water Used and Number of Establishments Recirculating and Treating Water by Type of Treatment: 1968—Continued

## B. WATER USE REGIONS AND MAJOR INDUSTRY GROUPS—Continued

Code	Water use region and major industry group	Gross water used, including recirculation of reuse (billion gallons)	Number of establishments treating water prior to recirculation or reuse by type of treatment											No treatment performed
			Total	Aeration	Coagulation	Filtration	Softening	Ion exchange	Corrosion control	pH	Settling	Flotation	Other	
31	PACIFIC NORTHWEST . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34	PRIMARY METAL INDUSTRIES . . . . .	144.9	8	1	1	1	1	1	1	4	4	4	2	19
35	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	CUMBERLAND . . . . .	58.6	12	-	2	2	5	2	9	4	2	-	1	22
22	FOOD AND KINDRED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	(D)	-	-	-	-	-	-	(D)
26	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
28	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
35	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	-	-	(D)	-	(D)	(D)	-	-	-	(D)
20	ALASKA . . . . .	113.5	2	-	-	-	-	1	1	-	-	-	1	10
26	FOOD AND KINDRED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
29	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	HAWAII . . . . .	146.1	7	2	-	-	1	1	2	2	2	-	2	21
29	FOOD AND KINDRED PRODUCTS . . . . .	130.3	5	2	-	-	1	-	1	1	2	-	2	21
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

Note: Detailed figures may not add to totals because of independent rounding. The figures shown for industry groups include data for all component industries whether or not separate figures are shown for the individual industries in the group.

Standard notes: - Represents zero. (D) Withheld to avoid disclosing figures of individual companies.



TABLE 7. Gross Water Used and Number of Establishments Recirculating and Treating Water by Type of Treatment: 1968

## C. STATES AND MAJOR INDUSTRY GROUPS

Code	State and major industry group	Gross water used, including recirculation or reuse (billion gallons)	Number of establishments treating water prior to recirculation or reuse by type of treatment											No treatment performed
			Total	Aeration	Coagulation	Filtration	Softening	Ion exchange	Corrosion control	pH	Settling	Flotation	Other	
	UNITED STATES, TOTAL . . . . .	33 405.1	3 240	416	212	597	825	333	1 950	1 458	443	117	476	6 162
	NEW ENGLAND DIVISION . . . . .	890.3	197	25	6	44	41	11	110	65	14	8	34	514
	MAINE . . . . .	286.9	18	2	1	7	1	1	9	7	1	2	4	47
20	FOOD AND KINDRED PRODUCTS . . . . .	3.5	4	1	-	-	-	-	1	1	-	-	2	13
22	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	-	(D)
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	281.7	10	-	1	6	1	1	4	4	-	2	2	11
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	1
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	-	(D)	-	-	(D)	(D)	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	7
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	1
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	1
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	1
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-	-	(D)
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
	NEW HAMPSHIRE . . . . .	100.3	14	2	-	4	3	-	7	3	1	1	3	43
20	FOOD AND KINDRED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
22	TEXTILE MILL PRODUCTS . . . . .	4.7	4	-	-	2	-	-	2	1	-	-	-	9
26	PAPER AND ALLIED PRODUCTS . . . . .	90.8	3	1	-	2	-	-	1	-	-	1	1	7
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-	-	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-	-	(D)
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-	-	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	1	-	-	-	-	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	-	-	-	-	-	1	-	-	-	-	(D)
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-	-	(D)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-	-	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	3.1	4	1	-	-	2	-	1	1	1	-	2	2
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-	-	1
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	-	-	-	(D)	-	(D)	(D)	-	-	-	-
	VERMONT . . . . .	16.5	4	-	-	-	-	-	1	-	3	-	1	18
20	FOOD AND KINDRED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	(D)	-	-	(D)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	(D)	-	-	(D)
	MASSACHUSETTS . . . . .	245.6	85	11	3	22	23	4	50	27	6	5	12	190
20	FOOD AND KINDRED PRODUCTS . . . . .	15.7	4	-	-	-	1	-	2	2	-	-	1	28
22	TEXTILE MILL PRODUCTS . . . . .	3.3	4	-	-	1	1	-	2	1	-	-	-	30
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	-	-	(D)	-	-	-	-	-	-	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	98.1	19	-	-	12	4	2	4	-	3	2	4	28
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	19.1	10	1	-	1	1	-	8	4	-	-	2	15
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	11.1	10	2	1	3	3	-	9	3	3	3	1	14
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
34	FABRICATED METAL PRODUCTS . . . . .	1.8	7	-	-	-	1	-	6	3	-	-	1	11
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	(D)	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	36.3	5	2	1	1	-	-	5	3	-	-	1	13
37	TRANSPORTATION EQUIPMENT . . . . .	12.2	12	2	-	1	7	2	5	5	-	-	-	11
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	(D)	-	(D)	(D)	-	-	-	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	17.1	4	1	-	1	2	-	3	1	-	-	-	2
	RHODE ISLAND . . . . .	1.9	3	2	-	1	-	-	2	3	-	-	-	5
20	FOOD AND KINDRED PRODUCTS . . . . .	23.3	22	4	-	5	6	3	8	6	1	-	4	56
22	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	-	(D)	-	-	(D)	(D)	-	-	-	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	5.0	5	-	-	2	2	1	2	2	-	-	-	1
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	1
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-	(D)	-
33	PRIMARY METAL INDUSTRIES . . . . .	3.5	7	1	-	-	3	1	-	-	1	-	2	6
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	-	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	-	(D)	-	-	-	-	-	-	-	(D)
	CONNECTICUT . . . . .	217.7	54	6	2	6	8	3	35	22	2	-	10	160
20	FOOD AND KINDRED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-	-	(D)
22	TEXTILE MILL PRODUCTS . . . . .	3.0	3	-	-	1	1	-	1	1	-	-	1	12
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	10.6	3	1	1	2	1	-	1	-	-	-	-	6
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	45.3	3	-	-	1	-	-	3	1	-	-	-	6
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	(D)	-	-	(D)	-
33	PRIMARY METAL INDUSTRIES . . . . .	13.3	4	-	-	-	-	-	3	2	-	-	1	16
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	(D)	-	-	(D)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	31.6	7	-	-	1	-	-	5	1	-	-	1	26
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	2.4	5	1	-	-	3	1	3	2	-	-	-	26
37	TRANSPORTATION EQUIPMENT . . . . .	3.4	9	-	-	-	-	1	7	3	1	-	1	12
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	2.3	4	1	-	-	2	1	2	3	-	-	1	13
39	MISC. MANUFACTURING INDUSTRIES . . . . .	97.0	5	-	-	1	1	-	4	1	-	-	2	8
	MIDDLE ATLANTIC DIVISION . . . . .	4 012.0	541	66	37	102	141	54	322	214	92	23	67	1 095
	NEW YORK . . . . .	930.6	181	13	11	34	45	26	106	70	21	5	24	359
20	FOOD AND KINDRED PRODUCTS . . . . .	48.2	34	2	2	2	9	7	24	15	-	-	5	101
21	TOBACCO MANUFACTURES . . . . .	(D)	(D)	(D)	-	(D)	-	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS . . . . .	2.8	2	-	-	-	1	-	1	-	-	-	-	14
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)

See footnotes at end of table.

TABLE 7. Gross Water Used and Number of Establishments Recirculating and Treating Water by Type of Treatment: 1968—Continued

## C. STATES AND MAJOR INDUSTRY GROUPS—Continued

Code	State and major industry group	Gross water used, including recirculation or reuse (billion gallons)	Number of establishments treating water prior to recirculation or reuse by type of treatment											No treatment performed
			Total	Aeration	Coagulation	Filtration	Softening	Ion exchange	Corrosion control	pH	Settling	Flotation	Other	
25	NEW YORK													
26	FURNITURE AND FIXTURES . . . . .	(D)	(D)	-	-	-	-	-	-	(D)	(D)	-	-	(D)
28	PAPER AND ALLIED PRODUCTS . . . . .	143.6	30	-	S	13	7	1	S	7	4	4	4	20
29	CHEMICALS AND ALLIED PRODUCTS . . . . .	179.5	16	1	1	2	1	1	11	7	2	-	2	40
30	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)	(D)
31	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(D)	(D)	-	-	-	-	-	(D)	(D)	-	-	-	(D)
32	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	-	-	-	(D)	-	(D)	(D)	-	-	-	(D)
33	STONE, CLAY, AND GLASS PRODUCTS . . . . .	4.9	7	-	-	-	2	1	3	3	1	-	1	27
34	PRIMARY METAL INDUSTRIES . . . . .	317.4	17	2	-	4	4	1	8	5	4	1	3	35
35	FABRICATED METAL PRODUCTS . . . . .	8.2	8	-	-	1	2	1	7	4	2	-	-	14
36	MACHINERY, EXCEPT ELECTRICAL . . . . .	63.5	14	2	1	1	7	4	11	6	3	-	1	18
37	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	29.5	21	3	-	S	6	4	15	11	1	-	1	31
38	TRANSPORTATION EQUIPMENT . . . . .	37.5	10	-	-	1	2	3	S	4	-	-	2	13
39	INSTRUMENTS AND RELATED PRODUCTS . . . . .	74.3	14	2	2	4	3	3	12	S	1	-	3	9
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	(D)	(D)
20	NEW JERSEY . . . . .	664.6	129	15	4	21	33	14	76	S8	13	S	19	289
22	FOOD AND KINDRED PRODUCTS . . . . .	33.9	13	1	1	2	1	-	8	7	-	1	5	38
28	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	-	-	(D)	-	-	-	-	-	-	-	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	141.5	12	1	-	8	1	-	2	3	1	3	2	13
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	232.8	40	6	2	2	9	S	29	21	1	-	5	80
29	PETROLEUM AND COAL PRODUCTS . . . . .	161.3	4	-	-	1	1	1	3	2	2	-	2	4
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	6.9	3	-	-	-	1	-	1	2	-	-	-	27
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-	-	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	11.0	9	-	-	-	4	-	7	S	1	1	1	17
33	PRIMARY METAL INDUSTRIES . . . . .	34.7	12	3	-	2	4	1	6	3	S	-	1	28
34	FABRICATED METAL PRODUCTS . . . . .	1.9	6	-	-	2	2	1	3	2	3	-	1	10
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	2.1	3	1	-	-	-	1	2	1	-	-	-	15
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	21.1	17	3	1	1	7	3	10	7	-	-	2	21
37	TRANSPORTATION EQUIPMENT . . . . .	14.8	S	-	-	-	1	2	3	2	-	-	-	4
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	-	(D)	(D)	-	(D)	(D)	-	-	-	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	-	(D)	(D)	-	(D)	(D)	-	-	-	(D)
20	PENNSYLVANIA . . . . .	2 416.8	231	38	22	47	63	14	140	86	48	13	24	447
22	FOOD AND KINDRED PRODUCTS . . . . .	36.4	25	3	1	6	6	3	20	9	3	-	3	79
28	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-	-	(D)
24	LUMBER AND WOOD PRODUCTS . . . . .	1.8	5	1	1	-	1	-	3	3	-	-	1	28
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-	-	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	200.0	23	1	7	10	6	1	S	6	9	(D)	2	19
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	181.1	27	4	1	3	6	1	19	11	3	-	1	38
29	PETROLEUM AND COAL PRODUCTS . . . . .	382.2	9	1	1	1	3	-	8	6	1	-	1	8
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	11.5	13	1	-	1	2	1	11	3	1	1	1	18
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	-	-	(D)	-	-	-	-	-	-	-	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	32.8	17	4	-	1	8	1	7	7	1	-	3	44
33	PRIMARY METAL INDUSTRIES . . . . .	1 472.5	48	14	8	14	12	4	24	17	18	6	7	68
34	FABRICATED METAL PRODUCTS . . . . .	8.4	12	1	-	2	3	-	12	6	1	-	-	38
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	28.5	14	2	1	6	4	1	11	S	1	-	1	26
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	24.7	20	4	2	3	5	2	9	6	9	1	3	39
37	TRANSPORTATION EQUIPMENT . . . . .	27.6	7	-	-	-	4	-	S	3	1	-	-	10
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	1.0	S	1	-	-	1	-	4	2	-	-	1	6
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	-	-	(D)	-	(D)	(D)	-	-	-	(D)
20	EAST NORTH CENTRAL DIVISION . . . . .	6 843.1	864	125	66	183	271	118	491	37S	136	43	122	1 676
20	OHIO . . . . .	1 822.4	263	40	20	S3	75	37	167	121	44	8	32	484
22	FOOD AND KINDRED PRODUCTS . . . . .	25.6	27	S	1	5	8	3	15	1S	3	-	4	73
28	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	-	-	-	(D)	-	-	-	-	-	-	(D)
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-	-	(D)
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-	-	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	166.1	21	2	1	9	6	4	5	2	3	2	3	20
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	240.7	40	6	2	8	11	2	29	26	S	-	3	49
29	PETROLEUM AND COAL PRODUCTS . . . . .	226.7	9	-	4	4	3	4	6	S	3	-	3	8
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	68.7	16	2	-	3	5	1	12	4	1	-	4	34
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	-	-	(D)	-	-	(D)	-	-	-	-	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	48.9	19	2	-	4	3	3	10	5	S	-	4	26
33	PRIMARY METAL INDUSTRIES . . . . .	910.4	48	11	5	6	9	4	33	23	13	3	4	65
34	FABRICATED METAL PRODUCTS . . . . .	31.9	18	-	1	5	6	4	11	7	3	1	2	63
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	11.5	13	3	2	2	7	1	10	7	1	-	-	33
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	25.8	20	3	2	2	10	6	14	9	2	1	2	28
37	TRANSPORTATION EQUIPMENT . . . . .	51.5	24	4	2	3	6	4	18	15	5	1	3	33
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	-	-	-	-	-	(D)	(D)	-	-	(D)
20	INDIANA . . . . .	1 545.0	122	23	10	22	52	19	76	58	13	6	12	225
22	FOOD AND KINDRED PRODUCTS . . . . .	37.3	14	-	1	1	6	1	8	6	1	1	2	42
28	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	-	-	-	(D)	-	(D)	(D)	-	-	-	(D)
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-	-	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	13.7	8	1	1	3	2	3	3	3	-	2	-	5
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	116.8	1	-	-	2	2	-	8	6	1	-	-	15
29	PETROLEUM AND COAL PRODUCTS . . . . .	219.3	6	1	-	2	2	3	3	3	1	-	2	3
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	6.7	2	1	-	1	4	1	3	2	-	-	-	11
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	13.2	8	-	-	1	8	2	12	11	6	1	6	32
33	PRIMARY METAL INDUSTRIES . . . . .	1 057.3	23	7	3	1	8	2	11	7	3	1	1	16
34	FABRICATED METAL PRODUCTS . . . . .	7.4	6	1	-	1	2	1	4	3	-	-	-	20
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	13.7	9	1	1	2	7	2	5	3	-	-	-	28
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	28.6	19	4	-	2	9	5	13	8	1	1	1	19
37	TRANSPORTATION EQUIPMENT . . . . .	27.7	11	3	2	5	5	3	7	8	3	-	-	23
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	-	(D)	-	-	-	-	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
20	ILLINOIS . . . . .	1 601.1	213	34	20	44	66	33	120	95	31	9	28	413
22	FOOD AND KINDRED PRODUCTS . . . . .	114.3	36	S	4	6	16	8	16	14	4	4	3	106
28	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-	-	(D)
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-	-	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	51.7	16	1	4	6	5	2	7	6	1	1	3	15
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	228.6	31	5	1	6	6	S	23	18	3	1	3	36

See footnotes at end of table.



TABLE 7. Gross Water Used and Number of Establishments Recirculating and Treating Water by Type of Treatment: 1968—Continued

## C. STATES AND MAJOR INDUSTRY GROUPS—Continued

Code	State and major industry group	Gross water used, including recirculation or reuse (billion gallons)	Number of establishments treating water prior to recirculation or reuse by type of treatment											No treatment performed
			Total	Aeration	Coagulation	Filtration	Softening	Ion exchange	Corrosion control	pH	Settling	Flotation	Other	
29	ILLINOIS													
29	PETROLEUM AND COAL PRODUCTS . . . . .	481.4	1D	2	-	3	2	1	7	7	2	1	5	11
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	10.2	11	2	1	3	6	1	5	4	-	-	2	9
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	40.0	13	1	-	3	4	-	6	6	3	-	-	19
33	PRIMARY METAL INDUSTRIES . . . . .	527.8	24	4	8	8	7	4	12	10	13	1	3	41
34	FABRICATED METAL PRODUCTS . . . . .	19.8	15	2	-	3	4	3	7	5	1	-	4	55
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	42.3	25	5	1	2	7	2	17	12	2	-	4	47
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	41.3	18	4	-	2	5	4	11	9	2	-	1	31
37	TRANSPORTATION EQUIPMENT . . . . .	16.0	8	2	-	2	3	1	7	3	-	1	-	6
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	2.6	3	-	-	-	1	1	-	1	-	-	-	10
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	-	(D)
20	MICHIGAN . . . . .	1 394.3	166	15	7	42	49	18	89	70	30	9	24	309
20	FOOD AND KINDRED PRODUCTS . . . . .	21.0	21	2	1	-	6	1	10	13	6	-	2	47
22	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)	(D)	-	(D)
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	(D)	(D)	(D)
25	FURNITURE AND FIXTURES . . . . .	.5	3	-	-	1	2	-	3	3	1	-	-	2
26	PAPER AND ALLIED PRODUCTS . . . . .	146.7	17	2	3	12	3	1	3	2	2	6	-	18
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	228.1	19	1	-	3	5	4	15	4	2	-	4	29
29	PETROLEUM AND COAL PRODUCTS . . . . .	107.1	3	-	-	1	-	1	2	2	-	-	1	5
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	-	-	(D)
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	20.9	6	-	1	-	2	-	2	2	3	-	1	15
33	PRIMARY METAL INDUSTRIES . . . . .	529.6	19	-	1	2	5	2	6	4	4	-	3	50
34	FABRICATED METAL PRODUCTS . . . . .	29.8	16	-	-	3	4	2	9	10	3	-	3	49
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	10.2	14	1	-	2	8	3	6	5	1	-	2	20
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	284.7	40	7	-	15	11	3	28	21	7	1	7	43
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	-	(D)	-	-	(D)	-	-	-	-	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	-	(D)
20	WISCONSIN . . . . .	480.3	100	13	9	22	29	11	39	31	18	11	26	275
20	FOOD AND KINDRED PRODUCTS . . . . .	44.6	33	2	-	1	11	2	14	9	2	1	11	97
22	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	342.8	29	2	6	14	5	4	4	5	7	5	19	19
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	19.4	3	1	1	1	1	1	1	2	1	-	-	7
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	(D)
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	-	-	-	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	8.4	6	2	-	-	2	-	3	-	4	1	-	26
34	FABRICATED METAL PRODUCTS . . . . .	5.1	4	-	-	-	2	1	2	1	-	-	1	31
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	14.3	14	4	2	3	6	3	9	7	3	1	5	28
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	6.6	4	-	-	-	-	-	3	4	3	-	3	19
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	-	(D)	-	-	(D)	(D)	-	-	-	(D)
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	-	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	(D)	(D)
20	WEST NORTH CENTRAL DIVISION . . . . .	1 153.7	229	27	18	34	70	25	137	114	17	11	34	457
20	MINNESOTA . . . . .	217.6	54	5	3	8	17	4	30	25	3	5	12	137
20	FOOD AND KINDRED PRODUCTS . . . . .	41.6	22	3	1	5	5	1	10	9	2	1	6	86
22	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	-	(D)	1	-	(D)	-	-	-	-	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	108.9	7	-	1	3	2	-	2	1	4	-	-	6
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	7.0	4	1	1	-	-	-	4	3	-	-	1	1
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-	(D)	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-	-	(D)
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	-	(D)	-	-	(D)	(D)	-	-	-	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	-	-	(D)	-	(D)	(D)	-	-	(D)	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	-	-	(D)	-	-	-	-	-	-	(D)
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-	-	(D)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	1.9	5	-	-	-	3	2	4	4	1	-	-	9
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	-	(D)	-	-	-	-	-	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	-	(D)
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
20	IOWA . . . . .	172.9	45	6	2	7	18	7	24	20	3	1	6	92
20	FOOD AND KINDRED PRODUCTS . . . . .	67.8	21	3	-	2	9	4	11	8	1	1	2	52
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	(D)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	38.5	4	1	1	2	1	-	4	4	1	-	1	6
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	-	-	(D)	-	(D)	-	-	-	-	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	-	-	(D)	-	-	-	-	-	-	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	-	-	(D)	-	(D)	(D)	-	-	1	(D)
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	(D)	-	-	(D)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	18.5	8	2	-	-	3	2	3	3	-	-	1	4
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	3.2	4	-	1	1	2	1	2	3	-	-	1	6
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
20	MISSOURI . . . . .	325.8	64	4	9	8	16	6	37	27	6	4	7	121
20	FOOD AND KINDRED PRODUCTS . . . . .	30.7	12	-	1	1	3	1	8	4	-	-	1	56
21	TOBACCO MANUFACTURES . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
22	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	5.7	3	-	2	1	1	-	1	-	-	1	-	5
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	104.6	13	1	1	1	1	1	7	8	1	-	2	10
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	3.8	4	2	-	-	2	-	-	-	-	-	1	10
33	PRIMARY METAL INDUSTRIES . . . . .	31.5	6	-	2	-	1	-	3	1	3	-	1	5
34	FABRICATED METAL PRODUCTS . . . . .	1.4	6	-	-	-	2	-	4	1	-	-	1	10
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	2.9	5	1	-	1	-	-	2	5	1	2	-	4

See footnotes at end of table.



TABLE 7. Gross Water Used and Number of Establishments Recirculating and Treating Water by Type of Treatment: 1968—Continued

## C. STATES AND MAJOR INDUSTRY GROUPS—Continued

Code	State and major industry group	Gross water used, including recirculation or reuse (billion gallons)	Number of establishments treating water prior to recirculation or reuse by type of treatment											No treatment performed
			Total	Aeration	Coagulation	Filtration	Softening	Ion exchange	Corrosion control	pH	Settling	Flotation	Other	
36	MISSOURI													
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	25.6	3	-	-	1	2	-	2	2	-	-	-	8
37	TRANSPORTATION EQUIPMENT . . . . .	65.4	9	-	3	2	2	2	8	5	1	1	-	1
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	2
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	-	-	(D)	-	(D)	(D)	-	-	-	-
20	NORTH DAKOTA . . . . .	17.4	3	-	-	-	-	-	2	-	-	-	1	4
20	FOOD AND KINDRED PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	(D)	-	-	-	-	(D)
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	(D)	-	-	-	1	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	-	(D)
20	SOUTH DAKOTA . . . . .	9.0	3	-	-	-	1	-	3	3	-	-	-	9
20	FOOD AND KINDRED PRODUCTS . . . . .	9.0	3	-	-	-	1	-	3	3	-	-	-	9
20	NEBRASKA . . . . .	69.4	25	7	1	3	6	1	14	14	4	1	2	43
20	FOOD AND KINDRED PRODUCTS . . . . .	21.0	14	3	-	1	5	1	6	6	4	-	1	27
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	38.5	6	2	-	1	-	-	5	5	-	-	1	1
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-	-	(D)
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-	-	(D)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-	-	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-	-	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	-	(D)	-	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	-	(D)	-	-
20	KANSAS . . . . .	341.5	35	5	3	8	12	7	27	25	1	-	6	51
20	FOOD AND KINDRED PRODUCTS . . . . .	4.9	7	2	-	1	2	-	5	4	1	-	1	24
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	(D)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	143.5	11	-	1	3	5	3	7	8	-	-	2	7
29	PETROLEUM AND COAL PRODUCTS . . . . .	156.8	10	2	1	3	3	2	10	9	-	-	2	2
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	(D)	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-	-	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-	-	(D)
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	(D)	-	-	-	-	-	-	(D)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	-	-	(D)	-	(D)	(D)	-	-	-	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	-	-	(D)	-	-	-	-	-	-	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	20.3	3	-	-	1	1	2	(D)	(D)	-	-	-	2
20	SOUTH ATLANTIC DIVISION . . . . .	4 850.6	422	54	19	55	84	29	277	207	48	3	57	864
20	DELAWARE . . . . .	251.5	22	2	-	3	5	2	19	11	-	-	3	31
20	FOOD AND KINDRED PRODUCTS . . . . .	2.8	4	1	-	2	1	-	2	1	-	-	1	14
22	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	(D)	-	-	(D)	-	-	-	(D)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	77.3	8	-	-	-	-	-	8	3	-	-	1	7
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-	1	-
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	-	-	(D)	-	(D)	(D)	-	-	-	(D)
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	-	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	-	-	(D)	-	(D)	(D)	-	-	-	(D)
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	-	(D)	-	-	(D)	(D)	-	-	-	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	-	-	(D)	-	(D)	(D)	-	-	-	(D)
20	MARYLAND . . . . .	559.6	48	4	-	8	13	2	26	20	6	-	7	87
20	FOOD AND KINDRED PRODUCTS . . . . .	18.7	10	-	-	2	4	-	5	3	1	-	3	39
22	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	-	(D)	-	-	(D)	-	-	-	-	(D)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	54.7	8	2	-	2	1	-	5	4	-	-	1	15
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-	-	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	7.3	3	-	-	-	1	-	-	3	-	-	-	2
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	3.3	3	-	-	1	1	1	2	1	1	-	-	8
33	PRIMARY METAL INDUSTRIES . . . . .	372.6	7	1	-	1	1	-	3	2	4	-	2	1
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	1	(D)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	-	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	3.7	6	-	-	-	3	-	5	4	-	-	-	4
37	TRANSPORTATION EQUIPMENT . . . . .	21.9	4	-	-	1	2	1	3	2	-	-	-	4
20	DISTRICT OF COLUMBIA . . . . .	.1	1	-	-	1	-	-	-	1	-	-	-	3
20	FOOD AND KINDRED PRODUCTS . . . . .	.1	1	-	-	1	-	-	-	1	-	-	-	2
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(Z)	-	-	-	-	-	-	-	-	-	-	-	1
20	VIRGINIA . . . . .	658.7	56	9	-	10	15	4	32	19	4	-	4	100
20	FOOD AND KINDRED PRODUCTS . . . . .	4.6	7	1	-	1	2	-	6	2	-	-	1	32
21	TOBACCO MANUFACTURES . . . . .	(D)	(D)	(D)	-	-	(D)	(D)	(D)	(D)	-	-	(D)	(D)
22	TEXTILE MILL PRODUCTS . . . . .	17.6	6	-	-	-	2	-	4	3	1	-	-	19
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	247.2	6	-	-	5	-	-	2	1	-	-	-	5
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	315.9	12	3	-	2	3	1	8	5	1	-	-	9
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	3.9	3	1	-	-	-	-	3	2	-	-	-	1
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	-	-	(D)	-	-	-	-	-	-	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	1.5	4	-	-	-	1	-	1	-	2	-	-	6
33	PRIMARY METAL INDUSTRIES . . . . .	10.4	4	2	-	-	1	-	2	2	-	-	1	4
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	-	(D)	-	-	-	-	-	-	-	(D)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	-	-	(D)	-	-	-	-	-	-	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	-	-	(D)	(D)	(D)	(D)	-	-	-	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	-	-	-	(D)	(D)	-	-	-	-	(D)
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	(D)	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	-	-
20	WEST VIRGINIA . . . . .	817.5	32	5	3	2	5	3	23	17	7	1	3	45
20	FOOD AND KINDRED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	(D)	-	(D)	(D)	(D)	-	-	(D)
22	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)

See footnotes at end of table.

TABLE 7. Gross Water Used and Number of Establishments Recirculating and Treating Water by Type of Treatment: 1968—Continued

## C. STATES AND MAJOR INDUSTRY GROUPS—Continued

Code	State and major industry group	Gross water used, including recirculation or reuse (billion gallons)	Number of establishments treating water prior to recirculation or reuse by type of treatment											No treatment performed
			Total	Aeration	Coagulation	Filtration	Softening	Ion exchange	Corrosion control	pH	Settling	Flotation	Other	
	WEST VIRGINIA													
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	580.2	16	2	1	1	1	2	11	9	-	-	2	10
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(D)	(D)	(D)	-	-	-	(D)	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	-	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	221.3	6	1	1	2	2	5	4	5	-	-	-	6
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-	-	(D)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	-	-	(D)	-	-	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	-	-	-	(D)	(D)	(D)	-	-	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
	NORTH CAROLINA	471.1	84	7	5	9	14	4	56	40	7	1	13	218
20	FOOD AND KINDRED PRODUCTS . . . . .	4.2	3	-	-	-	-	-	2	2	-	-	1	35
21	TOBACCO MANUFACTURES . . . . .	(D)	(D)	(D)	-	-	-	-	-	(D)	-	-	(D)	(D)
22	TEXTILE MILL PRODUCTS . . . . .	84.3	44	4	4	3	10	1	31	17	4	-	3	128
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	-	-	(D)	-	(D)	-	-	-	-	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	-	(D)	-	-	-	-	-	-	-	5
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	67.6	8	2	-	1	-	1	6	5	-	-	2	9
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-	1	1
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	1
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	(D)	(D)	(D)	9
33	PRIMARY METAL INDUSTRIES . . . . .	4.5	5	1	1	1	1	-	2	4	2	-	-	2
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	-	(D)	-	-	(D)	-	-	-	-	(D)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	6.0	8	-	-	1	2	2	4	4	-	-	2	9
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-	-	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
	SOUTH CAROLINA	462.3	69	5	3	7	9	4	51	43	6	-	9	119
20	FOOD AND KINDRED PRODUCTS . . . . .	1.8	2	-	-	-	1	-	1	1	-	-	1	9
22	TEXTILE MILL PRODUCTS . . . . .	53.2	43	2	2	3	7	1	32	29	4	-	5	65
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	189.8	5	-	1	2	-	1	2	-	2	-	-	8
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	172.8	6	-	-	-	-	-	5	5	-	-	2	4
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	21.9	3	1	-	1	-	-	3	2	-	-	1	7
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	(D)	-	-	-	(D)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	12.7	3	1	-	1	1	-	2	2	-	-	-	4
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	2.2	3	-	1	-	-	-	3	1	-	-	-	9
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-	-	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	-	-	-	(D)	(D)	(D)	-	-	-	-
	GEORGIA	702.5	63	11	6	10	12	4	42	34	7	1	13	166
20	FOOD AND KINDRED PRODUCTS . . . . .	10.1	8	1	-	-	3	-	6	4	-	-	1	46
21	TOBACCO MANUFACTURES . . . . .	(D)	(D)	(D)	-	-	(D)	-	(D)	(D)	-	-	-	-
22	TEXTILE MILL PRODUCTS . . . . .	40.2	22	4	4	6	5	2	15	12	3	-	4	74
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	525.7	8	1	1	4	-	1	2	2	1	1	2	8
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	61.1	9	4	1	-	1	1	7	6	2	-	2	12
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	9.3	4	1	-	-	-	-	3	2	1	-	1	7
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	1	(D)
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	(D)	-	(D)	(D)	-	-	-	(D)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	-	-	-	-	-	(D)	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	1	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	23.4	4	-	-	-	1	-	4	3	-	-	-	3
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	(D)	-
	FLORIDA	927.2	47	11	2	5	11	6	28	22	11	-	5	95
20	FOOD AND KINDRED PRODUCTS . . . . .	64.6	11	2	-	1	2	-	4	6	1	-	2	56
21	TOBACCO MANUFACTURES . . . . .	(D)	(D)	(D)	-	-	(D)	-	(D)	(D)	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	422.8	4	1	1	-	1	-	1	1	1	-	-	7
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	398.0	21	5	-	-	3	3	16	10	6	-	2	10
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	11.1	4	2	-	2	2	-	1	1	2	-	-	7
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	(D)	-	-	(D)
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	5
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	6.7	4	-	1	1	2	3	4	3	-	-	1	4
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
	EAST SOUTH CENTRAL DIVISION	2 392.4	220	30	15	39	48	24	147	104	36	8	25	409
	KENTUCKY	404.8	58	8	6	13	18	8	45	32	10	2	3	82
20	FOOD AND KINDRED PRODUCTS . . . . .	19.9	11	1	-	3	5	-	4	3	1	-	-	31
21	TOBACCO MANUFACTURES . . . . .	4.4	4	-	-	-	-	1	4	3	-	-	-	1
22	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-	-	(D)
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	-	-	(D)	-	-	-	-	-	-	(D)
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	(D)	-	(D)	-	-	-	-	(D)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	225.4	9	1	2	3	3	1	8	8	2	1	2	13
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	(D)	-
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(D)	(D)	(D)	-	(D)	(D)	-	(D)	(D)	-	-	-	(D)
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	-	-	-	-	-	-	-	-	-	-	-	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	8.1	4	1	-	1	1	-	3	-	1	1	-	6
33	PRIMARY METAL INDUSTRIES . . . . .	64.3	5	-	2	1	2	1	4	4	1	-	-	9
34	FABRICATED METAL PRODUCTS . . . . .	7.2	4	2	1	2	2	2	4	4	-	-	-	2
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	4.3	4	1	1	2	2	1	4	2	1	-	-	8
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	10.4	7	2	-	-	-	1	7	6	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	-	(D)
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)

See footnotes at end of table.



TABLE 7. Gross Water Used and Number of Establishments Recirculating and Treating Water by Type of Treatment: 1968—Continued

## C. STATES AND MAJOR INDUSTRY GROUPS—Continued

Code	State and major industry group	Gross water used, including recirculation or reuse (billion gallons)	Number of establishments treating water prior to recirculation or reuse by type of treatment											No treatment performed
			Total	Aeration	Coagulation	Filtration	Softening	Ion exchange	Corrosion control	pH	Settling	Flotation	Other	
39	KENTUCKY													
	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
20	TENNESSEE . . . . .	713.0	7D	12	S	1S	19	11	4S	32	12	-	4	14D
22	FOOD AND KINDRED PRODUCTS . . . . .	13.3	9	2	-	-	S	1	4	2	-	-	-	36
24	TEXTILE MILL PRODUCTS . . . . .	7.4	9	1	-	1	4	-	7	S	-	-	-	2D
26	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
28	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-	-	(D)
29	PAPER AND ALLIED PRODUCTS . . . . .	160.1	6	-	-	4	-	-	1	3	2	-	1	S
30	CHEMICALS AND ALLIED PRODUCTS . . . . .	456.9	1B	4	S	B	S	4	13	1D	7	-	1	26
31	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-	-	(D)
32	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	12.0	S	-	-	-	2	1	4	-	-	-	1	1
33	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
34	STONE, CLAY, AND GLASS PRODUCTS . . . . .	13.1	4	-	-	1	1	1	2	-	-	-	1	13
35	PRIMARY METAL INDUSTRIES . . . . .	27.5	S	3	-	1	1	2	2	2	2	-	-	7
36	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	2	2	1	-	-	(D)
37	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	-	-	-	-	2	2	-	-	-	(D)
38	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	1.8	6	-	-	-	-	2	4	3	-	-	-	6
39	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	-	(D)	-	1	1	-	-	-	(D)
	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	1	-	-	-	-	(D)
	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	-	-	-	1	-	-	-	-	(D)
20	ALABAMA . . . . .	912.6	69	7	-	3	6	3	41	27	12	6	16	11S
22	FOOD AND KINDRED PRODUCTS . . . . .	1.7	3	-	-	6	-	-	2	1	-	-	-	19
24	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-	-	-
26	LUMBER AND WOOD PRODUCTS . . . . .	32.7	19	2	-	-	1	-	12	8	-	-	6	21
28	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
29	CHEMICALS AND ALLIED PRODUCTS . . . . .	414.8	7	1	2	3	-	1	4	2	2	1	1	8
30	PETROLEUM AND COAL PRODUCTS . . . . .	114.6	12	2	-	-	2	-	8	6	-	1	3	10
31	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-	-	(D)
32	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-	-	(D)
33	STONE, CLAY, AND GLASS PRODUCTS . . . . .	4.5	7	-	-	-	-	-	1	2	6	1	1	17
34	PRIMARY METAL INDUSTRIES . . . . .	334.4	13	1	1	3	3	2	7	3	4	3	S	12
35	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
36	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	-	(D)
37	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-	-	(D)
	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-	-	(D)
	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
20	MISSISSIPPI . . . . .	362.0	23	3	1	S	S	2	16	13	2	-	2	72
22	FOOD AND KINDRED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	-	(D)
24	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-	-	(D)
26	LUMBER AND WOOD PRODUCTS . . . . .	8.9	3	1	1	-	1	-	2	1	1	-	1	8
28	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	-	-	(D)	(D)	-	(D)	-	-	-	(D)
29	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	-	(D)	(D)	-	(D)	(D)	(D)	-	-	(D)
30	CHEMICALS AND ALLIED PRODUCTS . . . . .	77.0	S	-	-	1	-	-	4	5	-	-	1	6
31	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	-	(D)	-	-	(D)	(D)	-	-	-	-
32	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	-	-	(D)	-	(D)	(D)	-	-	-	(D)
33	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
34	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	-	(D)
35	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
36	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	-	(D)	(D)	-	(D)	-	-	-	-	(D)
37	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
38	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	-	-	-	(D)	-	-	-	-	-	(D)
39	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	-	(D)
	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
20	WEST SOUTH CENTRAL DIVISION . . . . .	9 382.7	329	45	23	71	78	33	230	185	44	S	57	411
22	ARKANSAS . . . . .	45D.5	29	4	2	7	4	-	19	10	4	2	S	78
24	FOOD AND KINDRED PRODUCTS . . . . .	4.6	8	1	-	1	-	-	3	-	1	2	-	41
26	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	-	(D)	-	-	(D)	-	-	-	-	(D)
28	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
29	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
30	PAPER AND ALLIED PRODUCTS . . . . .	331.5	S	1	-	2	2	-	3	1	-	-	-	4
31	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	-	(D)	(D)	(D)	(D)	(D)	(D)
32	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	-	(D)	-	-	(D)	(D)	(D)	(D)	(D)	(D)
33	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	(D)	(D)	(D)	(D)
34	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	(D)	(D)	(D)	(D)
35	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	(D)	(D)	(D)	(D)
36	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)	(D)	(D)	(D)
37	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	(D)	(D)	(D)	(D)
38	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	(D)	(D)	(D)	(D)
39	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	(D)	(D)	(D)	(D)
	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	-	-	-	-	-	(D)	(D)	(D)	(D)	(D)
	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	(D)	(D)	(D)	(D)	(D)
	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	-	-	-	-	-	(D)	(D)	(D)	(D)	(D)
20	LOUISIANA . . . . .	2 058.4	79	13	S	16	1S	9	S7	35	6	-	13	103
22	FOOD AND KINDRED PRODUCTS . . . . .	46.7	11	2	-	1	4	1	S	2	1	-	2	51
24	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-	-	(D)
26	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
28	PAPER AND ALLIED PRODUCTS . . . . .	179.1	8	-	1	S	1	-	3	2	-	-	1	8
29	CHEMICALS AND ALLIED PRODUCTS . . . . .	97S.6	41	6	4	6	B	5	37	21	2	-	6	14
30	PETROLEUM AND COAL PRODUCTS . . . . .	683.5	11	2	-	4	1	2	B	7	1	-	3	7
31	STONE, CLAY, AND GLASS PRODUCTS . . . . .	3.9	3	1	-	-	-	-	1	1	2	-	-	7
32	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	-	-	(D)	(D)	(D)	-	-	-	-	-
33	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
34	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
35	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
20	OKLAHOMA . . . . .	307.7	27	4	1	B	9	2	17	17	4	-	2	3S
22	FOOD AND KINDRED PRODUCTS . . . . .	3.4	(D)	1	-	1	2	-	1	2	1	-	-	(D)
24	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
26	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
28	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	-	(D)	-	-	-	-	-	-	(D)	(D)
29	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	-	(D)
30	PETROLEUM AND COAL PRODUCTS . . . . .	260.6	11	-	1	S	2	-	11	9	2	-	1	3
31	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	-	-	(D)	-	-	(D)	-	-	-	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	1.0	4	2	-	1	2	1	1	2	1	-	-	4
33	PRIMARY METAL INDUSTRIES . . . . .	2.5	3	-	-	-	-	1	1	1	-	-	-	1
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	-	-	(D)	-	(D)	(D)	-	-	-	-

See footnotes at end of table.



TABLE 7. Gross Water Used and Number of Establishments Recirculating and Treating Water by Type of Treatment: 1968—Continued

## C. STATES AND MAJOR INDUSTRY GROUPS—Continued

Code	State and major industry group	Gross water used, including recirculation or reuse (billion gallons)	Number of establishments treating water prior to recirculation or reuse by type of treatment											No treatment performed
			Total	Aeration	Coagulation	Filtration	Softening	Ion exchange	Corrosion control	pH	Settling	Flotation	Other	
36	OKLAHOMA													
37	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-	-	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	3
20	TEXAS . . . . .	6 566.2	194	24	15	40	50	22	137	123	30	3	37	195
22	FOOD AND KINDRED PRODUCTS . . . . .	66.4	27	7	1	1	13	2	15	11	1	-	4	85
24	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	-	(D)	(D)	(D)	(D)	(D)	-	-	-	(D)
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-	-	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	369.4	8	-	2	3	3	2	2	4	2	2	2	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	2 536.7	71	8	7	16	11	8	52	48	12	-	11	39
29	PETROLEUM AND COAL PRODUCTS . . . . .	3 076.0	38	3	4	14	12	5	33	34	3	1	12	5
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-	(D)	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	9.2	10	-	1	1	-	-	4	3	4	-	-	22
33	PRIMARY METAL INDUSTRIES . . . . .	421.4	13	1	-	3	2	2	8	7	6	-	1	7
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	(D)	-	(D)	(D)	-	-	-	(D)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	20.7	5	1	-	-	2	-	3	-	-	-	3	4
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	-	-	(D)	(D)	(D)	(D)	-	-	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	40.3	6	1	-	1	2	1	5	4	1	-	2	8
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	(D)
	MOUNTAIN DIVISION . . . . .	770.0	94	12	4	6	23	5	40	43	22	2	15	159
	MONTANA . . . . .	105.6	11	3	2	1	3	-	3	6	4	1	4	13
20	FOOD AND KINDRED PRODUCTS . . . . .	9.5	3	1	1	1	2	-	1	2	1	1	-	2
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	(D)	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-	1
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	(D)	(D)	-	-	(D)	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-	(D)
	IDAH0 . . . . .	150.8	14	1	-	1	2	-	2	2	3	1	7	49
20	FOOD AND KINDRED PRODUCTS . . . . .	46.1	8	1	-	1	1	-	1	1	2	1	6	33
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-	-	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	-	(D)	-	-	-	-	-	-	-	(D)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	(D)	-	(D)	(D)
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	-	-	(D)	-	-	-	-	-	-	(D)
	WYOMING . . . . .	40.4	5	1	-	1	1	-	3	3	1	-	1	6
20	FOOD AND KINDRED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	(D)	(D)	-	-	(D)
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	(D)	-	-	-	(D)
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	-	(D)	-	-	(D)	(D)	-	-	-	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	(D)	1
	COLORADO . . . . .	148.9	28	2	1	2	5	2	9	15	12	-	1	40
20	FOOD AND KINDRED PRODUCTS . . . . .	19.0	17	2	-	1	2	-	3	11	9	-	-	19
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-	-	(D)
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	(D)	-	-	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	-	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	(D)	(D)
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	(D)	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	-	-	(D)	-	(D)	(D)	-	-	-	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	-	(D)
	NEW MEXICO . . . . .	4.8	4	1	-	-	1	-	2	2	-	-	-	8
20	FOOD AND KINDRED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	(D)	-	-	-	-	-	-	(D)
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-	-	(D)
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-	-	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
	ARIZONA . . . . .	110.7	13	3	1	-	6	2	9	6	1	-	-	17
20	FOOD AND KINDRED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	(D)	-	(D)	-	-	-	-	(D)
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	(D)	-	-	-	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	69.6	6	1	1	-	3	1	5	3	1	-	-	3
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	-	-	(D)	(D)	(D)	-	-	-	-	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-	-	(D)
	UTAH . . . . .	179.6	14	1	-	1	4	1	8	5	1	-	2	20
20	FOOD AND KINDRED PRODUCTS . . . . .	3.8	5	-	-	-	2	-	3	-	-	-	1	10
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	-	(D)	-	-	(D)	(D)	-	-	-	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	-	-	(D)	-	-	(D)	(D)	-	(D)	(D)
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	-	-	-	-	-	(D)	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
	NEVADA . . . . .	29.2	5	-	-	-	1	-	4	4	-	-	-	6
20	FOOD AND KINDRED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	(D)	-	(D)	(D)	-	-	-	(D)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-	-	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-	-	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	-	-	-	-	-	(D)	-	-	-	(D)
	PACIFIC DIVISION . . . . .	3 110.1	344	32	24	63	69	34	196	151	44	14	65	577
	WASHINGTON . . . . .	1 060.6	60	6	3	12	8	3	26	21	8	6	19	107

See footnotes at end of table.

TABLE 7. Gross Water Used and Number of Establishments Recirculating and Treating Water by Type of Treatment: 1968—Continued

## C. STATES AND MAJOR INDUSTRY GROUPS—Continued

Code	State and major industry group	Gross water used, including recirculation or reuse (billion gallons)	Number of establishments treating water prior to recirculation or reuse by type of treatment											No treatment performed
			Total	Aeration	Coagulation	Filtration	Softening	Ion exchange	Corrosion control	pH	Settling	Flotation	Other	
	WASHINGTON													
20	FOOD AND KINDRED PRODUCTS . . . . .	20.2	18	3	-	2	2	1	6	2	1	-	8	50
24	LUMBER AND WOOD PRODUCTS . . . . .	19.4	5	1	-	-	1	-	4	1	1	-	-	16
26	PAPER AND ALLIED PRODUCTS . . . . .	791.4	20	1	3	9	1	2	5	7	4	6	3	8
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	42.3	5	1	-	-	-	-	3	2	-	-	6	6
29	PETROLEUM AND COAL PRODUCTS . . . . .	70.9	4	-	-	1	2	-	4	4	-	-	-	1
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	-	-	-	(D)	-	(D)	(D)	(D)	-	-	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	103.2	3	-	-	-	-	-	1	2	(D)	1	1	13
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	(D)	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	-	-	-	(D)	-	(D)	(D)	-	-	(D)	(D)
	DREGON													
20	FOOD AND KINDRED PRODUCTS . . . . .	345.1	37	2	10	10	5	4	18	14	2	2	7	92
22	TEXTILE MILL PRODUCTS . . . . .	6.1	8	1	-	2	-	1	3	2	-	-	4	30
24	LUMBER AND WOOD PRODUCTS . . . . .	94.4	15	-	6	3	3	1	10	8	-	-	-	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	205.8	8	-	4	4	2	1	2	1	1	2	-	29
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	(D)	(D)	-	-	-	9
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(D)	-	-	-	-	-	-	-	-	-	-	-	(D)
31	LEATHER AND LEATHER PRODUCTS . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
34	FABRICATED METAL PRODUCTS . . . . .	-	-	-	-	-	-	-	-	(D)	(D)	-	1	(D)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	-	-	-	-	-	-	-	-	-	-	-	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	-	-	(D)	-	(D)	-	-	-	-	-	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	2
	CALIFORNIA													
20	FOOD AND KINDRED PRODUCTS . . . . .	1 444.9	238	22	11	41	55	25	149	114	32	6	36	347
22	TEXTILE MILL PRODUCTS . . . . .	102.7	70	5	2	4	14	-	37	26	3	1	22	171
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	(D)	(D)	-	-	-	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	19.6	3	1	1	2	2	1	1	1	2	-	-	15
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	167.2	13	2	2	7	3	-	2	1	3	3	1	16
29	PETROLEUM AND COAL PRODUCTS . . . . .	158.4	28	3	-	-	5	1	25	18	4	-	3	26
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	667.4	18	2	2	5	1	4	14	12	4	-	-	7
31	LEATHER AND LEATHER PRODUCTS . . . . .	10.4	6	-	-	1	2	-	5	5	-	-	-	3
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	(D)	(D)	-	-	-	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	35.3	24	1	-	5	1	2	13	6	5	1	3	25
34	FABRICATED METAL PRODUCTS . . . . .	166.5	16	3	1	4	8	4	9	7	7	-	2	11
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	6.7	5	1	1	-	2	2	2	3	1	-	1	15
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	6.2	8	-	-	3	2	1	7	6	1	-	-	6
37	TRANSPORTATION EQUIPMENT . . . . .	30.3	15	1	1	4	2	3	11	10	-	-	2	18
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	61.9	14	2	1	1	3	2	12	7	-	-	1	12
39	MISC. MANUFACTURING INDUSTRIES . . . . .	1.1	3	-	-	-	2	1	2	1	-	-	-	5
	ALASKA													
20	FOOD AND KINDRED PRODUCTS . . . . .	113.5	2	-	-	-	-	1	(D)	-	-	-	1	10
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	-	-	-	-	(D)	-	-	-	-	(D)	(D)
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	(D)	-	-	-	-	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	(D)
	HAWAII													
20	FOOD AND KINDRED PRODUCTS . . . . .	146.1	7	2	-	-	1	1	2	2	2	-	2	21
29	PETROLEUM AND COAL PRODUCTS . . . . .	130.3	5	2	-	-	1	-	1	1	2	-	2	21
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	(D)	(D)	-	-	-	-

Note: Detailed figures may not add to totals because of independent rounding. The figures shown for industry groups include data for all component industries whether or not separate figures are shown for the individual industries in the group.

Standard notes: - Represents zero. (D) Withheld to avoid disclosing figures of individual companies.



TABLE 8. Water Discharged, Water Treated Prior to Discharge and Number of Establishments Treating Water Prior to Discharge by Type of Treatment: 1968

## A. INDUSTRY GROUPS AND INDUSTRIES

Code	Industry group and industry	Water discharged (billion gallons)												
		Total	Treated prior to discharge by type of treatment											
			Total	Coagulation	Settling		Trickling filters	Activated sludge	Digestion	Ponds or lagoons	pH	Sand filtration	Chlorination	Flotation
					Primary	Secondary								
	ALL INDUSTRIES, TOTAL . . . . .	14 275.9	4 353.2	224.7	2 516.8	959.5	90.3	119.7	33.4	1 678.0	1 000.5	113.2	219.3	975.3
20	FOOD AND KINDRED PRODUCTS . . . . .	752.8	184.7	7.0	88.6	17.0	6.6	6.0	4.8	72.8	6.4	.8	20.5	38.9
201	MEAT PRODUCTS . . . . .	99.5	38.5	3.9	18.5	6.5	1.5	.4	1.0	11.1	.3	-	4.8	7.3
2011	MEATPACKING PLANTS . . . . .	66.9	30.9	3.7	16.3	6.4	-	.4	.8	8.6	-	-	3.8	4.5
2013	SAUSAGES AND OTHER PREPARED MEATS . . . . .	5.4	1.0	-	.4	-	-	-	-	-	-	-	-	-
2015	POULTRY DRESSING PLANTS . . . . .	27.3	6.6	-	1.8	-	-	-	-	2.5	-	-	1.0	2.7
202	DAIRY PRODUCTS . . . . .	53.0	2.1	-	.5	.6	.6	.1	.3	.8	-	-	.8	.1
2021	CREAMERY BUTTER . . . . .	6.2	.2	-	-	-	-	-	-	-	-	-	-	-
2022	CHEESE, NATURAL AND PROCESSED . . . . .	3.5	.3	-	-	-	-	-	-	-	-	-	-	-
2023	CONDENSED AND EVAPORATED MILK . . . . .	13.1	.7	-	-	-	.4	-	-	-	-	-	-	.1
2024	ICE CREAM AND FROZEN DESSERTS . . . . .	2.9	-	-	-	-	-	-	-	-	-	-	-	-
2026	FLUID MILK . . . . .	27.4	.9	-	.4	.3	-	-	-	.3	-	-	.6	-
203	CANNED, CURED, AND FROZEN FOODS . . . . .	119.8	47.7	.5	13.0	2.3	1.8	4.2	.6	31.1	4.4	-	4.8	20.3
2031	CANNED AND CURED SEAFOODS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
2032	CANNED SPECIALTIES . . . . .	14.4	7.7	-	-	-	-	-	-	-	-	-	-	6.2
2033	CANNED FRUITS AND VEGETABLES . . . . .	38.4	15.6	-	1.7	.9	-	.8	-	3.5	4.3	-	1.0	6.5
2034	DEHYDRATED FOOD PRODUCTS . . . . .	4.5	3.4	-	2.5	-	-	-	-	-	-	-	-	.6
2035	PICKLES, SAUCES, AND SALAD DRESSINGS . . . . .	2.6	.5	-	-	-	-	-	-	-	-	-	-	-
2036	FRESH OR FROZEN PACKAGED FISH . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
2037	FROZEN FRUITS AND VEGETABLES . . . . .	56.0	20.0	-	7.6	.4	.6	2.9	-	27.1	-	-	2.1	6.9
204	GRAIN MILL PRODUCTS . . . . .	67.1	6.0	.1	1.1	.4	-	.6	.1	.6	.1	-	4.4	.6
2041	FLOUR AND OTHER GRAIN MILL PRODUCTS . . . . .	2.8	.1	-	-	-	-	-	-	-	-	-	-	-
2042	PREPARED FEEDS FOR ANIMALS AND FOWLS . . . . .	4.2	1.3	-	.6	-	-	-	-	-	-	-	.6	.5
2043	CEREAL PREPARATIONS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
2044	RICE MILLING . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
2045	BLENDED AND PREPARED FLOUR . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
2046	WET CORN MILLING . . . . .	55.9	4.3	-	.2	-	-	-	-	-	-	-	-	-
205	BAKERY PRODUCTS . . . . .	3.2	.2	-	-	-	-	-	-	-	-	-	-	-
2051	BREAD, CAKE, AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
2052	COOKIES AND CRACKERS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
206	SUGAR . . . . .	233.0	70.8	2.2	49.0	6.1	-	-	1.9	26.8	(2)	-	-	7.1
2061	RAW CANE SUGAR . . . . .	112.0	34.7	-	27.3	-	-	-	-	9.1	-	-	-	-
2062	CANE SUGAR REFINING . . . . .	81.0	4.5	-	-	-	-	-	-	4.3	-	-	-	-
2063	BET SUGAR . . . . .	40.0	31.7	-	21.4	3.3	-	-	-	13.4	(2)	-	-	7.1
207	CONFECTIONERY AND RELATED PRODUCTS . . . . .	18.6	.9	-	-	-	-	-	-	-	-	-	-	-
2071	CONFECTIONERY PRODUCTS . . . . .	4.7	.9	-	-	-	-	-	-	-	-	-	-	-
2072	CHOCOLATE AND COCOA PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
2073	CHEWING GUM . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
208	BEVERAGES . . . . .	97.4	7.4	-	.9	-	.6	-	.6	.3	.6	-	1.3	1.5
2082	MALT LIQUORS . . . . .	58.0	4.2	-	-	-	-	-	-	-	-	-	-	-
2083	MALT . . . . .	8.0	1.8	-	-	-	-	-	-	-	-	-	-	1.3
2084	WINES, BRANDY, AND BRANDY SPIRITS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	-
2085	DISTILLED LIQUOR, EXCEPT BRANDY . . . . .	17.9	.2	-	-	-	-	-	-	-	-	-	-	-
2086	BOTTLED AND CANNED SOFT DRINKS . . . . .	6.0	.6	-	-	-	-	-	-	-	-	-	-	-
2087	FLAVORING EXTRACTS AND SIRUPS, NEC . . . . .	(D)	-	-	-	-	-	-	-	-	-	-	-	-
209	MISC. FOODS AND KINDRED PRODUCTS . . . . .	61.0	11.1	.3	5.1	.4	-	-	.2	2.2	.9	-	2.6	1.7
2091	COTTONSEED OIL MILLS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
2092	SOYBEAN OIL MILLS . . . . .	12.4	1.2	-	-	-	-	-	-	.3	-	-	-	-
2093	VEGETABLE OIL MILLS, NEC . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
2094	ANIMAL AND MARINE FATS AND OILS . . . . .	7.7	3.3	-	2.3	.3	-	-	-	1.2	-	-	-	.2
2095	ROASTED COFFEE . . . . .	2.2	-	-	-	-	-	-	-	-	-	-	-	-
2096	SHORTENING AND COOKING OILS . . . . .	15.4	5.1	-	1.5	-	-	-	-	-	.2	-	-	-
2097	MANUFACTURED ICE . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2098	MACARONI AND SPAGHETTI . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2099	FOOD PREPARATIONS, NEC . . . . .	17.0	1.4	-	.6	-	-	-	.2	-	-	-	-	.4
21	TOBACCO MANUFACTURES . . . . .	4.8	.5	-	-	-	-	-	-	-	-	-	-	-
2111	CIGARETTES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2121	CIGARS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2131	CHEWING AND SMOKING TOBACCO . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2141	TOBACCO STEMMING AND REDRYING . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
22	TEXTILE MILL PRODUCTS . . . . .	136.0	53.7	2.5	12.8	8.2	4.4	7.2	3.0	30.8	6.4	.2	6.7	15.2
2211	WEAVING MILLS, COTTON . . . . .	27.8	9.5	-	2.6	2.6	2.0	1.8	.1	2.8	-	-	2.7	2.4
2221	WEAVING MILLS, SYNTHETICS . . . . .	10.9	5.3	-	2.1	1.2	-	3.3	1.3	2.4	-	-	1.7	2.2
2231	WEAVING AND FINISHING MILLS, WOOL . . . . .	14.1	5.9	-	2.6	-	-	-	.2	3.9	-	-	1.2	.9
2241	NARROW FABRIC MILLS . . . . .	.8	-	-	-	-	-	-	-	-	-	-	-	-
225	KNITTING MILLS . . . . .	10.6	2.3	-	.4	-	-	-	-	.6	-	-	-	-
2251	WOMEN'S HOSIERY, EXCEPT SOCKS . . . . .	1.6	-	-	-	-	-	-	-	-	-	-	-	-
2252	HOSIERY, NEC . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2253	KNIT OUTERWEAR MILLS . . . . .	1.9	-	-	-	-	-	-	-	-	-	-	-	-
2254	KNIT UNDERWEAR MILLS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2256	KNIT FABRIC MILLS . . . . .	5.0	2.0	-	.4	-	-	-	-	.5	-	-	-	-
226	TEXTILE FINISHING, EXCEPT WOOL . . . . .	46.0	21.5	-	3.3	1.9	-	1.3	1.1	14.6	.9	-	-	6.9
2261	FINISHING PLANTS, COTTON . . . . .	25.0	11.0	-	1.9	1.3	-	1.0	-	4.4	-	-	-	5.0
2262	FINISHING PLANTS, SYNTHETICS . . . . .	16.4	9.9	-	1.1	-	-	-	-	10.1	-	-	-	1.7
2269	FINISHING PLANTS, NEC . . . . .	4.6	.5	-	-	-	-	-	-	-	-	-	-	-
227	FLOOR COVERING MILLS . . . . .	9.6	2.8	-	1.5	1.0	-	-	-	1.7	-	-	-	-
2271	WOVEN CARPETS AND RUGS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.



TABLE 8. **Water Discharged, Water Treated Prior to Discharge and Number of Establishments Treating Water Prior to Discharge by Type of Treatment: 1968—Continued**

## A. INDUSTRY GROUPS AND INDUSTRIES—Continued

Code	Industry group and industry	Number of establishments treating water prior to discharge by type of treatment												
		Total	Coagulation	Settling		Trickling filters	Activated sludge	Digestion	Ponds or lagoons	pH	Sand filtration	Chlorination	Flotation	Other
				Primary	Secondary									
	ALL INDUSTRIES, TOTAL. . . . .	3 521	359	1 513	613	221	252	313	1 191	910	106	483	859	5 881
20	FOOD AND KINDRED PRODUCTS. . . . .	676	31	248	66	36	35	42	208	48	8	83	190	1 669
201	MEAT PRODUCTS. . . . .	175	9	74	17	4	4	7	59	4	-	17	39	289
2011	MEATPACKING PLANTS. . . . .	115	6	60	15	2	4	5	37	1	-	8	21	115
2013	SAUSAGES AND OTHER PREPARED MEATS. . . . .	14	2	7	-	-	-	-	1	1	-	-	2	40
2015	POULTRY DRESSING PLANTS. . . . .	46	1	7	2	2	-	2	21	2	-	9	16	134
202	DAIRY PRODUCTS. . . . .	44	2	9	8	12	5	7	14	1	-	11	7	474
2021	CREAMERY BUTTER. . . . .	6	-	-	-	3	-	-	3	-	-	-	1	55
2022	CHEESE, NATURAL AND PROCESSED. . . . .	4	-	2	2	1	-	1	3	-	-	-	-	39
2023	CONDENSED AND EVAPORATED MILK. . . . .	16	-	-	1	5	2	3	3	-	-	2	5	55
2024	ICE CREAM AND FROZEN DESSERTS. . . . .	-	-	-	-	-	-	-	-	-	-	-	-	40
2026	FLUID MILK. . . . .	18	2	7	5	3	3	3	5	1	-	9	1	285
203	CANNED, CURED, AND FROZEN FOODS. . . . .	205	5	48	13	9	17	5	58	14	3	23	93	243
2031	CANNED AND CURED SEAFOODS. . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	(0)	-	(0)
2032	CANNED SPECIALTIES. . . . .	12	-	2	1	1	2	2	1	-	-	1	8	20
2033	CANNED FRUITS AND VEGETABLES. . . . .	105	1	17	5	3	4	2	39	12	1	10	51	115
2034	DEHYDRATED FOOD PRODUCTS. . . . .	14	1	8	1	-	1	-	2	1	-	-	4	9
2035	PICKLES, SAUCES, AND SALAD DRESSINGS. . . . .	10	-	3	2	1	1	-	2	1	-	2	1	18
2036	FRESH OR FROZEN PACKAGED FISH. . . . .	(0)	(0)	(0)	(0)	-	(0)	-	(0)	-	-	(0)	(0)	(0)
2037	FROZEN FRUITS AND VEGETABLES. . . . .	60	3	18	4	4	8	1	13	-	2	7	28	49
204	GRAIN MILL PRODUCTS. . . . .	35	4	18	5	3	5	5	6	6	1	10	8	48
2041	FLOUR AND OTHER GRAIN MILL PRODUCTS. . . . .	4	1	1	-	1	-	1	1	1	-	-	1	10
2042	PREPARED FEEDS FOR ANIMALS AND FOWLS. . . . .	16	2	8	3	1	2	3	2	3	1	7	4	16
2043	CEREAL PREPARATIONS. . . . .	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-	(0)
2044	RICE MILLING. . . . .	(0)	(0)	(0)	-	-	-	-	(0)	-	-	-	(0)	-
2045	BLENDING AND PREPARED FLOUR. . . . .	(0)	(0)	(0)	-	(0)	-	-	-	(0)	-	(0)	(0)	(0)
2046	WET CORN MILLING. . . . .	10	-	6	2	-	3	1	2	1	-	2	1	10
205	BAKERY PRODUCTS. . . . .	4	-	2	1	1	-	-	-	1	-	2	1	61
2051	BREAD, CAKE, AND RELATED PRODUCTS. . . . .	(0)	(0)	(0)	-	-	-	-	-	-	-	(0)	(0)	(0)
2052	COOKIES AND CRACKERS. . . . .	(0)	(0)	(0)	(0)	(0)	-	-	-	(0)	-	(0)	-	(0)
206	SUGAR. . . . .	78	4	41	9	2	1	5	42	6	1	2	11	49
2061	RAW CANE SUGAR. . . . .	21	1	11	3	-	-	1	12	1	1	1	-	28
2062	CANE SUGAR REFINING. . . . .	9	-	3	1	-	1	2	6	-	-	-	-	14
2063	BEET SUGAR. . . . .	48	3	27	5	2	-	2	24	5	-	1	11	7
207	CONFECTIONERY AND RELATED PRODUCTS. . . . .	6	-	3	1	-	-	-	-	2	1	2	2	33
2071	CONFECTIONERY PRODUCTS. . . . .	5	-	3	1	-	-	-	-	1	1	2	1	25
2072	CHOCOLATE AND COCOA PRODUCTS. . . . .	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-	(0)
2073	CHEWING GUM. . . . .	(0)	(0)	(0)	-	-	-	-	-	(0)	-	-	(0)	(0)
208	BEVERAGES. . . . .	40	2	9	2	4	1	7	8	6	2	11	11	272
2082	MALT LIQUORS. . . . .	5	1	3	1	-	1	1	-	1	-	1	1	90
2083	MALT. . . . .	8	-	1	-	1	-	1	1	-	-	1	4	16
2084	WINES, BRANDY, AND BRANDY SPIRITS. . . . .	(0)	(0)	(0)	-	-	-	-	(0)	(0)	(0)	(0)	(0)	(0)
2085	DISTILLED LIQUOR, EXCEPT BRANDY. . . . .	7	-	2	1	2	-	2	3	2	-	3	-	24
2086	BOTTLED AND CANNED SOFT DRINKS. . . . .	12	1	3	-	1	-	3	-	1	1	3	3	118
2087	FLAVORING EXTRACTS AND SIRUPS, NEC. . . . .	(0)	(0)	(0)	-	-	-	-	-	-	-	-	(0)	(0)
209	MISC. FOODS AND KINDRED PRODUCTS. . . . .	89	5	44	10	1	2	6	21	8	-	5	18	200
2091	COTTONSEED OIL MILLS. . . . .	(0)	(0)	(0)	-	-	-	(0)	(0)	-	-	-	-	(0)
2092	SOYBEAN OIL MILLS. . . . .	10	-	3	2	1	1	1	5	2	-	-	2	37
2093	VEGETABLE OIL MILLS, NEC. . . . .	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-	(0)
2094	ANIMAL AND MARINE FATS AND OILS. . . . .	36	2	21	5	-	1	-	10	1	-	2	4	29
2095	ROASTED COFFEE. . . . .	-	-	-	-	-	-	-	-	-	-	-	-	10
2096	SHORTENING AND COOKING OILS. . . . .	22	3	10	1	-	-	-	2	5	-	1	3	25
2097	MANUFACTURED ICE. . . . .	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-	(0)
2098	MACARONI AND SPAGHETTI. . . . .	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-	(0)
2099	FOOD PREPARATIONS, NEC. . . . .	18	-	8	2	-	-	4	3	-	-	2	9	54
21	TOBACCO MANUFACTURES. . . . .	6	1	-	-	-	-	-	1	2	-	1	2	18
2111	CIGARETTES. . . . .	(0)	(0)	(0)	(0)	-	-	-	-	(0)	-	-	-	(0)
2121	CIGARS. . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	(0)	(0)
2131	CHEWING AND SMOKING TOBACCO. . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	(0)
2141	TOBACCO STEMMING AND REGRINDING. . . . .	(0)	(0)	(0)	(0)	-	-	-	(0)	-	-	(0)	(0)	(0)
22	TEXTILE MILL PRODUCTS. . . . .	193	14	60	30	15	27	30	89	19	9	28	48	491
2211	WEAVING MILLS, COTTON. . . . .	43	-	11	7	4	8	10	14	-	3	8	10	81
2221	WEAVING MILLS, SYNTHETICS. . . . .	26	1	7	4	2	7	6	13	3	1	9	6	60
2231	WEAVING AND FINISHING MILLS, WOOL. . . . .	17	1	6	1	1	1	5	10	2	2	4	6	45
2241	NARROW FABRIC MILLS. . . . .	-	-	-	-	-	-	-	-	-	-	-	-	11
225	KNITTING MILLS. . . . .	20	2	5	2	2	3	1	8	2	-	2	3	80
2251	WOMEN'S HOSIERY, EXCEPT SOCKS. . . . .	-	-	-	-	-	2	-	-	-	-	1	-	14
2252	HOSIERY, NEC. . . . .	(0)	(0)	(0)	(0)	-	-	-	(0)	-	-	-	-	(0)
2253	KNIT OUTERWEAR MILLS. . . . .	3	-	1	-	-	-	-	1	-	-	-	1	14
2254	KNIT UNDERWEAR MILLS. . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	(0)
2256	KNIT FABRIC MILLS. . . . .	12	2	4	1	2	1	1	6	2	-	1	2	28
226	TEXTILE FINISHING, EXCEPT WOOL. . . . .	38	2	15	8	2	7	4	21	4	2	3	11	89
2261	FINISHING PLANTS, COTTON. . . . .	19	2	6	5	1	5	1	8	2	1	1	5	31
2262	FINISHING PLANTS, SYNTHETICS. . . . .	14	-	6	2	1	2	3	12	1	1	2	4	31
2269	FINISHING PLANTS, NEC. . . . .	5	-	3	1	-	-	-	1	1	-	-	2	27
227	FLOOR COVERING MILLS. . . . .	11	3	7	4	3	-	3	5	2	-	1	3	39
2271	WOVEN CARPETS AND RUGS. . . . .	(0)	(0)	(0)	(0)	(0)	-	(0)	(0)	(0)	-	(0)	-	(0)

See footnotes at end of table.

TABLE 8. Water Discharged, Water Treated Prior to Discharge and Number of Establishments Treating Water Prior to Discharge by Type of Treatment: 1968—Continued

## A. INDUSTRY GROUPS AND INDUSTRIES—Continued

Code	Industry group and industry	Water discharged (billion gallons)												
		Total	Treated prior to discharge by type of treatment											
			Total	Coagulation	Settling		Trickling filters	Activated sludge	Digestion	Ponds or lagoons	pH	Sand filtration	Chlorination	Flotation
		Primary	Secondary											
2272	TUFTED CARPETS AND RUGS. . . . .	8.2	2.7	-	1.3	-	-	-	-	1.6	-	-	-	-
2279	CARPETS AND RUGS, NEC. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
228	YARN AND THREAD MILLS. . . . .	9.9	4.9	-	-	-	-	-	-	3.8	-	-	-	1.0
2281	YARN MILLS, EXCEPT WOOL. . . . .	3.4	.9	-	-	-	-	-	-	.8	-	-	-	-
2282	THROWING AND WINDING MILLS. . . . .	.8	-	-	-	-	-	-	-	-	-	-	-	-
2283	WOOL YARN MILLS. . . . .	1.1	1.0	-	-	-	-	-	-	-	-	-	-	-
2284	THREAD MILLS. . . . .	4.5	3.0	-	-	-	-	-	-	-	-	-	-	.5
229	MISCELLANEOUS TEXTILE GOODS. . . . .	6.3	1.5	-	.3	-	-	-	-	1.0	-	-	-	.1
2291	FELT GOODS, NEC. . . . .	.4	-	-	-	-	-	-	-	-	-	-	-	-
2292	LACE GOODS. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
2293	PADDINGS AND UPHOLSTERY FILLING. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
2294	PROCESSED TEXTILE WASTE. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
2295	COATED FABRICS, NOT RUBBERIZED. . . . .	3.2	.4	-	-	-	-	-	-	-	-	-	-	-
2296	TIRE CORD AND FABRIC. . . . .	.5	-	-	-	-	-	-	-	-	-	-	-	-
2297	SCOURING AND COMBING PLANTS. . . . .	1.1	.6	-	-	-	-	-	-	-	-	-	-	-
2298	CORDAGE AND TWINE. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
2299	TEXTILE GOODS, NEC. . . . .	.6	-	-	-	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS. . . . .	92.7	18.7	-	10.1	1.0	-	-	-	7.8	-	-	.5	5.7
2411	LOGGING CAMPS, LOGGING CONTRACTORS. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
242	SAWMILLS AND PLANING MILLS. . . . .	68.1	11.4	-	8.5	-	-	-	-	6.4	-	-	-	-
2421	SAWMILLS AND PLANING MILLS, GENERAL. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	-
2426	HARDWOOD DIMENSION AND FLOORING. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
243	MILLWORK, PLYWOOD, RELATED PROD. . . . .	15.5	3.8	-	.2	-	-	-	-	-	-	-	-	-
2431	MILLWORK. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
2432	VENEER AND PLYWOOD. . . . .	15.1	3.8	-	.1	-	-	-	-	-	-	-	-	-
2433	PREFABRICATED WOOD STRUCTURES. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
244	WOODEN CONTAINERS. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
2441	NAILED WOODEN BOXES AND SHOOK. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
2442	WIREBOUND BOXES AND CRATES. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
249	MISCELLANEOUS WOOD PRODUCTS. . . . .	8.8	3.4	-	1.4	-	-	-	-	1.2	-	-	-	-
2491	WOOD PRESERVING. . . . .	.7	.1	-	-	-	-	-	-	-	-	-	-	-
2499	WOOD PRODUCTS, NEC. . . . .	8.1	3.4	-	-	-	-	-	-	1.2	-	-	-	-
25	FURNITURE AND FIXTURES. . . . .	3.8	.3	-	.2	-	-	-	-	-	.1	-	-	-
251	HOUSEHOLD FURNITURE. . . . .	1.7	-	-	-	-	-	-	-	-	-	-	-	-
2511	WOOD HOUSEHOLD FURNITURE. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
2512	UPHOLSTERED HOUSEHOLD FURNITURE. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
2514	METAL HOUSEHOLD FURNITURE. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
2515	MATTRESSES AND BEDSPRINGS. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
2519	HOUSEHOLD FURNITURE, NEC. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
252	OFFICE FURNITURE. . . . .	1.0	-	-	-	-	-	-	-	-	-	-	-	-
2522	METAL OFFICE FURNITURE. . . . .	1.0	-	-	-	-	-	-	-	-	-	-	-	-
2531	PUBLIC BUILDING FURNITURE. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
254	PARTITIONS AND FIXTURES. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
2542	METAL PARTITIONS AND FIXTURES. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
259	MISC. FURNITURE AND FIXTURES. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
2591	VENETIAN BLINDS AND SHADES. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
2599	FURNITURE AND FIXTURES, NEC. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . . . .	2 077.6	915.3	22.0	565.8	132.7	8.4	53.6	.4	484.5	40.5	.6	6.0	152.4
2611	PULPMILLS. . . . .	265.2	83.3	-	37.5	-	-	-	-	39.3	-	-	-	25.4
2621	PAPERMILLS, EXCEPT BUILDING PAPER. . . . .	1 073.4	467.1	12.8	321.3	49.1	2.6	38.6	.3	225.6	16.9	-	1.7	42.1
2631	PAPERBOARD MILLS. . . . .	687.4	348.7	8.2	200.0	80.6	5.8	14.9	-	214.0	20.9	-	1.6	80.3
264	MISC. CONVERTED PAPER PRODUCTS. . . . .	20.8	8.4	-	4.5	-	-	-	-	4.6	1.6	-	-	.8
2641	PAPER COATING AND GLAZING. . . . .	7.1	3.1	-	-	-	-	-	-	-	-	-	-	-
2642	ENVELOPES. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
2643	BAGS, EXCEPT TEXTILE BAGS. . . . .	6.0	2.7	-	-	-	-	-	-	-	-	-	-	-
2644	WALLPAPER. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
2645	DIE-CUT PAPER AND BOARD. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
2646	PRESSED AND MOLDED PULP GOODS. . . . .	3.9	1.1	-	-	-	-	-	-	-	-	-	-	-
2647	SANITARY PAPER PRODUCTS. . . . .	3.3	1.5	-	-	-	-	-	-	-	-	-	-	-
2649	CONVERTED PAPER PRODUCTS, NEC. . . . .	.3	-	-	-	-	-	-	-	-	-	-	-	-
265	PAPERBOARD CONTAINERS AND BOXES. . . . .	4.5	1.6	-	-	-	-	-	-	-	-	-	-	-
2651	FOLDING PAPERBOARD BOXES. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
2653	CORRUGATED AND SOLID FIBER BOXES. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
2654	SANITARY FOOD CONTAINERS. . . . .	1.4	-	-	-	-	-	-	-	-	-	-	-	-
2655	FIBER CANS, DRUMS, RELATED MATERIAL. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
2661	BUILDING PAPER AND BOARD MILLS. . . . .	26.3	6.2	.3	2.4	.9	-	-	-	1.0	-	-	-	3.8
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	4 175.1	674.2	26.5	197.7	87.8	14.8	41.7	5.3	304.1	282.3	3.4	123.2	54.9
281	INDUSTRIAL CHEMICALS. . . . .	3 166.7	466.0	10.5	118.2	54.8	4.9	28.6	3.0	202.0	201.6	1.8	97.4	34.9
2812	ALKALIES AND CHLORINE. . . . .	364.1	117.3	-	22.5	.3	-	-	.2	20.2	25.4	-	88.5	-
2813	INDUSTRIAL GASES. . . . .	80.8	1.4	-	-	-	-	-	-	.5	-	-	-	-
2815	CYCLIC INTERMEDIATES AND CRUDES. . . . .	129.0	50.0	.9	16.4	9.1	-	7.5	.1	29.1	34.2	-	.4	.5
2816	INDORGANIC PIGMENTS. . . . .	91.5	21.7	-	7.2	1.0	-	-	-	10.4	8.9	-	-	.8
2818	INDUSTRIAL ORGANIC CHEMICALS, NEC. . . . .	2 033.3	142.2	5.7	55.9	35.6	3.9	20.8	1.0	63.3	92.8	-	1.6	22.2
2819	INDUSTRIAL INORGANIC CHEMICALS, NEC. . . . .	468.0	133.4	3.4	16.3	8.7	.9	.3	1.6	78.5	40.1	1.0	6.8	10.7

See footnotes at end of table.



TABLE 8. Water Discharged, Water Treated Prior to Discharge and Number of Establishments Treating Water Prior to Discharge by Type of Treatment: 1968—Continued

## A. INDUSTRY GROUPS AND INDUSTRIES—Continued

Code	Industry group and industry	Number of establishments treating water prior to discharge by type of treatment												
		Total	Coagulation	Settling		Trickling filters	Activated sludge	Digestion	Ponds or lagoons	pH	Sand filtration	Chlorination	Flotation	Other
				Primary	Secondary									
2272	TUFTED CARPETS AND RUGS. . . . .	10	2	6	3	2	-	2	4	1	-	-	3	34
2279	CARPETS AND RUGS, NEC. . . . .	(D)	(O)	(O)	(D)	-	-	-	-	-	-	-	-	(D)
228	YARN AND THREAD MILLS. . . . .	17	2	2	2	-	1	-	10	3	1	-	5	48
2281	YARN MILLS, EXCEPT WDL. . . . .	6	-	-	2	-	1	-	4	-	1	-	1	35
2282	THROWING AND WINDING MILLS. . . . .	-	-	-	-	-	-	-	-	-	-	-	-	6
2283	WOOL YARN MILLS. . . . .	4	1	-	-	-	-	-	3	2	-	-	-	1
2284	THREAD MILLS. . . . .	7	1	-	-	-	-	-	3	1	-	-	4	6
229	MISCELLANEOUS TEXTILE GOODS. . . . .	21	3	7	2	1	-	1	8	3	-	1	4	38
2291	FELT GOODS, NEC. . . . .	3	-	1	-	-	-	-	-	1	-	-	2	2
2292	LACE GOODS. . . . .	(O)	(O)	(O)	(O)	-	-	-	-	-	-	-	-	(O)
2293	PADDOINGS AND UPHOLSTERY FILLING. . . . .	(O)	(D)	(O)	(O)	-	-	-	-	-	-	-	-	(O)
2294	PROCESSED TEXTILE WASTE. . . . .	(O)	(O)	(O)	(O)	-	-	-	-	-	-	-	-	(O)
2295	COATED FABRICS, NOT RUBBERIZED. . . . .	4	1	-	-	-	-	-	3	-	-	1	-	11
2296	TIRE CORO AND FABRIC. . . . .	3	-	2	-	1	-	1	-	-	-	-	-	6
2297	SCOURING AND COMBING PLANTS. . . . .	6	1	3	2	-	-	-	3	-	-	-	2	3
2298	CORRAGE AND TWINE. . . . .	(D)	(O)	(O)	(O)	-	-	-	(O)	-	-	-	-	(D)
2299	TEXTILE GOODS, NEC. . . . .	3	-	1	-	-	-	-	1	2	-	-	-	6
24	LUMBER AND WOOD PRODUCTS. . . . .	43	-	20	8	3	1	3	20	2	1	7	8	145
2411	LOGGING CAMPS, LOGGING CONTRACTORS. . . . .	(O)	(O)	(O)	-	-	-	-	(O)	-	-	-	-	(O)
242	SAWMILLS AND PLANING MILLS. . . . .	19	-	10	2	3	1	1	10	1	1	3	3	62
2421	SAWMILLS AND PLANING MILLS, GENERAL. . . . .	(O)	(D)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
2426	HARWOOD DIMENSION AND FLOORING. . . . .	(D)	(D)	(O)	-	-	-	-	-	-	-	-	-	(O)
243	MILLWORK, PLYWOOD, RELATED PROD. . . . .	8	-	5	3	-	-	1	2	-	3	2	2	54
2431	MILLWORK. . . . .	(O)	(D)	(O)	(O)	-	-	-	-	-	-	-	(D)	(D)
2432	VENEER AND PLYWOOD. . . . .	7	-	4	2	-	-	1	2	-	3	1	1	48
2433	PREFABRICATED WOOD STRUCTURES. . . . .	(O)	(O)	(O)	-	-	-	-	-	-	-	-	-	(O)
244	WOODEN CONTAINERS. . . . .	(O)	(O)	(O)	-	-	-	-	-	(O)	-	-	-	(D)
2441	NAILED WOODEN BOXES AND SHOOK. . . . .	(D)	(O)	(D)	-	-	-	-	-	-	-	-	-	(O)
2442	WIREBOUND BOXES AND CRATES. . . . .	(O)	(O)	(D)	-	-	-	-	-	(D)	-	-	-	(O)
249	MISCELLANEOUS WOOD PRODUCTS. . . . .	14	-	5	3	-	-	1	7	-	-	1	3	24
2491	WOOD PRESERVING. . . . .	5	-	3	2	-	-	-	2	-	-	-	-	8
2499	WOOD PRODUCTS, NEC. . . . .	9	-	2	1	-	-	1	5	-	-	1	3	16
25	FURNITURE AND FIXTURES. . . . .	10	-	6	1	-	1	-	2	5	1	2	2	45
251	HOUSEHOLD FURNITURE. . . . .	3	-	2	-	-	-	-	-	1	-	-	1	25
2511	WOOD HOUSEHOLD FURNITURE. . . . .	(O)	(D)	(D)	-	-	-	-	-	-	-	-	(O)	(O)
2512	UPHOLSTERED HOUSEHOLD FURNITURE. . . . .	(O)	(D)	(O)	-	-	-	-	-	-	-	-	-	(D)
2514	METAL HOUSEHOLD FURNITURE. . . . .	(O)	(D)	(O)	-	-	-	-	-	-	-	-	-	(D)
2515	MATTRESSES AND BEDSPRINGS. . . . .	(O)	(D)	(O)	-	-	-	-	-	(O)	-	-	-	(D)
2519	HOUSEHOLD FURNITURE, NEC. . . . .	(O)	(D)	(O)	-	-	-	-	-	-	-	-	-	(O)
252	OFFICE FURNITURE. . . . .	3	-	1	1	-	1	-	2	2	-	1	1	9
2522	METAL OFFICE FURNITURE. . . . .	3	-	1	1	-	1	-	2	2	-	1	1	9
2531	PUBLIC BUILDING FURNITURE. . . . .	(O)	(O)	(O)	(O)	-	-	-	-	-	-	-	-	(O)
254	PARTITIONS AND FIXTURES. . . . .	(D)	(D)	(O)	-	-	-	-	-	-	-	-	-	(D)
2542	METAL PARTITIONS AND FIXTURES. . . . .	(O)	(O)	(O)	-	-	-	-	-	-	-	-	-	(O)
259	MISC. FURNITURE AND FIXTURES. . . . .	(O)	(O)	(O)	-	-	-	-	-	(O)	(D)	(O)	-	(D)
2591	VENETIAN BLINDS AND SHADES. . . . .	(D)	(D)	(O)	-	-	-	-	-	(O)	(O)	(D)	-	(D)
2599	FURNITURE AND FIXTURES, NEC. . . . .	(D)	(D)	(O)	-	-	-	-	-	-	-	-	-	(D)
26	PAPER AND ALLIED PRODUCTS. . . . .	357	42	191	53	14	23	8	123	27	4	26	103	262
2611	PULPMILLS. . . . .	18	-	8	1	-	-	1	8	1	-	3	7	13
2621	PAPERMILLS, EXCEPT BUILDING PAPER. . . . .	159	20	92	21	6	9	4	50	12	-	11	38	90
2631	PAPERBOARD MILLS. . . . .	130	16	68	25	5	9	2	50	6	3	8	45	51
264	MISC. CONVERTED PAPER PRODUCTS. . . . .	20	2	8	1	-	-	-	7	4	-	-	5	56
2641	PAPER COATING AND GLAZING. . . . .	6	-	2	1	-	-	-	1	1	-	-	1	23
2642	ENVELOPES. . . . .	(D)	(O)	(D)	-	-	-	-	-	-	-	-	-	(D)
2643	BAGS, EXCEPT TEXTILE BAGS. . . . .	5	1	3	-	-	-	-	1	2	-	-	1	6
2644	WALLPAPER. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
2645	DIE-CUT PAPER AND BOARD. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
2646	PRESSED AND MOLDED PULP GOODS. . . . .	4	1	1	-	-	-	-	2	-	-	-	2	11
2647	SANITARY PAPER PRODUCTS. . . . .	4	-	1	-	-	-	-	3	1	-	-	1	6
2649	CONVERTED PAPER PRODUCTS, NEC. . . . .	-	-	-	-	-	-	-	-	-	-	-	-	5
265	PAPERBOARD CONTAINERS AND BOXES. . . . .	7	-	3	-	1	2	1	1	1	1	2	-	34
2651	FOLDING PAPERBOARD BOXES. . . . .	(D)	(O)	(D)	-	-	-	-	-	(D)	-	(D)	-	(D)
2653	CORRUGATED AND SOLID FIBER BOXES. . . . .	(O)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
2654	SANITARY FOOD CONTAINERS. . . . .	3	-	1	-	1	2	1	1	-	1	-	-	12
2655	FIBER CANS, DRUMS, RELATED MATERIAL. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
2661	BUILDING PAPER AND BOARD MILLS. . . . .	23	4	12	5	2	3	-	7	3	-	2	8	18
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	619	64	279	124	51	69	61	300	278	28	93	113	506
281	INDUSTRIAL CHEMICALS. . . . .	332	26	144	60	24	27	35	158	157	16	39	60	250
2812	ALKALIES AND CHLORINE. . . . .	20	1	9	4	2	1	5	8	6	2	5	3	11
2813	INDUSTRIAL GASES. . . . .	8	-	-	-	-	-	-	4	2	-	1	2	57
2815	CYCLIC INTERMEDIATES AND CRUDES. . . . .	46	6	23	8	1	7	4	17	29	2	5	10	16
2816	INORGANIC PIGMENTS. . . . .	16	1	11	5	1	2	8	8	9	2	1	4	8
2818	INDUSTRIAL ORGANIC CHEMICALS, NEC. . . . .	114	12	57	21	5	13	8	57	63	2	13	24	63
2819	INDUSTRIAL INORGANIC CHEMICALS, NEC. . . . .	128	6	44	22	15	6	16	64	48	8	14	17	95

See footnotes at end of table.



TABLE 8. Water Discharged, Water Treated Prior to Discharge and Number of Establishments Treating Water Prior to Discharge by Type of Treatment: 1968—Continued

## A. INDUSTRY GROUPS AND INDUSTRIES—Continued

Code	Industry group and industry	Water discharged (billion gallons)											
		Total	Treated prior to discharge by type of treatment										pH
			Total	Coagulation	Settling		Trickling filters	Activated sludge	Digestion	Ponds or lagoons	Sand filtration	Chlorination	Flotation
					Primary	Secondary							
282	PLASTICS MATERIALS AND SYNTHETICS.	581.8	141.5	14.3	60.2	29.4	8.6	12.0	2.0	59.7	45.9	24.5	9.9
2821	PLASTICS MATERIALS AND RESINS. . . . .	198.8	31.9	3.8	20.1	13.5	2.2	9.9	1.2	13.8	18.0	1.1	3.1
2822	SYNTHETIC RUBBER . . . . .	57.9	41.1	2.8	23.6	2.5	-	-	-	16.8	5.3	(2)	2.2
2823	CELLULOIDSIC MANMADE FIBERS. . . . .	176.4	34.8	-	15.8	12.3	-	-	-	21.0	11.7	6.0	3.2
2824	ORGANIC FIBERS, NONCELLULOIDSIC. . . . .	148.6	33.7	-	.7	1.1	.8	1.7	.2	8.1	11.0	17.3	1.4
283	DRUGS. . . . .	67.4	6.3	-	1.2	.8	.8	.5	-	2.5	4.0	.5	.4
2831	BIOLOGICAL PRODUCTS. . . . .	.6	.3	-	-	-	-	-	-	-	-	-	-
2833	MEDICINALS AND BOTANICALS. . . . .	39.3	3.4	-	-	-	-	-	-	-	2.7	-	-
2834	PHARMACEUTICAL PREPARATIONS. . . . .	27.5	2.6	-	.6	.8	-	.4	-	-	-	.4	-
284	SOAP, CLEANERS, AND TOILET GOODS . . . . .	30.3	.6	-	.4	-	-	-	-	-	.4	-	-
2841	SOAP AND OTHER DETERGENTS. . . . .	19.7	.4	-	-	-	-	-	-	-	.2	-	-
2842	POLISHES AND SANITATION GOODS. . . . .	.5	-	-	-	-	-	-	-	-	-	-	-
2843	SURFACE ACTIVE AGENTS. . . . .	9.5	.2	-	-	-	-	-	-	-	.1	-	-
2844	TOILET PREPARATIONS. . . . .	.7	(2)	-	-	-	-	-	-	-	-	-	-
2851	PAINTS AND ALLIED PRODUCTS . . . . .	6.5	.3	-	.2	-	-	-	-	-	-	-	-
2861	GUM AND WOOD CHEMICALS . . . . .	18.7	3.4	-	.7	-	-	-	-	3.2	-	-	-
287	AGRICULTURAL CHEMICALS . . . . .	113.9	29.9	-	10.1	.6	-	-	-	19.0	9.8	-	8.5
2871	FERTILIZERS. . . . .	97.4	28.2	-	9.2	-	-	-	-	17.7	8.4	-	7.3
2872	FERTILIZERS, MIXING ONLY. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-
2879	AGRICULTURAL CHEMICALS, NEC. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-
289	MISCELLANEOUS CHEMICAL PRODUCTS. . . . .	189.8	26.3	-	6.6	2.0	.3	-	.2	17.5	19.9	(2)	.7
2891	ADHESIVES AND GELATIN. . . . .	9.2	5.6	-	5.0	1.1	-	-	-	.5	.8	-	-
2892	EXPLOSIVES. . . . .	143.1	17.8	-	.8	.7	.3	-	.2	15.0	17.2	.4	-
2893	PRINTING INK. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
2895	CARBON BLACK. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	(D)	(Z)	-	-
2899	CHEMICAL PREPARATIONS, NEC. . . . .	28.0	2.4	-	.8	-	-	-	-	1.8	1.6	-	-
29	PETROLEUM AND COAL PRODUCTS. . . . .	1 217.0	917.7	19.5	683.2	379.2	7.0	7.3	2.5	364.2	77.5	.8	420.3
2911	PETROLEUM REFINING . . . . .	1 210.0	917.1	19.5	682.8	378.7	7.0	7.3	2.5	363.8	77.3	.6	420.3
295	PAVING AND ROOFING MATERIALS . . . . .	6.4	.6	-	.4	.4	-	-	-	-	-	-	-
2951	PAVING MIXTURES AND BLOCKS. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
2952	ASPHALT FELTS AND COATINGS. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
299	MISC. PETROLEUM AND COAL PRODUCTS. . . . .	.5	-	-	-	-	-	-	-	-	-	-	-
2992	LUBRICATING OILS AND GREASES. . . . .	.4	-	-	-	-	-	-	-	-	-	-	-
2999	PETROLEUM AND COAL PRODUCTS, NEC. . . . .	.1	-	-	-	-	-	-	-	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	128.4	7.3	.3	.9	.2	-	.1	.1	1.4	1.4	(2)	1.5
3011	TIRES AND INNER TUBES. . . . .	59.5	3.9	-	-	-	-	-	-	-	-	3.1	.2
3021	RUBBER FOOTWEAR. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
3031	RECLAIMED RUBBER. . . . .	(D)	-	(D)	(D)	-	-	-	-	-	-	-	-
3069	FABRICATED RUBBER PRODUCTS, NEC. . . . .	40.1	1.0	.2	.1	-	-	.1	-	.1	.2	.1	.4
3079	MISCELLANEOUS PLASTICS PRODUCTS. . . . .	26.0	1.6	-	.2	.1	-	-	(2)	.7	1.1	(2)	.2
31	LEATHER AND LEATHER PRODUCTS . . . . .	14.9	9.5	-	3.0	1.4	-	-	-	2.5	.6	-	2.7
3111	LEATHER TANNING AND FINISHING. . . . .	14.0	9.5	-	3.0	1.4	-	-	-	2.5	.6	-	2.7
3121	INDUSTRIAL LEATHER BELTING. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
314	FOOTWEAR, EXCEPT RUBBER. . . . .	.4	-	-	-	-	-	-	-	-	-	-	-
3141	SHOES, EXCEPT RUBBER. . . . .	.4	-	-	-	-	-	-	-	-	-	-	-
3161	LUGGAGE. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
317	HANDBAGS, PERSONAL LEATHER GOODS. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
3172	PERSONAL LEATHER GOODS. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	218.4	36.3	4.3	12.5	8.2	.5	.9	.6	11.4	4.1	(2)	14.9
3211	FLAT GLASS. . . . .	36.1	4.9	-	-	2.5	-	-	-	4.4	-	-	-
322	GLASS, GLASSWARE, PRESSE OR BLOWN. . . . .	14.0	4.0	.7	2.8	.7	-	.5	(2)	1.5	.8	-	.5
3221	GLASS CONTAINERS. . . . .	6.8	2.6	-	1.7	-	-	-	-	-	-	-	.3
3229	PRESSE AND BLOWN GLASS, NEC. . . . .	7.1	1.4	.7	1.1	.6	-	.5	-	-	.8	-	-
3231	PRODUCTS OF PURCHASED GLASS. . . . .	4.7	.6	-	-	-	-	-	-	-	.5	-	-
3241	CEMENT, HYDRAULIC. . . . .	99.4	1.9	.5	1.2	.2	.2	-	.2	.6	-	(2)	.4
325	STRUCTURAL CLAY PRODUCTS. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
3251	BRICK AND STRUCTURAL CLAY TILE. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
3253	CERAMIC WALL AND FLOOR TILE. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
3255	CLAY REFRACTORIES. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
3259	STRUCTURAL CLAY PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
326	POTTERY AND RELATED PRODUCTS. . . . .	2.0	.2	-	.2	-	-	-	-	-	-	-	-
3261	VITREOUS PLUMBING FIXTURES. . . . .	1.0	.1	-	.1	-	-	-	-	-	-	-	-
3262	VITREOUS CHINA FOOD UTENSILS. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
3263	FINE EARTHENWARE FOOD UTENSILS. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
3264	PORCELAIN ELECTRICAL SUPPLIES. . . . .	.4	.1	-	-	-	-	-	-	-	-	-	-
327	CONCRETE, GYPSUM, PLASTER PRODUCTS. . . . .	13.8	3.9	-	2.5	2.1	-	-	.1	1.8	-	-	-

See footnotes at end of table.

TABLE 8. Water Discharged, Water Treated Prior to Discharge and Number of Establishments Treating Water Prior to Discharge by Type of Treatment: 1968—Continued

## A. INDUSTRY GROUPS AND INDUSTRIES—Continued

Code	Industry group and industry	Number of establishments treating water prior to discharge by type of treatment												
		Total	Coagulation	Settling		Trickling filters	Activated sludge	Digestion	Ponds or lagoons	pH	Sand filtration	Chlorination	Flotation	Other
				Primary	Secondary									
282	PLASTICS MATERIALS AND SYNTHETICS . . . . .	137	29	78	38	14	23	19	83	58	2	31	28	56
2821	PLASTICS MATERIALS AND RESINS . . . . .	78	15	50	22	5	13	10	47	37	-	15	13	50
2822	SYNTHETIC RUBBER . . . . .	21	8	15	6	2	3	3	10	9	1	4	6	2
2823	CELLULOSIC MANMADE FIBERS . . . . .	16	3	6	5	2	1	2	8	5	-	6	5	2
2824	ORGANIC FIBERS, NONCELLULOSIC . . . . .	22	3	7	5	5	6	4	18	7	1	6	4	2
283	DRUGS . . . . .	29	1	8	8	5	11	-	7	10	4	10	5	46
2831	BIOLOGICAL PRODUCTS . . . . .	4	-	1	1	1	2	-	2	2	-	2	1	3
2833	MEDICINALS AND BOTANICALS . . . . .	9	-	3	-	1	3	-	3	5	1	1	1	7
2834	PHARMACEUTICAL PREPARATIONS . . . . .	16	1	4	7	3	6	-	2	3	3	7	3	36
284	SOAP, CLEANERS, AND TOILET GOODS . . . . .	17	2	5	2	-	3	1	2	11	-	2	1	48
2841	SOAP AND OTHER DETERGENTS . . . . .	7	1	2	1	-	2	-	2	4	-	-	-	20
2842	POLISHES AND SANITATION GOODS . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	7
2843	SURFACE ACTIVE AGENTS . . . . .	6	-	3	1	-	1	-	-	5	-	1	1	13
2844	TOILET PREPARATIONS . . . . .	4	1	-	-	-	-	1	-	2	-	1	-	8
2851	PAINTS AND ALLIED PRODUCTS . . . . .	8	2	6	1	-	-	-	2	2	-	-	1	24
2861	GUM AND WOOD CHEMICALS . . . . .	10	1	5	2	1	-	-	7	3	-	-	1	4
287	AGRICULTURAL CHEMICALS . . . . .	31	-	11	4	2	3	2	17	18	-	3	9	29
2871	FERTILIZERS . . . . .	21	-	9	3	-	1	1	11	11	-	1	7	21
2872	FERTILIZERS, MIXING ONLY . . . . .	(0)	(0)	(0)	-	-	-	-	(0)	-	-	1	-	(0)
2879	AGRICULTURAL CHEMICALS, NEC . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	-	(0)	(0)	(0)
289	MISCELLANEOUS CHEMICAL PRODUCTS . . . . .	55	3	22	9	5	2	4	24	19	6	8	8	49
2891	ADHESIVES AND GELATIN . . . . .	15	3	11	4	-	-	-	5	5	-	2	2	7
2892	EXPLOSIVES . . . . .	14	-	7	4	4	1	4	5	8	1	5	2	7
2893	PRINTING INK . . . . .	(0)	(0)	(0)	-	-	-	-	-	(0)	-	-	-	(0)
2895	CARBON BLACK . . . . .	(0)	(0)	(0)	-	(0)	-	-	(0)	-	(0)	-	(0)	(0)
2899	CHEMICAL PREPARATIONS, NEC . . . . .	18	-	4	1	-	1	-	8	5	1	1	3	21
29	PETROLEUM AND COAL PRODUCTS . . . . .	195	21	134	69	14	12	11	106	34	3	8	57	65
2911	PETROLEUM REFINING . . . . .	184	19	127	64	12	12	10	103	33	2	7	57	30
295	PAVING AND ROOFING MATERIALS . . . . .	8	-	5	4	1	-	1	3	1	-	1	-	29
2951	PAVING MIXTURES AND BLOCKS . . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	(0)
2952	ASPHALT FELTS AND COATINGS . . . . .	(0)	(0)	(0)	(0)	(0)	-	(0)	(0)	(0)	-	(0)	-	(0)
299	MISC. PETROLEUM AND COAL PRODUCTS . . . . .	3	2	2	1	1	-	-	-	-	1	-	-	6
2992	LUBRICATING OILS AND GREASES . . . . .	3	2	2	1	1	-	-	-	-	1	-	-	3
2999	PETROLEUM AND COAL PRODUCTS, NEC . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	3
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	73	7	17	9	1	10	11	16	10	7	14	16	228
3011	TIRES AND INNER TUBES . . . . .	16	-	1	1	-	3	3	3	2	-	5	5	37
3021	RUBBER FOOTWEAR . . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	(0)	-	(0)
3031	RECLAIMED RUBBER . . . . .	(0)	(0)	(0)	-	-	-	-	-	-	-	-	(0)	(0)
3069	FABRICATED RUBBER PRODUCTS, NEC . . . . .	27	5	9	3	1	4	3	5	4	3	5	6	81
3079	MISCELLANEOUS PLASTICS PRODUCTS . . . . .	27	2	5	4	-	3	5	8	4	4	2	4	101
31	LEATHER AND LEATHER PRODUCTS . . . . .	45	3	26	10	1	1	2	14	7	-	-	13	47
3111	LEATHER TANNING AND FINISHING . . . . .	45	3	26	10	1	1	2	14	7	-	-	13	30
3121	INDUSTRIAL LEATHER BELTING . . . . .	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-	(0)
314	FOOTWEAR, EXCEPT RUBBER . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	12
3141	SHOES, EXCEPT RUBBER . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	12
3161	LUGGAGE . . . . .	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-	(0)
317	HANDBAGS, PERSONAL LEATHER GOODS . . . . .	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-	(0)
3172	PERSONAL LEATHER GOODS . . . . .	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-	(0)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	206	24	89	44	16	20	31	68	31	8	26	42	380
3211	FLAT GLASS . . . . .	10	1	3	5	1	2	3	7	1	-	2	1	10
322	GLASS, GLASSWARE, PRESSED OR BLOWN . . . . .	42	9	17	7	1	7	4	6	12	1	2	9	61
3221	GLASS CONTAINERS . . . . .	22	1	5	1	-	1	3	3	-	-	-	6	38
3229	PRESSED AND BLOWN GLASS, NEC . . . . .	20	8	12	6	1	7	3	3	12	1	2	3	23
3231	PRODUCTS OF PURCHASED GLASS . . . . .	8	-	3	3	-	2	2	3	5	-	3	3	13
3241	CEMENT, HYDRAULIC . . . . .	43	4	12	4	7	3	11	8	2	3	6	14	99
325	STRUCTURAL CLAY PRODUCTS . . . . .	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-	(0)
3251	BRICK AND STRUCTURAL CLAY TILE . . . . .	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-	(0)
3253	CERAMIC WALL AND FLOOR TILE . . . . .	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-	(0)
3255	CLAY REFRACTORIES . . . . .	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-	(0)
3259	STRUCTURAL CLAY PRODUCTS, NEC . . . . .	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-	(0)
326	POTTERY AND RELATED PRODUCTS . . . . .	9	3	7	3	-	-	1	3	2	1	2	2	14
3261	VITREOUS PLUMBING FIXTURES . . . . .	4	3	4	1	-	-	1	2	1	1	2	-	4
3262	VITREOUS CHINA FOOD UTENSILS . . . . .	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-	(0)
3263	FINE EARTHENWARE FOOD UTENSILS . . . . .	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-	(0)
3264	PORCELAIN ELECTRICAL SUPPLIES . . . . .	5	-	3	2	-	-	-	1	1	-	-	2	5
327	CONCRETE, GYPSUM, PLASTER PRODUCTS . . . . .	34	2	15	4	3	3	6	12	1	1	3	3	80

See footnotes at end of table.



TABLE 8. Water Discharged, Water Treated Prior to Discharge and Number of Establishments Treating Water Prior to Discharge by Type of Treatment: 1968—Continued

## A. INDUSTRY GROUPS AND INDUSTRIES—Continued

Code	Industry group and industry	Water discharged (billion gallons)												
		Total	Treated prior to discharge by type of treatment											
			Total	Coagulation	Settling		Trickling filters	Activated sludge	Digestion	Ponds or lagoons	pH	Sand filtration	Chlorination	Flotation
					Primary	Secondary								
3271	CONCRETE BLOCK AND BRICK . . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
3272	CONCRETE PRODUCTS, NEC . . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
3273	READY-MIXED CONCRETE . . . . .	7.2	1.8	-	1.4	-	-	-	-	1.6	-	-	-	-
3274	LIME . . . . .	3.5	1.5	-	-	-	-	-	-	-	-	-	-	-
3275	GYPSUM PRODUCTS . . . . .	2.9	.5	-	.2	-	-	-	.1	.1	-	-	-	-
3281	CUT STONE AND STONE PRODUCTS . . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
329	MISC. NONMETALLIC MINERAL PRODUCTS	43.4	20.0	2.2	3.9	1.9	.1	-	.1	2.7	1.1	-	.9	13.1
3291	ABRASIVE PRODUCTS . . . . .	5.2	.3	-	-	-	-	-	-	-	-	-	-	-
3292	ASBESTOS PRODUCTS . . . . .	6.4	2.2	-	1.9	1.4	.1	-	-	1.6	.7	-	.6	-
3293	GASKETS AND INSULATIONS . . . . .	2.1	.4	-	-	-	-	-	-	.4	-	-	-	-
3295	MINERALS, GROUND OR TREATED . . . . .	21.4	12.6	-	-	-	-	-	-	.6	-	-	-	-
3296	MINERAL WOOL . . . . .	4.4	2.3	-	.2	-	-	-	-	.1	-	-	-	2.1
3297	NONCLAY REFRACTORIES . . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
3299	NONMETALLIC MINERAL PRODUCTS, NEC . . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	4 695.5	1 430.9	129.2	893.2	304.4	44.0	.7	11.8	362.8	98.5	106.4	47.7	254.1
331	BLAST FURNACE, BASIC STEEL PROO. . . . .	4 128.8	1 355.2	122.2	870.9	300.7	42.0	.4	10.1	329.2	93.4	105.1	44.6	241.0
3312	BLAST FURNACES AND STEEL MILLS . . . . .	3 811.1	1 300.8	122.1	829.5	260.3	2.0	.4	9.7	287.1	92.5	-	33.7	240.6
3313	ELECTROMETALLURGICAL PRODUCTS . . . . .	296.1	52.7	-	-	-	-	-	.1	41.6	-	-	-	-
3315	STEEL WIRE AND RELATED PRODUCTS . . . . .	7.1	1.0	-	.6	-	-	-	-	.4	.6	-	-	.2
3316	COLD FINISHING OF STEEL SHAPES . . . . .	7.8	.2	-	-	-	-	-	-	.1	(2)	-	-	-
3317	STEEL PIPE AND TUBES . . . . .	6.8	.7	-	.6	-	-	-	-	-	-	-	-	-
332	IRON AND STEEL FOUNDRIES . . . . .	39.0	14.0	.5	10.3	1.3	-	-	-	3.8	-	-	-	-
3321	GRAY IRON FOUNDRIES . . . . .	27.7	10.6	-	9.3	-	-	-	-	1.7	-	-	-	-
3322	MALLEABLE IRON FOUNDRIES . . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
3323	STEEL FOUNDRIES . . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
333	PRIMARY NONFERROUS METALS . . . . .	412.1	36.7	-	5.0	.4	1.4	-	.6	25.4	2.6	-	2.4	.2
3331	PRIMARY COPPER . . . . .	37.3	11.9	-	-	-	-	-	-	8.8	-	-	-	-
3332	PRIMARY LEAD . . . . .	6.7	-	-	-	-	-	-	-	-	-	-	-	-
3333	PRIMARY ZINC . . . . .	44.1	3.9	-	-	-	-	-	-	-	-	-	-	-
3334	PRIMARY ALUMINUM . . . . .	199.9	18.3	-	2.1	-	1.3	-	.6	10.5	-	-	1.4	-
3339	PRIMARY NONFERROUS METALS, NEC . . . . .	124.1	.4	-	-	-	-	-	-	-	-	-	-	-
3341	SECONDARY NONFERROUS METALS . . . . .	1.5	.7	-	1.8	.7	-	-	-	-	-	-	-	-
335	NONFERROUS ROLLING AND DRAWING . . . . .	91.6	22.7	1.6	4.7	1.0	.5	-	1.0	4.0	2.2	-	.6	11.6
3351	COPPER ROLLING AND DRAWING . . . . .	37.3	8.1	-	1.1	-	-	-	-	2.1	1.0	-	-	3.8
3352	ALUMINUM ROLLING AND DRAWING . . . . .	30.5	13.7	-	3.0	.6	-	-	1.0	1.8	.8	-	-	-
3356	NONFERROUS ROLLING AND DRAWING, NEC . . . . .	9.3	.6	-	.4	-	-	-	-	.4	-	-	-	-
3357	NONFERROUS WIREDRAWING, INSULATING . . . . .	14.5	.4	-	.3	-	-	-	-	-	-	-	-	-
336	NONFERROUS FOUNDRIES . . . . .	10.8	1.0	-	.3	-	-	-	-	-	-	-	-	.6
3361	ALUMINUM CASTINGS . . . . .	8.4	.2	-	-	-	-	-	-	-	-	-	-	-
3362	BRASS, BRONZE, AND COPPER CASTINGS . . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
3369	NONFERROUS CASTINGS, NEC . . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	(0)
339	MISC. PRIMARY METAL PRODUCTS . . . . .	11.6	.6	-	.2	-	-	-	-	-	.1	-	-	-
3391	IRON AND STEEL FORGINGS . . . . .	5.9	.4	-	-	-	-	-	-	-	-	-	-	-
3392	NONFERROUS FORGINGS . . . . .	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-	-
3399	PRIMARY METAL PRODUCTS, NEC . . . . .	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . . . .	65.0	9.0	1.8	2.8	2.4	-	-	.4	2.3	454.9	-	.8	1.8
3411	METAL CANS . . . . .	1.8	-	-	-	-	-	-	-	-	-	-	-	-
342	CUTLERY, HANDTOOLS, AND HARDWARE . . . . .	16.0	2.3	1.5	1.4	1.5	-	-	-	.4	1.8	-	-	-
3421	CUTLERY . . . . .	5.6	.4	-	-	-	-	-	-	-	-	-	-	-
3423	HAND AND EDGE TOOLS, NEC . . . . .	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-	-
3425	HANDSAWS AND SAW BLADES . . . . .	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-	-
3429	HARDWARE, NEC . . . . .	8.7	1.8	1.5	1.4	1.5	-	-	-	-	1.7	-	-	-
343	PLUMBING AND HEATING EXC. ELECTRIC . . . . .	4.2	.5	-	-	-	-	-	-	-	-	-	-	-
3431	METAL SANITARY WARE . . . . .	2.1	.2	-	-	-	-	-	-	-	-	-	-	-
3432	PLUMBING FITTINGS AND BRASS GOODS . . . . .	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-	-
3433	HEATING EQUIPMENT, EXCEPT ELECTRIC . . . . .	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-	-
344	FABRICATED STRUCTURAL METAL PROO. . . . .	6.1	.6	-	-	-	-	-	-	.1	(2)	-	-	.2
3441	FABRICATED STRUCTURAL STEEL . . . . .	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-	-
3442	METAL DOORS, SASH, AND TRIM . . . . .	1.3	.3	-	-	-	-	-	-	-	-	-	-	-
3443	FABRICATED PLATEWORK (BOILER SHOPS) . . . . .	2.3	.1	-	-	-	-	-	-	-	-	-	-	-
3444	SHEET METALWORK . . . . .	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-	-
3446	ARCHITECTURAL METALWORK . . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
3449	MISCELLANEOUS METALWORK . . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
345	SCREW MACHINE PRODUCTS, BOLTS, ETC . . . . .	5.3	.8	-	.4	-	-	-	-	-	.4	-	.1	-
3451	SCREW MACHINE PRODUCTS . . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
3452	BOLTS, NUTS, RIVETS, AND WASHERS . . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	(0)	-	(0)	-
3461	METAL STAMPINGS . . . . .	13.6	1.3	.1	.2	-	-	-	-	.7	.8	-	-	.2
347	METAL SERVICES, NEC . . . . .	8.0	2.0	-	.3	.2	-	-	(2)	.3	451.5	-	.3	.5
3471	PLATING AND POLISHING . . . . .	(0)	(0)	(0)	(0)	(0)	-	-	(2)	(0)	(0)	-	(0)	(0)
3479	METAL COATING AND ALLIED SERVICES . . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
3481	MISC. FABRICATED WIRE PRODUCTS . . . . .	1.3	.1	-	-	-	-	-	-	-	-	-	-	-
349	MISC. FABRICATED METAL PRODUCTS . . . . .	8.7	1.3	-	(2)	.1	-	-	-	.7	.3	-	-	.1
3491	METAL BARRELS, DRUMS, AND PAILS . . . . .	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-	-
3492	SAFES AND VAULTS . . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
3493	STEEL SPRINGS . . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
3494	VALVES AND PIPE FITTINGS . . . . .	4.3	.8	-	-	-	-	-	-	.6	-	-	-	-
3496	COLLAPSIBLE TUBES . . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-

See footnotes at end of table.



TABLE 8. Water Discharged, Water Treated Prior to Discharge and Number of Establishments Treating Water Prior to Discharge by Type of Treatment: 1968—Continued

## A. INDUSTRY GROUPS AND INDUSTRIES—Continued

Code	Industry group and industry	Number of establishments treating water prior to discharge by type of treatment												
		Total	Coagulation	Settling		Trickling filters	Activated sludge	Digestion	Ponds or lagoons	pH	Sand filtration	Chlorination	Flotation	Other
				Primary	Secondary									
3271	CONCRETE BLOCK AND BRICK . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-	-	(D)
3272	CONCRETE PRODUCTS, NEC . . . . .	(D)	(D)	-	-	-	-	(D)	(D)	-	-	-	-	(D)
3273	READY-MIXED CONCRETE . . . . .	8	1	4	3	-	-	-	5	-	-	-	1	34
3274	LIME . . . . .	6	-	3	1	-	1	-	2	1	-	-	1	17
3275	GYPSUM PRODUCTS. . . . .	18	1	8	-	3	2	5	4	-	1	3	1	25
3281	CUT STONE AND STONE PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	(D)	-	-	-	(D)	(D)
329	MISC. NONMETALLIC MINERAL PRODUCTS	54	4	29	17	4	3	4	27	8	2	8	9	79
3291	ABRASIVE PRODUCTS. . . . .	4	-	2	-	-	-	-	1	-	-	1	1	16
3292	ASBESTOS PRODUCTS. . . . .	20	1	17	11	4	2	1	9	4	1	5	-	20
3293	GASKETS AND INSULATIONS. . . . .	5	-	3	2	-	-	-	4	2	-	2	-	8
3295	MINERALS, GROUND OR TREATED. . . . .	9	-	2	-	-	-	-	7	-	-	-	3	10
3296	MINERAL WOOL . . . . .	12	2	4	3	-	1	2	5	-	1	-	4	16
3297	NONCLAY REFRACTORIES . . . . .	(D)	(D)	(D)	-	-	-	(D)	-	-	-	-	-	(D)
3299	NONMETALLIC MINERAL PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	-	-	-	(D)	(D)	-	-	(D)	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	322	40	165	64	24	13	50	90	79	10	39	79	519
331	BLAST FURNACE, BASIC STEEL PROD. . . . .	155	26	91	34	9	7	21	49	39	4	18	47	153
3312	BLAST FURNACES AND STEEL MILLS . . . . .	109	23	71	25	6	5	11	34	19	3	11	29	90
3313	ELECTROMETALLURGICAL PRODUCTS. . . . .	11	-	3	3	1	2	5	6	3	-	3	3	9
3315	STEEL WIRE AND RELATED PRODUCTS. . . . .	19	3	10	3	1	-	1	5	9	1	2	10	23
3316	COLD FINISHING OF STEEL SHAPES . . . . .	9	-	2	1	-	-	2	4	5	-	-	3	15
3317	STEEL PIPE AND TUBES . . . . .	7	-	5	2	1	-	2	-	3	-	2	2	16
332	IRON AND STEEL FOUNDRIES . . . . .	28	5	21	4	-	-	-	7	-	2	1	3	108
3321	GRAY IRON FOUNDRIES. . . . .	14	1	12	2	-	-	-	4	-	2	1	1	54
3322	MALLEABLE IRON FOUNDRIES . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	-	(D)
3323	STEEL FOUNDRIES. . . . .	(D)	(D)	(D)	(D)	-	-	-	(D)	-	-	-	(D)	(D)
333	PRIMARY NONFERROUS METALS. . . . .	43	3	17	6	7	3	15	18	8	2	10	7	35
3331	PRIMARY COPPER . . . . .	9	2	2	3	1	-	1	4	1	-	2	3	11
3332	PRIMARY LEAD . . . . .	3	-	2	-	-	-	-	1	-	-	-	1	4
3333	PRIMARY ZINC . . . . .	6	-	2	1	1	-	3	3	2	-	1	1	8
3334	PRIMARY ALUMINUM . . . . .	20	1	9	2	5	3	9	8	2	2	7	1	4
3339	PRIMARY NONFERROUS METALS, NEC. . . . .	5	-	2	-	-	-	2	2	3	-	-	1	8
3341	SECONDARY NONFERROUS METALS. . . . .	6	-	5	4	-	-	-	1	-	-	-	-	14
335	NONFERROUS ROLLING AND DRAWING . . . . .	66	5	23	11	6	2	11	10	26	2	6	14	104
3351	COPPER ROLLING AND DRAWING . . . . .	23	3	6	1	2	-	1	4	10	1	1	6	27
3352	ALUMINUM ROLLING AND DRAWING . . . . .	25	2	8	5	3	-	8	4	9	-	3	3	16
3356	NONFERROUS ROLLING AND DRAWING, NEC. . . . .	7	-	5	2	-	-	1	1	6	1	-	2	8
3357	NONFERROUS WIREDRAWING, INSULATING . . . . .	11	-	4	3	1	2	1	1	1	-	2	3	53
336	NONFERROUS FOUNDRIES . . . . .	13	-	4	3	1	-	2	2	2	-	1	7	39
3361	ALUMINUM CASTINGS. . . . .	5	-	3	2	-	-	1	1	-	-	-	3	26
3362	BRASS, BRONZE, AND COPPER CASTINGS . . . . .	(D)	(D)	(D)	-	-	-	(D)	(D)	-	-	-	-	(D)
3369	NONFERROUS CASTINGS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	-	(D)	(D)	(D)	-	(D)	(D)	(D)
339	MISC. PRIMARY METAL PRODUCTS . . . . .	11	1	4	2	1	1	1	3	4	-	3	1	66
3391	IRON AND STEEL FORGINGS. . . . .	5	1	1	-	-	-	-	2	1	-	-	-	29
3392	NONFERROUS FORGINGS. . . . .	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	-	(D)	-	(D)
3399	PRIMARY METAL PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	-	(D)	(D)	-	(D)	-	(D)	(D)	(D)
34	FABRICATED METAL PRODUCTS. . . . .	152	15	44	28	2	3	9	33	73	-	28	33	417
3411	METAL CANS . . . . .	3	1	-	-	-	-	-	-	-	-	1	1	25
342	CUTLERY, HANDTOOLS, AND HARDWARE . . . . .	22	6	11	9	-	-	-	5	14	-	2	3	54
3421	CUTLERY. . . . .	4	-	2	-	-	-	-	2	2	-	1	1	3
3423	HAND AND EDGE TOOLS, NEC. . . . .	(D)	(D)	(D)	(D)	-	-	-	(D)	(D)	-	-	-	(D)
3425	HANDSAWS AND SAW BLADES. . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-	-	(D)
3429	HARDWARE, NEC. . . . .	15	6	8	6	-	-	-	1	10	-	1	2	32
343	PLUMBING AND HEATING EXC. ELECTRIC . . . . .	10	-	3	1	-	-	-	2	2	-	2	3	28
3431	METAL SANITARY WARE. . . . .	4	-	1	-	-	-	-	1	-	-	1	1	9
3432	PLUMBING FITTINGS AND BRASS GOODS. . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	(D)	(D)	(D)
3433	HEATING EQUIPMENT, EXCEPT ELECTRIC . . . . .	(D)	(D)	(D)	(D)	-	-	-	(D)	(D)	-	(D)	(D)	(D)
344	FABRICATED STRUCTURAL METAL PROD.. . . .	14	-	3	3	1	1	2	4	4	-	2	4	47
3441	FABRICATED STRUCTURAL STEEL. . . . .	(D)	(D)	(D)	-	-	-	-	-	(D)	-	-	-	(D)
3442	METAL DOORS, SASH, AND TRIM. . . . .	5	-	1	-	-	-	-	1	1	-	-	2	8
3443	FABRICATED PLATEWORK (BOILER SHOPS). . . . .	4	-	1	2	1	1	1	1	-	-	1	1	18
3444	SHEET METALWORK. . . . .	(D)	(D)	(D)	-	-	-	(D)	-	(D)	-	(D)	(D)	(D)
3446	ARCHITECTURAL METALWORK. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
3449	MISCELLANEOUS METALWORK. . . . .	(D)	(D)	(D)	(D)	-	-	-	(D)	(D)	-	-	-	(D)
345	SCREW MACHINE PRODUCTS, BOLTS, ETC . . . . .	14	1	5	3	-	1	-	1	8	-	4	2	35
3451	SCREW MACHINE PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	(D)	-	-	-	(D)
3452	BOLTS, NUTS, RIVETS, AND WASHERS . . . . .	(D)	(D)	(D)	(D)	-	(D)	-	(D)	(D)	-	(D)	(D)	(D)
3461	METAL STAMPINGS. . . . .	24	5	6	2	1	-	1	5	11	-	2	5	63
347	METAL SERVICES, NEC. . . . .	38	-	10	6	-	-	4	7	27	-	12	9	80
3471	PLATING AND POLISHING. . . . .	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)	-	(D)	(D)	(D)
3479	METAL COATING AND ALLIED SERVICES. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	(D)	-	-	(D)	(D)
3481	MISC. FABRICATED WIRE PRODUCTS . . . . .	4	1	2	-	-	-	-	-	3	-	1	1	16
349	MISC. FABRICATED METAL PRODUCTS. . . . .	23	1	4	4	-	1	2	9	4	-	2	5	69
3491	METAL BARRELS, DRUMS, AND PAILS. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	(D)	-	(D)
3492	SAVES AND VAULTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
3493	STEEL SPRINGS. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	(D)
3494	VALVES AND PIPE FITTINGS . . . . .	12	1	1	2	-	-	1	6	2	-	-	3	28
3496	COLLAPSIBLE TUBES. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)

See footnotes at end of table.

TABLE 8. Water Discharged, Water Treated Prior to Discharge and Number of Establishments Treating Water Prior to Discharge by Type of Treatment: 1968—Continued

## A. INDUSTRY GROUPS AND INDUSTRIES—Continued

Code	Industry group and industry	Water discharged (billion gallons)												
		Total	Treated prior to discharge by type of treatment											
			Total	Coagu- lation	Settling		Trickling filters	Activated sludge	Digestion	Ponds or lagoons	pH	Sand filtration	Chlorina- tion	Flotation
Primary	Secondary													
3497	METAL FOIL AND LEAF. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
3498	FABRICATED PIPE AND FITTINGS. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
3499	FABRICATED METAL PRODUCTS, NEC. . . . .	1.4	.2	-	-	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	180.8	24.5	1.3	6.4	1.7	.5	.1	.2	14.7	1.5	.2	.4	3.6
351	ENGINES AND TURBINES. . . . .	85.1	3.1	-	1.3	1.2	-	-	-	-	.5	-	-	2.4
3511	STEAM ENGINES AND TURBINES. . . . .	74.8	1.3	-	-	-	-	-	-	-	-	-	-	-
3519	INTERNAL COMBUSTION ENGINES, NEC. . . . .	10.2	1.8	-	-	-	-	-	-	-	.5	-	-	-
3522	FARM MACHINERY. . . . .	30.3	13.0	-	-	-	-	-	-	12.9	-	-	-	-
353	CONSTRUCTION AND RELATED MACHINERY. . . . .	20.4	5.1	.1	3.4	-	-	-	-	-	.1	-	-	-
3531	CONSTRUCTION MACHINERY. . . . .	15.1	5.0	-	3.3	-	-	-	-	-	.1	-	-	-
3532	MINING MACHINERY. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
3533	OILFIELD MACHINERY. . . . .	1.4	-	-	-	-	-	-	-	-	-	-	-	-
3534	ELEVATORS AND MOVING STAIRWAYS. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
3535	CONVEYORS AND CONVEYING EQUIPMENT. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
3536	HOISTS, CRANES, AND MONORAILS. . . . .	2.5	-	-	-	-	-	-	-	-	-	-	-	-
3537	INDUSTRIAL TRUCKS AND TRACTORS. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
354	METALWORKING MACHINERY. . . . .	6.4	.2	-	-	-	-	-	-	-	-	-	-	-
3541	MACHINE TOOLS, METAL-CUTTING TYPES. . . . .	3.3	.1	-	-	-	-	-	-	-	-	-	-	-
3542	MACHINE TOOLS, METAL-FORMING TYPES. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
3544	SPECIAL DIES, TOOLS, JIGS, FIXTURES. . . . .	.7	-	-	-	-	-	-	-	-	-	-	-	-
3548	MACHINE TOOL ACCESSORIES. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
3548	METALWORKING MACHINERY, NEC. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
355	SPECIAL INDUSTRY MACHINERY. . . . .	4.3	.7	-	-	-	-	-	-	-	-	-	-	-
3551	FOOD PRODUCTS MACHINERY. . . . .	.2	-	-	-	-	-	-	-	-	-	-	-	-
3552	TEXTILE MACHINERY. . . . .	2.3	-	-	-	-	-	-	-	-	-	-	-	-
3553	WOODWORKING MACHINERY. . . . .	.3	.1	-	-	-	-	-	-	-	-	-	-	-
3554	PAPER INDUSTRIES MACHINERY. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
3555	PRINTING TRADES MACHINERY. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
3559	SPECIAL INDUSTRY MACHINERY, NEC. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
356	GENERAL INDUSTRIAL MACHINERY. . . . .	11.6	.9	.1	.5	-	-	-	-	.2	.2	-	-	.4
3561	PUMPS AND COMPRESSORS. . . . .	2.8	.2	-	.1	-	-	-	-	-	-	-	-	-
3562	BALL AND ROLLER BEARINGS. . . . .	5.1	.6	.1	.3	-	-	-	-	.2	.2	-	-	.3
3564	BLOWERS AND FANS. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
3566	POWER TRANSMISSION EQUIPMENT. . . . .	2.6	.1	-	-	-	-	-	-	-	-	-	-	-
3567	INDUSTRIAL FURNACES AND OVENS. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
3569	GENERAL INDUSTRIAL MACHINERY, NEC. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
357	OFFICE AND COMPUTING MACHINES. . . . .	13.1	.7	-	.4	.1	-	-	-	(Z)	.2	-	-	(Z)
3572	TYPEWRITERS. . . . .	2.0	.1	-	-	-	-	-	-	-	-	-	-	-
3573	ELECTRONIC COMPUTING EQUIPMENT. . . . .	10.3	.5	-	.4	-	-	-	-	(Z)	.1	-	-	-
3574	CALCULATING AND ACCOUNTING MACHINES. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
3576	SCALES AND BALANCES. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
3579	OFFICE MACHINES, NEC. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
358	SERVICE INDUSTRY MACHINES. . . . .	6.2	.4	-	.2	-	-	-	-	-	.2	-	-	-
3581	AUTOMATIC MERCHANDISING MACHINES. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
3582	COMMERCIAL LAUNDRY EQUIPMENT. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
3585	REFRIGERATION MACHINERY. . . . .	5.5	.3	-	-	-	-	-	-	-	.2	-	-	-
3586	MEASURING AND DISPENSING PUMPS. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
3589	SERVICE INDUSTRY MACHINES, NEC. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
3599	MISC. MACHINERY, EXCEPT ELECTRICAL. . . . .	3.4	.4	-	-	-	-	-	-	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	118.4	27.5	1.7	16.0	5.9	.7	.6	.6	8.5	11.8	.4	2.6	5.4
361	ELECTRIC TEST, DISTRIBUTING EQUIP. . . . .	9.9	1.6	-	.6	-	-	-	-	.5	.7	-	.2	.2
3611	ELECTRIC MEASURING INSTRUMENTS. . . . .	1.7	.5	-	-	-	-	-	-	-	-	-	.1	-
3612	TRANSFORMERS. . . . .	4.3	.4	-	-	-	-	-	-	-	-	-	-	-
3613	SWITCHGEAR AND SWITCHBOARD APPARATUS. . . . .	4.0	.7	-	-	-	-	-	-	-	.5	-	-	-
362	ELECTRICAL INDUSTRIAL APPARATUS. . . . .	17.4	4.0	.1	3.6	3.3	-	-	-	.1	.3	-	.1	3.2
3621	MOTORS AND GENERATORS. . . . .	10.3	3.2	-	3.2	-	-	-	-	-	-	-	-	3.0
3622	INDUSTRIAL CONTROLS. . . . .	2.5	.2	-	-	-	-	-	-	-	-	-	-	-
3623	WELDING APPARATUS. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
3624	CARBON AND GRAPHITE PRODUCTS. . . . .	2.9	.4	-	.4	-	-	-	-	-	-	-	-	-
3629	ELECTRICAL INDUSTRIAL APPARATUS, NEC. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
363	HOUSEHOLD APPLIANCES. . . . .	24.0	9.5	.7	7.5	.6	-	-	-	6.7	2.2	-	.8	.1
3631	HOUSEHOLD COOKING EQUIPMENT. . . . .	.8	.3	-	-	-	-	-	-	-	-	-	-	-
3632	HOUSEHOLD REFRIGERATORS AND FREEZERS. . . . .	12.7	7.1	-	-	-	-	-	-	-	-	-	-	-
3633	HOUSEHOLD LAUNDRY EQUIPMENT. . . . .	3.1	1.0	-	-	-	-	-	-	-	.6	-	-	-
3634	ELECTRIC HOUSEWARES AND FANS. . . . .	3.9	.6	-	.4	-	-	-	-	-	.4	-	-	-
3635	HOUSEHOLD VACUUM CLEANERS. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
3636	SEWING MACHINES. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
3639	HOUSEHOLD APPLIANCES, NEC. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
364	ELECT. LIGHTING, AND WIRING EQUIP. . . . .	7.3	1.0	-	.4	.1	-	-	-	-	.9	-	.2	.1
3641	ELECTRIC LAMPS. . . . .	1.5	.1	-	-	-	-	-	-	-	.1	-	-	-
3642	LIGHTING FIXTURES. . . . .	2.4	.4	-	.3	-	-	-	-	-	.7	-	(Z)	-
3643	CURRENT-CARRYING WIRING DEVICES. . . . .	1.7	.2	-	-	-	-	-	-	-	.1	-	-	-
3644	NONCURRENT-CARRYING WIRING DEVICES. . . . .	1.8	.3	-	-	-	-	-	-	-	-	-	-	-
365	RADIO AND TV RECEIVING EQUIPMENT. . . . .	3.9	.6	-	-	-	-	-	-	-	.3	-	-	-
3651	RADIO AND TV RECEIVING SETS. . . . .	2.5	-	-	-	-	-	-	-	-	-	-	-	-
3652	PHONOGRAPH RECORDS. . . . .	1.3	-	-	-	-	-	-	-	-	-	-	-	-
366	COMMUNICATION EQUIPMENT. . . . .	21.0	3.0	-	1.8	.6	.2	.1	.3	.4	1.6	-	.5	.7
3661	TELEPHONE AND TELEGRAPH APPARATUS. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	(D)	-	-	(D)
3662	RADIO AND TV COMMUNICATION EQUIPMENT. . . . .	(D)	(D)	(D)	(D)	(D)	-	(D)	(D)	(D)	(D)	-	(D)	(D)
367	ELECTRONIC COMPONENTS, ACCESSORIES. . . . .	19.4	6.7	.2	1.9	1.0	.4	.3	-	.6	5.0	-	.7	.4

See footnotes at end of table.



TABLE 8. Water Discharged, Water Treated Prior to Discharge and Number of Establishments Treating Water Prior to Discharge by Type of Treatment: 1968—Continued

## A. INDUSTRY GROUPS AND INDUSTRIES—Continued

		Number of establishments treating water prior to discharge by type of treatment												
Code	Industry group and industry	Total	Coagulation	Settling		Trickling filters	Activated sludge	Digestion	Ponds or lagoons	pH	Sand filtration	Chlorination	Flotation	Other
				Primary	Secondary									
3497	METAL FOIL AND LEAF. . . . .	(D)	(D)	(D)	-	-	(D)	-	-	(D)	-	-	-	(D)
3498	FABRICATED PIPE AND FITTINGS. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
3499	FABRICATED METAL PRODUCTS, NEC. . . . .	6	-	2	1	-	-	1	3	1	-	1	2	15
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	124	18	51	21	8	5	7	30	47	4	14	29	347
351	ENGINES AND TURBINES. . . . .	14	3	5	4	2	-	-	1	6	-	3	5	23
3511	STEAM ENGINES AND TURBINES. . . . .	5	1	3	2	1	-	-	-	2	-	-	2	6
3519	INTERNAL COMBUSTION ENGINES, NEC. . . . .	9	2	2	2	1	-	-	1	4	-	3	3	17
3522	FARM MACHINERY. . . . .	14	-	3	1	-	1	-	8	2	1	-	3	23
353	CONSTRUCTION AND RELATED MACHINERY. . . . .	17	4	10	1	-	1	1	2	5	-	3	1	57
3531	CONSTRUCTION MACHINERY. . . . .	13	3	7	-	-	-	1	1	4	-	1	1	23
3532	MINING MACHINERY. . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	-	(D)
3533	OILFIELD MACHINERY. . . . .	-	-	-	-	-	-	-	-	-	-	-	-	11
3534	ELEVATORS AND MOVING STAIRWAYS. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	(D)	-	-
3535	CONVEYORS AND CONVEYING EQUIPMENT. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	(D)	-	(D)
3536	HOISTS, CRANES, AND MONORAILS. . . . .	-	-	-	-	-	-	-	-	-	-	-	-	4
3537	INDUSTRIAL TRUCKS AND TRACTORS. . . . .	(D)	(D)	(D)	(D)	-	(D)	-	-	(D)	-	(D)	-	(D)
354	METALWORKING MACHINERY. . . . .	9	-	3	2	1	-	2	3	3	1	3	2	60
3541	MACHINE TOOLS, METAL-CUTTING TYPES. . . . .	4	-	1	1	-	-	1	1	2	1	1	1	21
3542	MACHINE TOOLS, METAL-FORMING TYPES. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	(D)
3544	SPECIAL DIES, TOOLS, JIGS, FIXTURES. . . . .	-	-	-	-	-	-	-	-	-	-	-	-	9
3545	MACHINE TOOL ACCESSORIES. . . . .	(D)	(D)	(D)	(D)	(D)	-	(D)	(D)	(D)	-	-	(D)	(D)
3548	METALWORKING MACHINERY, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	-	(D)	(D)	(D)	-	(D)	-	(D)
355	SPECIAL INDUSTRY MACHINERY. . . . .	8	1	3	2	2	1	-	3	1	1	-	2	31
3551	FOOD PRODUCTS MACHINERY. . . . .	-	-	-	-	-	-	-	-	-	-	-	-	4
3552	TEXTILE MACHINERY. . . . .	3	-	3	1	1	-	-	2	1	-	-	1	6
3553	WOODWORKING MACHINERY. . . . .	4	1	1	1	1	1	-	-	-	1	-	1	-
3554	PAPER INDUSTRIES MACHINERY. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
3555	PRINTING TRADES MACHINERY. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
3559	SPECIAL INDUSTRY MACHINERY, NEC. . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	-	(D)
356	GENERAL INDUSTRIAL MACHINERY. . . . .	29	5	15	3	2	2	3	6	9	1	1	7	67
3561	PUMPS AND COMPRESSORS. . . . .	6	-	4	-	-	-	-	2	1	-	-	1	26
3562	BALL AND ROLLER BEARINGS. . . . .	14	4	8	1	1	2	2	4	6	1	1	4	18
3564	BLOWERS AND FANS. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
3566	POWER TRANSMISSION EQUIPMENT. . . . .	6	1	3	2	1	-	1	-	-	-	-	1	13
3567	INDUSTRIAL FURNACES AND OVENS. . . . .	(D)	(D)	(D)	-	-	-	-	-	(D)	-	-	-	(D)
3569	GENERAL INDUSTRIAL MACHINERY, NEC. . . . .	(D)	(D)	(D)	-	-	-	-	-	(D)	-	-	(D)	(D)
357	OFFICE AND COMPUTING MACHINES. . . . .	19	2	7	4	1	-	1	5	13	-	2	4	24
3572	TYPEWRITERS. . . . .	4	-	3	2	-	-	-	1	2	-	-	1	4
3573	ELECTRONIC COMPUTING EQUIPMENT. . . . .	14	2	4	2	1	-	1	4	10	-	2	3	8
3574	CALCULATING AND ACCOUNTING MACHINES. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	(D)
3576	SCALES AND BALANCES. . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	(D)
3579	OFFICE MACHINES, NEC. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	(D)
358	SERVICE INDUSTRY MACHINES. . . . .	10	3	4	3	-	-	-	2	6	-	1	3	40
3581	AUTOMATIC MERCHANDISING MACHINES. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
3582	COMMERCIAL LAUNDRY EQUIPMENT. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
3585	REFRIGERATION MACHINERY. . . . .	8	3	3	3	-	-	-	2	6	-	1	2	24
3586	MEASURING AND DISPENSING PUMPS. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
3589	SERVICE INDUSTRY MACHINES, NEC. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	(D)	(D)
3599	MISC. MACHINERY, EXCEPT ELECTRICAL. . . . .	4	-	1	1	-	-	-	-	2	-	1	2	22
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	250	22	80	32	14	15	18	33	147	10	56	57	312
361	ELECTRIC TEST, DISTRIBUTING EQUIP. . . . .	24	1	8	-	2	2	2	7	8	2	8	5	29
3611	ELECTRIC MEASURING INSTRUMENTS. . . . .	8	1	2	-	-	2	1	2	2	1	4	2	7
3612	TRANSFORMERS. . . . .	5	-	3	-	-	-	1	2	-	-	1	1	11
3613	SWITCHGEAR AND SWITCHBOARD APPARATUS. . . . .	11	-	3	-	2	-	-	3	6	1	3	2	11
362	ELECTRICAL INDUSTRIAL APPARATUS. . . . .	26	4	16	6	2	-	1	5	9	3	7	8	50
3621	MOTORS AND GENERATORS. . . . .	9	1	6	2	2	-	-	2	2	2	2	4	27
3622	INDUSTRIAL CONTROLS. . . . .	4	-	1	-	-	-	-	-	2	-	2	1	9
3623	WELDING APPARATUS. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	(D)	-	-	(D)	(D)
3624	CARBON AND GRAPHITE PRODUCTS. . . . .	8	3	8	3	-	-	1	2	2	1	2	2	7
3629	ELECTRICAL INDUSTRIAL APPARATUS, NEC. . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	(D)	-	(D)
363	HOUSEHOLD APPLIANCES. . . . .	33	5	12	5	1	-	3	7	21	1	5	5	34
3631	HOUSEHOLD COOKING EQUIPMENT. . . . .	6	-	1	1	1	-	-	-	3	-	1	2	2
3632	HOUSEHOLD REFRIGERATORS AND FREEZERS. . . . .	6	-	2	-	-	-	1	1	3	-	1	1	5
3633	HOUSEHOLD LAUNDRY EQUIPMENT. . . . .	7	2	3	1	-	-	-	2	5	-	1	1	4
3634	ELECTRIC HOUSEWARES AND FANS. . . . .	10	2	4	2	-	-	2	3	6	-	1	1	12
3635	HOUSEHOLD VACUUM CLEANERS. . . . .	(D)	(D)	(D)	(D)	-	-	-	(D)	(D)	-	-	-	(D)
3636	SEWING MACHINES. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
3639	HOUSEHOLD APPLIANCES, NEC. . . . .	(D)	(D)	(D)	-	-	-	-	-	(D)	(D)	(D)	-	(D)
364	ELECT. LIGHTING AND WIRING EQUIP. . . . .	30	-	7	4	1	1	3	1	17	1	10	6	43
3641	ELECTRIC LAMPS. . . . .	8	-	1	-	-	-	-	-	5	-	-	2	13
3642	LIGHTING FIXTURES. . . . .	11	-	4	1	-	1	1	-	6	-	5	3	10
3643	CURRENT-CARRYING WIRING DEVICES. . . . .	6	-	1	1	1	-	-	-	4	1	3	-	12
3644	NONCURRENT-CARRYING WIRING DEVICES. . . . .	5	-	2	1	-	-	2	1	2	-	2	1	8
365	RADIO AND TV RECEIVING EQUIPMENT. . . . .	6	1	-	-	-	-	-	-	4	-	-	3	28
3651	RADIO AND TV RECEIVING SETS. . . . .	3	1	-	-	-	-	-	-	1	-	-	2	17
3652	PHONOGRAPH RECORDS. . . . .	3	-	-	-	-	-	-	-	3	-	-	1	11
366	COMMUNICATION EQUIPMENT. . . . .	46	3	13	7	4	5	5	5	32	1	10	13	42
3661	TELEPHONE AND TELEGRAPH APPARATUS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	(D)	(D)	(D)
3662	RADIO AND TV COMMUNICATION EQUIPMENT. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
367	ELECTRONIC COMPONENTS, ACCESSORIES. . . . .	52	6	17	8	4	4	3	6	35	2	11	12	56

See footnotes at end of table.



TABLE 8. Water Discharged, Water Treated Prior to Discharge and Number of Establishments Treating Water Prior to Discharge by Type of Treatment: 1968—Continued

## A. INDUSTRY GROUPS AND INDUSTRIES—Continued

Code	Industry group and industry	Water discharged (billion gallons)												
		Total	Treated prior to discharge by type of treatment											
			Total	Coagu- lation	Settling		Trickling filters	Activated sludge	Digestion	Ponds or lagoons	pH	Sand filtration	Chlorina- tion	Flotation
				Primary	Secondary									
3671	ELECTRON TUBES, RECEIVING TYPE . . . .	1.0	-	-	-	-	-	-	-	-	-	-	-	
3672	CATHODE RAY PICTURE TUBES. . . . .	2.8	1.1	-	-	-	-	-	-	-	1.1	-	-	
3673	ELECTRON TUBES, TRANSMITTING . . . .	1.4	.4	-	-	-	-	-	-	-	-	-	-	
3674	SEMICONDUCTORS . . . . .	6.1	2.6	-	-	-	-	-	-	-	2.0	.3	.3	
3679	ELECTRONIC COMPONENTS, NEC . . . . .	8.1	2.7	.1	1.2	.7	-	-	-	.6	1.9	.3	.1	
369	MISC. ELECTRICAL EQUIP., SUPPLIES. . .	15.5	1.1	-	.2	-	-	-	-	-	.7	.1	.2	
3691	STORAGE BATTERIES. . . . .	2.6	.9	-	-	-	-	-	-	-	.7	-	.2	
3692	PRIMARY BATTERIES, DRY AND WET . . . .	.6	-	-	-	-	-	-	-	-	-	-	-	
3693	X-RAY APPARATUS AND TUBES. . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	
3694	ENGINE ELECTRICAL EQUIPMENT. . . . .	4.7	.1	-	-	-	-	-	-	-	.1	-	-	
3699	ELECTRICAL EQUIPMENT, NEC. . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	
37	TRANSPORTATION EQUIPMENT . . . . .	293.1	22.5	4.4	8.3	3.8	.8	.9	1.2	5.4	8.0	.4	3.7	3.3
371	MOTOR VEHICLES AND EQUIPMENT . . . .	131.9	14.4	3.3	6.3	2.4	.3	-	.7	4.8	4.1	-	2.6	.9
3711	MOTOR VEHICLES . . . . .	28.0	3.7	1.0	1.7	.7	-	-	-	1.0	1.4	-	.8	.1
3712	PASSENGER CAR BODIES . . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
3713	TRUCK AND BUS BODIES . . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
3714	MOTOR VEHICLE PARTS AND ACCESSORIES. .	98.9	9.9	1.9	3.9	1.6	-	-	.7	3.5	2.6	-	1.9	.8
3715	TRUCK TRAILERS . . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
372	AIRCRAFT AND PARTS . . . . .	135.3	6.0	.9	1.5	1.1	.5	.6	.5	.6	3.1	.3	.4	2.3
3721	AIRCRAFT . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	-	-	-	(0)	-	(0)	(0)
3722	AIRCRAFT ENGINES AND ENGINE PARTS. . .	96.6	2.0	-	.4	.3	-	.2	-	-	1.2	-	.3	.9
3723	AIRCRAFT PROPELLERS AND PARTS. . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
3729	AIRCRAFT EQUIPMENT, NEC. . . . .	10.8	1.0	-	.4	.3	-	-	-	-	.5	-	-	.3
373	SHIP AND BOAT BUILDING, REPAIRING. . .	18.7	.2	-	-	-	-	-	-	-	-	-	-	-
3731	SHIP BUILDING AND REPAIRING. . . . .	18.7	.2	-	-	-	-	-	-	-	-	-	-	-
374	RAILROAD EQUIPMENT . . . . .	5.8	1.0	-	.3	-	-	-	-	-	-	-	-	-
3741	LOCOMOTIVES AND PARTS. . . . .	(0)	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-
3742	RAILROAD AND STREET CARS . . . . .	(0)	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-
3751	MOTORCYCLES, BICYCLES, AND PARTS . . .	(0)	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-
379	MISC. TRANSPORTATION EQUIPMENT . . .	(0)	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-
3799	TRANSPORTATION EQUIPMENT, NEC. . . .	(0)	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-
38	INSTRUMENTS AND RELATED PRODUCTS . .	36.0	12.6	1.0	10.8	1.4	-	-	.1	1.4	1.2	-	.5	.2
3811	ENGINEERING, SCIENTIFIC INSTRUMENTS. .	(0)	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-
382	MECHAN. MEASURING, CONTROL DEVICES .	4.6	.5	-	-	.1	-	-	-	-	.3	-	.3	.1
3821	MECHANICAL MEASURING DEVICES . . . .	2.9	.1	-	-	-	-	-	-	-	-	-	-	-
3822	AUTOMATIC TEMPERATURE CONTROLS . . .	1.7	.3	-	-	-	-	-	-	-	-	-	.2	.1
3831	OPTICAL INSTRUMENTS AND LENSES . . . .	.4	.1	-	-	-	-	-	-	-	-	-	-	-
384	MEDICAL INSTRUMENTS AND SUPPLIES . .	2.5	.2	-	-	-	-	-	-	-	-	-	-	-
3841	SURGICAL AND MEDICAL INSTRUMENTS . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
3842	SURGICAL APPLIANCES AND SUPPLIES . . .	1.9	-	-	-	-	-	-	-	-	-	-	-	-
3843	DENTAL EQUIPMENT AND SUPPLIES. . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
3851	OPHTHALMIC GOODS . . . . .	(0)	-	-	-	-	-	-	-	-	-	-	-	-
3861	PHOTOGRAPHIC EQUIPMENT AND SUPPLIES. .	16.9	11.1	-	-	-	-	-	-	-	-	-	-	.1
387	WATCHES, CLOCKS, AND WATCHCASES. . .	2.2	-	-	-	-	-	-	-	-	-	-	-	-
3871	WATCHES AND CLOCKS . . . . .	2.2	-	-	-	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . . .	13.0	.7	.1	.2	.1	-	-	-	.3	.4	-	.1	.1
391	JEWELRY, SILVERWARE, PLATED WARE . . .	4.1	-	-	-	-	-	-	-	-	-	-	-	-
3911	JEWELRY, PRECIOUS METAL. . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
3912	JEWELERS' FINDINGS AND MATERIALS . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
3914	SILVERWARE AND PLATED WARE . . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
3931	MUSICAL INSTRUMENTS AND PARTS. . . .	(0)	-	-	-	-	-	-	-	-	-	-	-	-
394	TOYS AND SPORTING GOODS. . . . .	2.8	-	-	-	-	-	-	-	-	-	-	-	-
3941	GAMES AND TOYS . . . . .	.9	-	-	-	-	-	-	-	-	-	-	-	-
3943	CHILDREN'S VEHICLES, EXCEPT BICYCLES .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
3949	SPORTING AND ATHLETIC GOODS, NEC . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
395	PENS, PENCILS, OFFICE, ART GOODS . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
3951	PENS AND MECHANICAL PENCILS. . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
3952	LEAD PENCILS AND ART GOODS . . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
3955	CARBON PAPER AND INKED RIBBONS . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
396	COSTUME JEWELRY AND NOTIONS. . . . .	1.6	.3	-	-	-	-	-	-	-	.2	-	-	-
3961	COSTUME JEWELRY. . . . .	.3	-	-	-	-	-	-	-	-	-	-	-	-
3962	ARTIFICIAL FLOWERS . . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
3963	BUTTONS. . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
3964	NEEDLES, PINS, AND FASTENERS . . . . .	1.1	.1	-	-	-	-	-	-	-	-	-	-	-
399	MISCELLANEOUS MANUFACTURES . . . . .	3.2	.1	-	-	-	-	-	-	-	-	-	-	-
3993	SIGNS AND ADVERTISING DISPLAYS . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
3994	MORTICIANS' GOODS. . . . .	(0)	-	-	-	-	-	-	-	-	-	-	-	-
3996	HARD SURFACE FLOOR COVERINGS . . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
3999	MANUFACTURES, NEC. . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-

Note: Detailed figures may not add to totals because of independent rounding. The figures shown for industry groups include data for all component industries whether or not separate figures are shown for the individual industries in the group.

TABLE 8. Water Discharged, Water Treated Prior to Discharge and Number of Establishments Treating Water Prior to Discharge by Type of Treatment: 1968—Continued

## A. INDUSTRY GROUPS AND INDUSTRIES—Continued

Code	Industry group and industry	Number of establishments treating water prior to discharge by type of treatment												
		Total	Coagulation	Settling		Trickling filters	Activated sludge	Digestion	Ponds or lagoons	pH	Sand filtration	Chlorination	Flotation	Other
				Primary	Secondary									
3671	ELECTRON TUBES, RECEIVING TYPE . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	9
3672	CATHODE RAY PICTURE TUBES, . . . . .	6	-	1	-	-	-	-	-	6	-	-	-	1
3673	ELECTRON TUBES, TRANSMITTING . . . . .	4	1	2	1	-	-	-	-	3	1	-	-	4
3674	SEMICONDUCTORS . . . . .	20	1	2	2	1	1	1	2	11	1	5	7	6
3679	ELECTRONIC COMPONENTS, NEC . . . . .	22	4	12	5	3	3	2	4	15	-	6	4	36
369	MISC. ELECTRICAL EQUIP., SUPPLIES, . . . . .	33	2	7	2	-	3	1	2	21	-	5	5	30
3691	STORAGE BATTERIES, . . . . .	18	-	3	2	-	-	-	2	12	-	-	4	8
3692	PRIMARY BATTERIES, DRY AND WET . . . . .	3	-	2	-	-	-	-	-	-	-	-	-	8
3693	X-RAY APPARATUS AND TUBES, . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
3694	ENGINE ELECTRICAL EQUIPMENT, . . . . .	6	2	2	-	-	2	-	-	4	-	3	-	11
3699	ELECTRICAL EQUIPMENT, NEC, . . . . .	(D)	(D)	(D)	-	-	(D)	(D)	-	(D)	-	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	161	38	66	32	11	14	15	38	64	8	32	41	231
371	MOTOR VEHICLES AND EQUIPMENT . . . . .	92	28	39	16	5	3	7	31	34	3	16	13	125
3711	MOTOR VEHICLES . . . . .	30	12	12	7	2	2	3	12	10	-	7	4	23
3712	PASSENGER CAR BODIES . . . . .	(D)	(D)	(D)	(D)	-	-	-	(D)	-	-	-	-	(D)
3713	TRUCK AND BUS BODIES . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
3714	MOTOR VEHICLE PARTS AND ACCESSORIES, . . . . .	55	14	21	8	3	1	4	17	24	3	9	9	84
3715	TRUCK TRAILERS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
372	AIRCRAFT AND PARTS . . . . .	51	7	19	13	6	10	7	5	24	5	11	26	63
3721	AIRCRAFT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	(D)	(D)	(D)	(D)	(D)
3722	AIRCRAFT ENGINES AND ENGINE PARTS, . . . . .	17	2	5	4	1	6	1	3	8	1	6	8	24
3723	AIRCRAFT PROPELLERS AND PARTS, . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
3729	AIRCRAFT EQUIPMENT, NEC, . . . . .	16	1	6	4	1	1	3	2	9	3	1	8	28
373	SHIP AND BOAT BUILDING, REPAIRING, . . . . .	5	-	-	-	-	1	1	-	1	-	2	-	27
3731	SHIP BUILDING AND REPAIRING, . . . . .	5	-	-	-	-	1	1	-	1	-	2	-	27
374	RAILROAD EQUIPMENT . . . . .	8	2	5	2	-	-	-	1	2	-	2	2	12
3741	LOCOMOTIVES AND PARTS, . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	(D)	-	(D)	-	(D)
3742	RAILROAD AND STREET CARS . . . . .	(D)	(D)	(D)	(D)	-	-	-	(D)	(D)	-	(D)	(D)	(D)
3751	MOTORCYCLES, BICYCLES, AND PARTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	(D)	(D)	-	(D)	-	(D)
379	MISC. TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
3799	TRANSPORTATION EQUIPMENT, NEC, . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	34	7	10	8	1	-	4	6	13	3	10	10	73
3811	ENGINEERING, SCIENTIFIC INSTRUMENTS, . . . . .	(D)	-	-	-	-	-	-	-	(D)	-	-	-	(D)
382	MECHAN. MEASURING, CONTROL DEVICES . . . . .	11	3	3	4	1	-	-	1	6	2	5	5	21
3821	MECHANICAL MEASURING DEVICES . . . . .	5	1	2	3	1	-	-	1	3	-	1	-	12
3822	AUTOMATIC TEMPERATURE CONTROLS . . . . .	6	2	1	1	-	-	-	-	3	2	4	5	9
3831	OPTICAL INSTRUMENTS AND LENSES . . . . .	4	-	2	1	-	-	-	-	1	-	1	-	2
384	MEDICAL INSTRUMENTS AND SUPPLIES . . . . .	5	1	2	-	-	-	-	2	1	-	1	-	15
3841	SURGICAL AND MEDICAL INSTRUMENTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	(D)	-	-	-	(D)
3842	SURGICAL APPLIANCES AND SUPPLIES . . . . .	3	-	2	-	-	-	-	2	-	-	-	-	10
3843	DENTAL EQUIPMENT AND SUPPLIES, . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	(D)	-	-
3851	OPHTHALMIC GOODS . . . . .	(D)	(D)	(D)	(D)	-	-	(D)	(D)	-	-	(D)	-	(D)
3861	PHOTOGRAPHIC EQUIPMENT AND SUPPLIES, . . . . .	8	1	2	2	-	-	1	2	3	-	-	4	18
387	WATCHES, CLOCKS, AND WATCHCASES, . . . . .	3	-	-	-	-	-	2	-	1	1	2	1	5
3871	WATCHES AND CLOCKS . . . . .	3	-	-	-	-	-	2	-	1	1	2	1	5
39	MISC. MANUFACTURING INDUSTRIES . . . . .	22	6	8	4	1	1	3	7	9	-	6	4	75
391	JEWELRY, SILVERWARE, PLATED WARE . . . . .	3	1	2	1	-	-	1	1	1	-	1	1	12
3911	JEWELRY, PRECIOUS METAL, . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
3912	JEWELERS' FINDINGS AND MATERIALS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
3914	SILVERWARE AND PLATED WARE . . . . .	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)	-	(D)	(D)	(D)
3931	MUSICAL INSTRUMENTS AND PARTS, . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-	-	(D)
394	TOYS AND SPORTING GOODS, . . . . .	2	-	-	-	-	-	-	1	1	-	-	1	22
3941	GAMES AND TOYS . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	8
3943	CHILDREN'S VEHICLES, EXCEPT BICYCLES . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-	-	(D)
3949	SPORTING AND ATHLETIC GOODS, NEC . . . . .	(D)	(D)	-	-	-	-	-	(D)	(D)	-	-	(D)	(D)
395	PENS, PENCILS, OFFICE, ART GOODS . . . . .	(D)	(D)	(D)	(D)	(D)	-	(D)	(D)	(D)	-	(D)	-	(D)
3951	PENS AND MECHANICAL PENCILS, . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-	-	(D)
3952	LEAD PENCILS AND ART GOODS . . . . .	(D)	(D)	(D)	(D)	(D)	-	(D)	(D)	(D)	-	(D)	-	(D)
3955	CARBON PAPER AND INKED RIBBONS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-	-	(D)
396	COSTUME JEWELRY AND NOTIONS, . . . . .	11	2	2	1	-	-	1	2	5	-	3	2	8
3961	COSTUME JEWELRY, . . . . .	3	1	-	1	-	-	-	1	2	-	3	1	3
3962	ARTIFICIAL FLOWERS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	(D)	-
3963	BUTTONS, . . . . .	(D)	(D)	(D)	-	-	-	-	-	(D)	-	-	-	-
3964	NEEDLES, PINS, AND FASTENERS . . . . .	6	1	2	-	-	-	1	1	2	-	-	-	5
399	MISCELLANEOUS MANUFACTURES . . . . .	4	1	2	-	-	1	-	2	1	-	1	-	18
3993	SIGNS AND ADVERTISING DISPLAYS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
3994	MORTICIANS' GOODS, . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
3996	HARD SURFACE FLOOR COVERINGS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
3999	MANUFACTURES, NEC, . . . . .	(D)	(D)	(D)	-	-	(D)	-	(D)	(D)	-	(D)	-	(D)

Standard notes: - Represents zero.

(D) Withheld to avoid disclosing figures for individual companies.

(Z) Less than 50 million gallons.



TABLE 8. Water Discharged, Water Treated Prior to Discharge and Number of Establishments Treating Water Prior to Discharge by Type of Treatment: 1968

## B. WATER USE REGIONS AND MAJOR INDUSTRY GROUPS

Code	Water use region and major industry group	Water discharged (billion gallons)												
		Total	Treated prior to discharge by type of treatment											
			Total	Coagulation	Settling		Trickling filters	Activated sludge	Digestion	Ponds or lagoons	pH	Sand filtration	Chlorination	Flotation
				Primary	Secondary									
	UNITED STATES: TOTAL . . . . .	14 275.9	4 353.2	224.7	2 516.8	959.5	90.3	119.7	33.4	1 678.0	1 000.5	113.2	219.3	975.3
	NEW ENGLAND . . . . .	558.4	55.9	2.8	26.0	4.6	.4	.1	.2	11.7	4.3	.4	1.3	18.3
20	FOOD AND KINDRED PRODUCTS . . . . .	18.6	1.6	-	.1	-	-	-	-	-	-	-	.1	.7
22	TEXTILE MILL PRODUCTS . . . . .	18.3	5.8	-	.6	-	-	-	-	4.9	-	-	-	.3
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	246.2	36.9	-	18.9	-	-	-	-	3.5	-	-	-	15.3
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	51.7	1.8	1.3	1.6	1.0	-	-	-	-	1.3	-	-	.2
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	20.3	.2	-	-	-	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS . . . . .	3.6	2.1	-	1.2	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	2.6	.6	-	-	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	32.7	1.9	-	1.3	-	-	-	-	-	.8	-	-	.7
34	FABRICATED METAL PRODUCTS . . . . .	10.7	.4	-	.1	-	-	-	-	-	.1	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	26.9	.5	-	.3	-	-	-	-	-	.1	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	11.4	1.1	-	.4	-	-	-	-	.1	.4	-	.2	.2
37	TRANSPORTATION EQUIPMENT . . . . .	91.9	.7	-	.2	-	-	-	-	-	.3	-	-	-
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	11.2	.6	-	-	-	-	-	-	-	-	-	.3	-
39	MISC. MANUFACTURING INDUSTRIES . . . . .	6.2	.3	-	-	-	-	-	-	-	.2	-	-	-
	DELAWARE AND HUDSON . . . . .	1 191.9	505.5	35.9	352.2	210.3	2.4	10.0	1.1	239.2	134.8	.6	35.4	160.2
20	FOOD AND KINDRED PRODUCTS . . . . .	62.2	7.1	.1	2.2	.8	-	-	.3	.3	.2	-	1.4	3.8
21	TOBACCO MANUFACTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
22	TEXTILE MILL PRODUCTS . . . . .	6.4	.7	.3	.2	-	-	-	-	.3	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	68.9	28.4	2.5	16.4	2.3	-	2.1	-	8.4	5.0	-	2.2	7.7
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	305.9	101.1	.7	23.2	15.7	1.0	7.5	.2	66.3	89.2	-	2.1	9.2
29	PETROLEUM AND COAL PRODUCTS . . . . .	320.9	262.2	-	217.1	150.3	-	-	-	92.7	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	9.5	.5	-	-	-	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS . . . . .	1.3	.4	-	.2	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	25.0	2.1	-	1.7	1.2	-	-	-	1.5	.9	-	.9	(2)
33	PRIMARY METAL INDUSTRIES . . . . .	286.3	86.0	28.5	81.6	32.4	-	-	-	66.9	30.6	-	27.9	11.3
34	FABRICATED METAL PRODUCTS . . . . .	3.5	.6	-	-	-	-	-	-	-	.4	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	61.5	1.9	-	1.7	1.3	-	-	-	-	.9	-	-	1.3
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	21.3	5.8	.1	4.5	3.1	-	-	-	-	.9	-	.2	3.4
37	TRANSPORTATION EQUIPMENT . . . . .	10.0	1.0	-	.5	-	-	-	-	-	.2	-	-	.2
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	2.9	.1	-	-	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
	CHESAPEAKE BAY . . . . .	754.7	215.2	7.9	98.6	88.3	3.4	28.0	1.6	69.1	59.8	.4	2.8	14.7
20	FOOD AND KINDRED PRODUCTS . . . . .	28.6	3.6	-	1.0	.5	-	-	.3	1.0	.3	-	.6	1.4
21	TOBACCO MANUFACTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
22	TEXTILE MILL PRODUCTS . . . . .	4.0	2.8	-	-	-	-	-	-	1.7	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
25	FURNITURE AND FIXTURES . . . . .	.6	-	-	-	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	101.2	49.3	-	45.8	27.9	-	27.1	-	21.8	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	239.6	53.1	5.4	9.5	6.4	-	-	-	12.2	41.1	-	1.0	-
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS . . . . .	1.0	.9	-	.7	.4	-	-	-	.7	.5	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	13.1	1.9	.7	1.1	.8	-	.1	.1	.7	.9	-	.2	.6
33	PRIMARY METAL INDUSTRIES . . . . .	324.0	98.4	-	39.2	51.1	-	-	-	29.3	.9	-	-	1.1
34	FABRICATED METAL PRODUCTS . . . . .	3.0	1.0	-	(2)	-	-	-	-	.8	.2	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	2.1	.1	-	.1	-	-	-	-	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	12.8	2.7	-	.7	.7	-	-	-	-	2.1	-	.1	.1
37	TRANSPORTATION EQUIPMENT . . . . .	14.9	.4	-	-	-	-	-	-	-	-	-	-	-
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	EASTERN GREAT LAKES-ST. LAWRENCE . . . . .	1 459.7	321.8	17.5	162.6	84.3	5.2	.9	.6	78.9	24.8	.4	9.8	52.1
20	FOOD AND KINDRED PRODUCTS . . . . .	20.6	5.4	-	2.8	1.0	-	.5	-	.9	.3	-	1.2	1.0
22	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
25	FURNITURE AND FIXTURES . . . . .	.1	-	-	-	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	65.7	16.9	-	6.0	-	-	-	-	4.6	-	-	-	2.2
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	269.2	35.4	1.2	12.7	5.9	3.6	-	.1	16.2	10.5	.2	6.7	6.9
29	PETROLEUM AND COAL PRODUCTS . . . . .	70.5	31.6	-	28.9	-	-	-	-	-	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	45.8	.9	-	-	-	-	-	-	-	-	-	-	1.0
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	26.4	2.5	-	.7	1.5	-	-	-	1.6	.5	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	819.6	209.5	12.9	96.6	63.5	-	-	-	44.9	10.3	-	-	37.2
34	FABRICATED METAL PRODUCTS . . . . .	10.6	1.3	-	1.0	.7	-	-	-	-	1.1	-	.1	.1
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	8.7	.5	-	.1	-	-	-	-	-	.1	-	-	.4
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	10.1	.6	-	.4	-	-	-	-	-	.4	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	97.6	6.6	1.1	2.4	-	-	-	.2	2.6	1.4	-	1.3	.5
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	12.2	10.2	-	-	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OHIO RIVER . . . . .	2 295.4	534.4	18.2	300.9	78.7	45.3	6.1	9.9	104.1	22.5	97.6	68.3	36.6
20	FOOD AND KINDRED PRODUCTS . . . . .	33.9	7.0	-	1.8	.3	.5	-	.2	.8	.1	-	3.3	1.7
21	TOBACCO MANUFACTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
22	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	49.1	30.8	-	23.8	5.7	-	-	-	4.3	-	-	-	2.8
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	692.2	111.8	4.1	32.2	9.8	3.3	5.8	.5	27.9	10.4	-	57.3	1.2
29	PETROLEUM AND COAL PRODUCTS . . . . .	28.5	17.7	-	13.9	2.4	-	-	-	7.9	-	-	-	2.8
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	8.7	.9	-	-	-	-	-	-	-	-	-	-	.5
31	LEATHER AND LEATHER PRODUCTS . . . . .	2.7	-	-	-	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	19.1	2.4	.1	1.5	-	-	-	(2)	.7	-	-	-	.9
33	PRIMARY METAL INDUSTRIES . . . . .	1 379.9	341.7	8.1	216.5	57.5	40.4	-	8.8	51.8	4.3	-	4.2	25.0
34	FABRICATED METAL PRODUCTS . . . . .	12.8	1.4	.3	.5	-	-	-	-	-	.9	-	.3	.1
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	16.2	.8	-	.2	-	-	-	-	-	.1	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	30.3	10.8	.7	7.8	.4	.1	-	-	7.2	3.3	-	1.3	.6
37	TRANSPORTATION EQUIPMENT . . . . .	13.4	3.6	1.4	.9	.5	-	-	-	.6	1.1	-	.5	.8
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	.9	.5	-	-	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.



TABLE 8. Water Discharged, Water Treated Prior to Discharge and Number of Establishments Treating Water Prior to Discharge by Type of Treatment: 1968—Continued

## B. WATER USE REGIONS AND MAJOR INDUSTRY GROUPS—Continued

Code	Water use region and major industry group	Number of establishments treating water prior to discharge by type of treatment												
		Total	Coagulation	Settling		Trickling filters	Activated sludge	Digestion	Ponds or lagoons	pH	Sand filtration	Chlorination	Flotation	Other
				Primary	Secondary									
	UNITED STATES, TOTAL . . . . .	3 S21	3S9	1 S13	613	221	2S2	313	1 191	910	106	483	8S9	S 881
	NEW ENGLAND . . . . .	203	18	90	26	8	10	7	4S	S8	12	32	S3	493
20	FOOD AND KINDRED PRODUCTS . . . . .	14	1	6	-	-	1	-	2	1	1	4	4	S4
22	TEXTILE MILL PRODUCTS . . . . .	19	1	7	1	-	1	-	9	1	2	1	6	7S
24	LUMBER AND WOOD PRODUCTS . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
25	FURNITURE AND FIXTURES . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
26	PAPER AND ALLIED PRODUCTS . . . . .	33	1	14	2	1	-	-	7	3	-	1	14	S7
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	1S	4	10	5	-	1	-	3	7	-	1	5	27
29	PETROLEUM AND COAL PRODUCTS . . . . .	(0)	(0)	(0)	-	-	-	-	(0)	-	-	-	-	(0)
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	14	1	3	2	-	1	1	3	-	2	3	3	36
31	LEATHER AND LEATHER PRODUCTS . . . . .	9	-	5	2	-	-	-	3	-	-	-	1	1S
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	S	1	3	-	-	-	-	2	1	1	1	-	1S
33	PRIMARY METAL INDUSTRIES . . . . .	20	2	10	3	3	1	1	2	12	2	3	4	46
34	FABRICATED METAL PRODUCTS . . . . .	10	-	S	1	-	-	-	3	4	-	2	2	38
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	13	2	9	3	1	-	1	1	7	1	2	3	36
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	23	1	7	-	1	2	-	4	10	2	4	5	29
37	TRANSPORTATION EQUIPMENT . . . . .	8	-	4	2	1	2	-	2	4	-	2	2	14
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	7	1	2	3	1	-	1	1	3	1	4	-	8
39	MISC. MANUFACTURING INDUSTRIES . . . . .	10	3	3	2	-	-	-	2	4	-	3	3	24
	DELAWARE AND HUDSON . . . . .	3S3	4S	179	84	22	28	24	8S	123	13	63	86	623
20	FOOD AND KINDRED PRODUCTS . . . . .	46	5	21	7	3	1	4	9	S	1	12	1S	128
21	TOBACCO MANUFACTURES . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
22	TEXTILE MILL PRODUCTS . . . . .	10	4	S	2	2	-	-	4	3	-	1	-	4S
24	LUMBER AND WOOD PRODUCTS . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
25	FURNITURE AND FIXTURES . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
26	PAPER AND ALLIED PRODUCTS . . . . .	42	11	22	7	1	5	-	12	7	-	4	10	32
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	9S	7	44	24	6	11	7	29	S3	3	17	18	97
29	PETROLEUM AND COAL PRODUCTS . . . . .	14	2	14	7	-	-	-	S	2	1	1	3	2
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	11	2	3	1	1	1	2	2	3	2	2	1	42
31	LEATHER AND LEATHER PRODUCTS . . . . .	6	-	5	-	-	-	-	-	-	-	-	1	8
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	20	1	13	9	-	1	2	10	5	1	7	4	40
33	PRIMARY METAL INDUSTRIES . . . . .	2S	4	16	7	3	2	3	6	8	2	S	9	68
34	FABRICATED METAL PRODUCTS . . . . .	7	2	3	3	-	-	-	2	S	-	-	-	34
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	1S	-	8	4	1	2	1	2	3	-	3	6	27
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	41	4	13	6	3	2	2	1	21	-	S	13	46
37	TRANSPORTATION EQUIPMENT . . . . .	12	1	6	2	2	2	2	1	4	3	3	4	17
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	4	1	1	2	-	-	-	-	1	-	1	1	13
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(0)	(0)	(0)	(0)	-	(0)	(0)	(0)	(0)	-	(0)	-	(0)
	CHESAPEAKE BAY . . . . .	202	23	91	S3	17	16	23	77	70	8	3S	49	2S3
20	FOOD AND KINDRED PRODUCTS . . . . .	43	1	10	6	3	1	4	13	7	-	5	16	78
21	TOBACCO MANUFACTURES . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
22	TEXTILE MILL PRODUCTS . . . . .	9	1	3	3	2	-	-	3	5	1	1	3	16
24	LUMBER AND WOOD PRODUCTS . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
25	FURNITURE AND FIXTURES . . . . .	3	-	2	1	-	-	-	-	2	1	-	1	6
26	PAPER AND ALLIED PRODUCTS . . . . .	20	3	12	6	2	5	1	9	2	1	3	3	19
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	32	4	1S	10	3	2	3	18	15	2	8	-	3
29	PETROLEUM AND COAL PRODUCTS . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(0)	(0)	(0)	(0)	-	-	-	-	(0)	-	-	(0)	(0)
31	LEATHER AND LEATHER PRODUCTS . . . . .	8	-	5	4	-	-	-	7	4	-	-	1	3
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	19	4	10	7	1	6	5	7	-	-	7	5	23
33	PRIMARY METAL INDUSTRIES . . . . .	18	1	12	5	-	-	3	5	9	-	1	9	16
34	FABRICATED METAL PRODUCTS . . . . .	11	3	4	1	-	-	-	5	5	-	1	1	1S
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	S	2	4	2	1	-	-	3	2	-	1	1	13
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	19	-	7	5	2	2	2	3	13	1	S	4	12
37	TRANSPORTATION EQUIPMENT . . . . .	5	-	1	1	1	-	-	2	1	2	2	2	13
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	EASTERN GREAT LAKES-ST. LAWRENCE . . . . .	303	43	123	45	14	17	19	86	88	8	42	75	564
20	FOOD AND KINDRED PRODUCTS . . . . .	38	3	12	4	2	4	2	13	5	-	5	8	108
22	TEXTILE MILL PRODUCTS . . . . .	(0)	(0)	-	-	-	-	-	-	-	-	(0)	-	(0)
24	LUMBER AND WOOD PRODUCTS . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
25	FURNITURE AND FIXTURES . . . . .	2	-	-	-	-	1	-	2	1	-	1	1	2
26	PAPER AND ALLIED PRODUCTS . . . . .	21	1	8	1	1	1	-	5	1	-	1	8	20
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	48	7	25	6	4	2	4	21	16	4	6	6	56
29	PETROLEUM AND COAL PRODUCTS . . . . .	10	1	7	2	-	-	-	2	-	-	-	3	4
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	10	-	1	2	-	1	-	1	1	-	2	4	29
31	LEATHER AND LEATHER PRODUCTS . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	26	3	10	7	2	3	2	7	6	-	3	1	29
33	PRIMARY METAL INDUSTRIES . . . . .	42	4	17	7	1	2	3	13	7	1	1	14	70
34	FABRICATED METAL PRODUCTS . . . . .	22	2	9	6	-	-	-	1	14	-	7	9	72
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	13	3	5	2	-	1	1	3	7	-	-	5	46
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	14	2	7	3	-	1	1	3	9	-	3	3	47
37	TRANSPORTATION EQUIPMENT . . . . .	41	14	15	3	3	1	5	10	18	2	9	7	56
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	8	1	3	-	-	-	1	1	2	-	1	3	8
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	OHIO RIVER . . . . .	437	62	196	82	31	22	58	137	126	18	64	91	618
20	FOOD AND KINDRED PRODUCTS . . . . .	37	1	14	6	4	2	5	12	4	-	8	10	128
21	TOBACCO MANUFACTURES . . . . .	(0)	(0)	-	-	-	-	-	-	-	-	-	-	(0)
22	TEXTILE MILL PRODUCTS . . . . .	(0)	(0)	(0)	(0)	-	-	(0)	(0)	(0)	(0)	(0)	-	(0)
24	LUMBER AND WOOD PRODUCTS . . . . .	(0)	(0)	(0)	-	-	-	-	(0)	(0)	-	-	-	(0)
25	FURNITURE AND FIXTURES . . . . .	(0)	(0)	(0)	-	-	-	-	-	(0)	-	-	-	(0)
26	PAPER AND ALLIED PRODUCTS . . . . .	28	2	14	4	1	-	-	9	1	1	1	8	26
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	83	10	40	25	12	12	11	46	35	2	15	9	40
29	PETROLEUM AND COAL PRODUCTS . . . . .	20	3	11	5	2	-	-	9	-	1	-	6	7
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	13	1	2	-	-	2	3	2	1	2	1	5	34
31	LEATHER AND LEATHER PRODUCTS . . . . .	(0)	(0)	(0)	(0)	(0)	(0)	-	(0)	(0)	(0)	(0)	(0)	(0)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	25	4	13	2	1	1	5	5	3	2	-	4	58
33	PRIMARY METAL INDUSTRIES . . . . .	88	13	48	19	4	2	22	25	14	3	6	16	97
34	FABRICATED METAL PRODUCTS . . . . .	29	S	8	2	-	-	1	3	13	-	5	7	72
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	19	2	4	1	3	-	3	5	9	2	3	2	49
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	52	7	20	5	4	1	3	9	30	1	15	12	39
37	TRANSPORTATION EQUIPMENT . . . . .	26	8	11	8	-	1	2	8	10	1	4	8	27
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	4	3	2	-	-	-	-	1	2	2	3	3	6
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-	(0)

See footnotes at end of table.

TABLE 8. Water Discharged, Water Treated Prior to Discharge and Number of Establishments Treating Water Prior to Discharge by Type of Treatment: 1968—Continued

## B. WATER USE REGIONS AND MAJOR INDUSTRY GROUPS—Continued

Code	Water use region and major industry group	Water discharged (billion gallons)												
		Total	Treated prior to discharge by type of treatment											
			Total	Coagulation	Settling		Trickling filters	Activated sludge	Digestion	Ponds or lagoons	pH	Sand filtration	Chlorination	Flotation
					Primary	Secondary								
20	TENNESSEE . . . . .	499.3	130.0	1.5	39.1	3.6	.6	1.3	1.4	78.8	47.5	.2	1.2	16.2
22	FOOD AND KINDRED PRODUCTS . . . . .	2.7	.6	-	.2	-	-	-	-	-	-	-	-	-
24	TEXTILE MILL PRODUCTS . . . . .	8.1	2.6	-	.3	-	-	-	-	2.2	-	-	-	1.9
25	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	PAPER AND ALLIED PRODUCTS . . . . .	63.5	32.7	-	32.0	-	-	-	-	-	-	-	-	-
30	CHEMICALS AND ALLIED PRODUCTS . . . . .	388.9	76.9	-	5.8	1.2	.8	.2	58.0	38.3	-	.6	13.0	-
31	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	STONE, CLAY, AND GLASS PRODUCTS . . . . .	2.7	.9	-	-	-	-	-	-	-	-	-	-	-
34	PRIMARY METAL INDUSTRIES . . . . .	22.0	14.0	-	.2	-	-	-	-	6.8	6.6	-	-	-
35	FABRICATED METAL PRODUCTS . . . . .	.8	-	-	-	-	-	-	-	-	-	-	-	-
36	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
37	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	1.2	.6	-	-	-	-	-	-	-	.7	-	-	-
38	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
39	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	SOUTHEAST . . . . .	1 099.6	474.4	6.5	253.8	67.2	10.0	18.5	3.7	324.3	20.4	.2	25.0	62.0
21	FOOD AND KINDRED PRODUCTS . . . . .	64.1	9.8	-	2.2	.5	.4	3.2	.2	6.4	-	-	.9	2.8
22	TOBACCO MANUFACTURES . . . . .	1.8	-	-	-	-	-	-	-	-	-	-	-	-
24	TEXTILE MILL PRODUCTS . . . . .	89.4	37.9	.9	9.0	5.2	2.8	5.9	1.6	18.5	3.6	.1	4.0	11.6
25	LUMBER AND WOOD PRODUCTS . . . . .	3.0	.5	-	-	-	-	-	-	-	-	-	-	-
26	FURNITURE AND FIXTURES . . . . .	1.0	-	-	-	-	-	-	-	-	-	-	-	-
28	PAPER AND ALLIED PRODUCTS . . . . .	600.6	329.8	1.7	201.0	55.6	-	-	-	264.4	-	-	-	36.7
29	CHEMICALS AND ALLIED PRODUCTS . . . . .	197.4	58.2	1.2	18.3	3.9	.7	.8	.9	26.1	13.4	-	16.9	8.3
30	PETROLEUM AND COAL PRODUCTS . . . . .	24.8	4.0	-	-	-	-	-	-	-	-	-	-	-
31	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	8.8	3.1	-	-	-	-	-	-	-	-	-	-	-
32	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	STONE, CLAY, AND GLASS PRODUCTS . . . . .	14.6	3.8	2.6	.8	.7	.5	.1	.9	.5	-	-	-	.1
34	PRIMARY METAL INDUSTRIES . . . . .	79.2	22.6	-	19.5	-	-	-	-	3.0	-	-	-	-
35	FABRICATED METAL PRODUCTS . . . . .	2.8	.6	-	-	-	-	-	-	-	-	-	-	-
36	MACHINERY, EXCEPT ELECTRICAL . . . . .	1.3	.7	-	-	-	-	-	-	.4	-	-	-	.3
37	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	4.8	1.1	-	.4	.6	-	-	.1	.1	.7	-	.1	.1
38	TRANSPORTATION EQUIPMENT . . . . .	5.1	1.8	-	-	-	-	-	-	-	-	-	-	-
39	INSTRUMENTS AND RELATED PRODUCTS . . . . .	.4	-	-	-	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	WESTERN GREAT LAKES . . . . .	1 811.3	755.6	86.4	528.8	127.9	6.7	27.2	1.5	163.1	523.1	8.5	9.5	199.5
21	FOOD AND KINDRED PRODUCTS . . . . .	62.9	12.3	.6	1.6	.2	.2	.7	-	.7	-	-	6.5	4.5
22	TOBACCO MANUFACTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
24	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
25	LUMBER AND WOOD PRODUCTS . . . . .	2.8	2.6	-	-	-	-	-	-	-	-	-	-	-
26	FURNITURE AND FIXTURES . . . . .	1.1	-	-	-	-	-	-	-	-	-	-	-	-
28	PAPER AND ALLIED PRODUCTS . . . . .	162.6	66.0	7.8	33.1	4.0	-	-	-	25.0	-	-	-	10.3
29	CHEMICALS AND ALLIED PRODUCTS . . . . .	113.2	38.4	1.1	33.5	23.7	-	23.1	-	2.6	25.6	.1	.9	.7
30	PETROLEUM AND COAL PRODUCTS . . . . .	158.0	78.8	-	76.1	13.8	-	-	-	16.1	-	-	-	-
31	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	10.8	1.0	-	-	-	-	-	-	-	-	-	-	-
32	LEATHER AND LEATHER PRODUCTS . . . . .	4.3	2.2	-	.3	-	-	-	-	-	-	-	-	1.4
33	STONE, CLAY, AND GLASS PRODUCTS . . . . .	25.9	1.5	-	1.4	-	-	-	-	-	-	-	-	-
34	PRIMARY METAL INDUSTRIES . . . . .	1 181.9	543.8	73.8	377.1	83.9	-	-	-	115.6	42.9	-	-	169.1
35	FABRICATED METAL PRODUCTS . . . . .	10.1	1.6	-	.3	.7	-	-	.1	.3	450.9	-	.1	-
36	MACHINERY, EXCEPT ELECTRICAL . . . . .	22.6	2.0	1.1	.5	(2)	-	-	-	1.2	-	-	-	-
37	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	10.7	1.0	-	.2	-	-	-	-	.2	.5	-	-	.3
38	TRANSPORTATION EQUIPMENT . . . . .	20.7	3.6	.8	2.1	.8	-	-	-	-	1.7	-	-	-
39	INSTRUMENTS AND RELATED PRODUCTS . . . . .	1.5	-	-	-	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . . . .	.7	-	-	-	-	-	-	-	-	-	-	-	-
20	UPPER MISSISSIPPI . . . . .	581.6	137.8	10.8	42.6	15.6	5.0	1.3	2.1	77.1	10.7	-	14.6	10.7
21	FOOD AND KINDRED PRODUCTS . . . . .	115.7	20.9	3.5	9.9	3.7	2.1	.4	.8	5.3	.8	-	.5	3.2
22	TOBACCO MANUFACTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
24	TEXTILE MILL PRODUCTS . . . . .	.7	-	-	-	-	-	-	-	-	-	-	-	-
25	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	PAPER AND ALLIED PRODUCTS . . . . .	124.3	19.4	4.1	7.7	-	-	-	-	1.1	-	-	-	4.3
29	CHEMICALS AND ALLIED PRODUCTS . . . . .	87.0	24.3	-	6.1	-	-	-	-	17.1	3.5	-	-	.6
30	PETROLEUM AND COAL PRODUCTS . . . . .	14.6	9.7	-	8.0	7.6	-	-	-	9.1	-	-	-	1.6
31	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	5.5	-	-	-	-	-	-	-	-	-	-	-	-
32	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	STONE, CLAY, AND GLASS PRODUCTS . . . . .	46.8	3.0	-	2.4	1.5	-	-	-	1.6	-	-	-	-
34	PRIMARY METAL INDUSTRIES . . . . .	120.2	39.7	-	3.6	-	-	-	-	28.8	1.3	-	10.8	-
35	FABRICATED METAL PRODUCTS . . . . .	6.2	.8	-	-	-	-	-	-	-	.4	-	-	.6
36	MACHINERY, EXCEPT ELECTRICAL . . . . .	35.8	17.5	-	-	-	-	-	-	12.8	.1	-	-	-
37	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	6.0	.5	-	-	-	-	-	-	-	.2	-	-	-
38	TRANSPORTATION EQUIPMENT . . . . .	6.2	1.0	-	1.0	-	-	-	-	-	-	-	-	-
39	INSTRUMENTS AND RELATED PRODUCTS . . . . .	3.1	-	-	-	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . . . .	1.1	-	-	-	-	-	-	-	-	-	-	-	-
20	LOWER MISSISSIPPI . . . . .	744.6	157.1	3.2	100.6	84.7	.4	-	1.2	23.8	19.4	-	3.2	12.7
21	FOOD AND KINDRED PRODUCTS . . . . .	62.2	14.1	-	1.4	-	-	-	-	10.3	-	-	-	-
22	TOBACCO MANUFACTURES . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-	-	-
24	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-	-	-
25	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	PAPER AND ALLIED PRODUCTS . . . . .	57.0	11.7	-	-	-	-	-	-	-	-	-	-	-
29	CHEMICALS AND ALLIED PRODUCTS . . . . .	334.7	41.2	3.2	16.7	7.5	-	-	1.2	2.5	18.5	-	2.9	1.4
30	PETROLEUM AND COAL PRODUCTS . . . . .	123.8	88.0	-	-	-	-	-	-	-	-	-	-	4.7
31	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	4.3	-	-	-	-	-	-	-	-	-	-	-	-
32	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	STONE, CLAY, AND GLASS PRODUCTS . . . . .	1.8	.6	-	.3	-	-	-	-	-	-	-	-	-
34	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
35	FABRICATED METAL PRODUCTS . . . . .	1.3	-	-	-	-	-	-	-	-	-	-	-	-
36	MACHINERY, EXCEPT ELECTRICAL . . . . .	.6	-	-	-	-	-	-	-	-	-	-	-	-
37	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	-	-	-	-	-	-	-	-	-	-	-	-
38	TRANSPORTATION EQUIPMENT . . . . .	1.6	-	-	-	-	-	-	-	-	-	-	-	-
39	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	MISSOURI . . . . .	141.9	64.6	2.2	46.9	7.3	.3	-	3.1	25.7	2.6	-	.8	8.3
21	FOOD AND KINDRED PRODUCTS . . . . .	53.2	29.9	.2	17.4	3.2	-	-	-	8.8	.1	-	-	6.4
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.



TABLE 8. Water Discharged, Water Treated Prior to Discharge and Number of Establishments Treating Water Prior to Discharge by Type of Treatment: 1968—Continued

## B. WATER USE REGIONS AND MAJOR INDUSTRY GROUPS—Continued

Code	Water use region and major industry group	Number of establishments treating water prior to discharge by type of treatment												
		Total	Coagulation	Settling		Trickling filters	Activated sludge	Digestion	Ponds or lagoons	pH	Sand filtration	Chlorination	Flotation	Other
				Primary	Secondary									
20	TENNESSEE . . . . .	102	9	38	20	8	12	15	46	34	6	17	24	111
21	FOOD AND KINDRED PRODUCTS . . . . .	9	-	4	2	1	-	-	3	1	-	1	3	23
22	TEXTILE MILL PRODUCTS . . . . .	14	2	4	2	1	3	1	7	3	-	2	6	31
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	7	-	6	1	-	1	1	1	-	-	-	2	3
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	31	1	12	6	3	5	5	24	16	2	6	5	8
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	6	2	1	1	1	-	1	2	1	-	1	1	11
33	PRIMARY METAL INDUSTRIES . . . . .	12	2	4	3	1	2	3	6	4	-	3	1	7
34	FABRICATED METAL PRODUCTS . . . . .	3	-	1	1	-	-	1	-	-	-	1	1	3
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	(D)	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	10	1	3	2	1	1	1	-	6	3	2	2	3
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	(D)	-	(D)
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	SOUTHEAST . . . . .	410	25	141	61	33	49	52	188	64	14	52	98	665
21	FOOD AND KINDRED PRODUCTS . . . . .	62	1	13	4	5	8	6	28	2	2	10	19	153
22	TOBACCO MANUFACTURES . . . . .	3	-	-	-	-	-	-	-	-	-	-	-	9
24	TEXTILE MILL PRODUCTS . . . . .	132	4	36	19	9	22	23	61	8	5	19	30	274
25	LUMBER AND WOOD PRODUCTS . . . . .	4	-	1	2	-	-	-	1	-	-	-	-	18
26	FURNITURE AND FIXTURES . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	12
28	PAPER AND ALLIED PRODUCTS . . . . .	47	5	31	8	2	2	2	27	-	-	1	9	16
29	CHEMICALS AND ALLIED PRODUCTS . . . . .	63	5	29	7	5	7	5	31	28	1	5	17	43
30	PETROLEUM AND COAL PRODUCTS . . . . .	5	-	2	-	1	-	-	3	-	-	-	1	4
31	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	6	-	-	1	-	1	-	2	-	-	2	1	2
32	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	-	-	(D)	(D)	-	(D)	-	(D)	-	-	-	-
33	STONE, CLAY, AND GLASS PRODUCTS . . . . .	31	6	9	7	2	4	7	13	5	1	3	6	38
34	PRIMARY METAL INDUSTRIES . . . . .	8	-	5	1	2	-	1	4	-	-	-	1	32
35	FABRICATED METAL PRODUCTS . . . . .	5	-	2	2	1	1	1	3	2	-	1	1	18
36	MACHINERY, EXCEPT ELECTRICAL . . . . .	9	1	3	1	1	1	-	5	1	1	2	4	6
37	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	22	2	5	6	2	1	5	5	11	3	6	5	23
38	TRANSPORTATION EQUIPMENT . . . . .	5	-	3	2	2	2	2	2	2	-	1	1	11
39	INSTRUMENTS AND RELATED PRODUCTS . . . . .	3	-	1	-	-	-	-	1	-	-	-	1	3
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	WESTERN GREAT LAKES . . . . .	313	48	153	61	15	24	14	87	81	6	28	75	682
21	FOOD AND KINDRED PRODUCTS . . . . .	54	4	20	6	5	3	3	12	2	-	6	15	146
22	TOBACCO MANUFACTURES . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	1
24	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
25	LUMBER AND WOOD PRODUCTS . . . . .	4	-	2	-	-	-	-	2	-	-	-	1	4
26	FURNITURE AND FIXTURES . . . . .	3	-	2	-	-	-	-	-	1	-	1	-	9
28	PAPER AND ALLIED PRODUCTS . . . . .	43	6	28	8	3	3	1	16	1	1	2	13	39
29	CHEMICALS AND ALLIED PRODUCTS . . . . .	42	6	24	11	2	10	2	14	23	4	6	10	42
30	PETROLEUM AND COAL PRODUCTS . . . . .	13	1	10	5	-	-	-	7	1	-	-	3	10
31	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	6	2	3	2	-	2	2	2	3	-	2	-	25
32	LEATHER AND LEATHER PRODUCTS . . . . .	10	1	4	1	-	-	-	1	1	-	-	5	10
33	STONE, CLAY, AND GLASS PRODUCTS . . . . .	9	2	6	1	1	1	1	3	1	-	-	2	30
34	PRIMARY METAL INDUSTRIES . . . . .	43	12	23	8	2	2	1	11	8	1	3	13	89
35	FABRICATED METAL PRODUCTS . . . . .	32	3	6	9	1	1	4	7	18	-	4	3	82
36	MACHINERY, EXCEPT ELECTRICAL . . . . .	18	5	12	4	-	-	-	5	3	-	1	2	80
37	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	16	1	4	-	-	1	-	4	10	-	-	4	43
38	TRANSPORTATION EQUIPMENT . . . . .	18	5	8	5	-	-	-	3	9	-	2	2	42
39	INSTRUMENTS AND RELATED PRODUCTS . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	11
39	MISC. MANUFACTURING INDUSTRIES . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	9
20	UPPER MISSISSIPPI . . . . .	238	17	80	37	14	13	21	85	46	2	24	58	499
21	FOOD AND KINDRED PRODUCTS . . . . .	101	5	31	15	7	6	10	38	8	1	4	27	196
22	TOBACCO MANUFACTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
24	TEXTILE MILL PRODUCTS . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	4
25	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	PAPER AND ALLIED PRODUCTS . . . . .	28	4	9	2	1	-	1	5	3	-	3	8	21
29	CHEMICALS AND ALLIED PRODUCTS . . . . .	25	1	11	3	-	2	3	13	9	-	-	5	28
30	PETROLEUM AND COAL PRODUCTS . . . . .	7	1	5	4	1	1	-	6	1	-	-	4	5
31	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	3	-	1	-	-	2	-	1	-	-	1	-	15
32	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	STONE, CLAY, AND GLASS PRODUCTS . . . . .	12	-	6	4	1	1	-	5	1	1	1	2	24
34	PRIMARY METAL INDUSTRIES . . . . .	12	-	4	1	2	-	2	6	5	-	4	1	34
35	FABRICATED METAL PRODUCTS . . . . .	12	-	1	-	-	-	1	2	4	-	3	4	41
36	MACHINERY, EXCEPT ELECTRICAL . . . . .	17	1	3	3	1	1	1	5	6	-	1	3	53
37	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	11	1	3	1	-	-	-	-	5	-	3	1	34
38	TRANSPORTATION EQUIPMENT . . . . .	5	3	4	3	-	-	1	3	2	-	2	-	14
39	INSTRUMENTS AND RELATED PRODUCTS . . . . .	3	-	1	-	-	-	-	-	1	-	1	1	9
39	MISC. MANUFACTURING INDUSTRIES . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	7
20	LOWER MISSISSIPPI . . . . .	85	4	30	9	6	3	5	27	21	1	7	21	150
21	FOOD AND KINDRED PRODUCTS . . . . .	21	-	5	1	-	-	-	13	-	-	1	2	61
22	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	6
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	(D)	-	-	(D)	(D)
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	-	-	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	6	-	2	-	-	-	-	1	1	-	-	3	8
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	31	4	13	5	2	1	5	8	15	1	5	5	23
29	PETROLEUM AND COAL PRODUCTS . . . . .	9	-	3	2	1	-	-	3	1	-	-	4	3
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	8
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	6	-	5	-	2	1	-	-	1	-	1	1	5
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34	FABRICATED METAL PRODUCTS . . . . .	3	-	-	-	-	-	-	1	-	-	-	3	8
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	4
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	-	(D)	-	-	(D)	-	-	-	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	4
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	MISSOURI . . . . .	119	12	63	16	8	2	10	39	25	2	4	25	162
21	FOOD AND KINDRED PRODUCTS . . . . .	66	4	38	5	-	1	2	16	5	-	2	14	93
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.



TABLE 8. Water Discharged, Water Treated Prior to Discharge and Number of Establishments Treating Water Prior to Discharge by Type of Treatment: 1968—Continued

## B. WATER USE REGIONS AND MAJOR INDUSTRY GROUPS—Continued

Code	Water use region and major industry group	Water discharged (billion gallons)												
		Total	Treated prior to discharge by type of treatment											
			Total	Coagulation	Settling		Trickling filters	Activated sludge	Digestion	Ponds or lagoons	pH	Sand filtration	Chlorination	Flotation
				Primary	Secondary									
26	MISSOURI	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
28	PAPER AND ALLIED PRODUCTS . . . . .	17.5	2.7	-	-	-	-	-	-	1.7	.5	-	-	.5
29	CHEMICALS AND ALLIED PRODUCTS . . . . .	19.3	17.0	-	14.5	2.9	-	-	-	14.8	-	-	-	-
30	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	STONE, CLAY, AND GLASS PRODUCTS . . . . .	2.6	1.0	-	-	-	-	-	-	-	-	-	-	-
34	PRIMARY METAL INDUSTRIES . . . . .	19.9	-	-	-	-	-	-	-	-	-	-	-	-
35	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	MACHINERY, EXCEPT ELECTRICAL . . . . .	.4	.1	-	-	-	-	-	-	-	-	-	-	-
37	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	.9	.5	-	-	-	-	-	-	.3	-	-	-	-
38	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	ARKANSAS, WHITE AND RED . . . . .	184.6	123.6	4.1	62.5	8.1	1.8	2.8	.7	103.1	3.7	-	1.9	16.1
22	FOOD AND KINDRED PRODUCTS . . . . .	14.8	2.5	-	.9	-	-	-	-	.2	-	-	-	1.4
24	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
26	LUMBER AND WOOD PRODUCTS . . . . .	1.5	.3	-	-	-	-	-	-	.3	-	-	-	-
28	PAPER AND ALLIED PRODUCTS . . . . .	78.9	77.8	-	41.0	-	-	-	-	76.4	-	-	-	-
29	CHEMICALS AND ALLIED PRODUCTS . . . . .	38.5	15.8	-	.3	-	.1	.1	-	15.1	.8	-	-	-
30	PETROLEUM AND COAL PRODUCTS . . . . .	13.6	12.6	-	8.6	4.6	-	2.6	-	10.4	2.5	-	-	3.5
31	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	STONE, CLAY, AND GLASS PRODUCTS . . . . .	1.9	.5	-	-	-	-	-	-	-	-	-	-	.3
34	PRIMARY METAL INDUSTRIES . . . . .	28.7	12.4	-	-	-	-	-	-	-	-	-	-	-
35	FABRICATED METAL PRODUCTS . . . . .	1.0	.1	-	-	-	-	-	-	-	-	-	-	-
36	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	1.1	.1	-	-	-	-	-	-	.1	-	-	-	-
38	TRANSPORTATION EQUIPMENT . . . . .	1.5	.3	-	-	-	-	-	-	-	-	-	-	-
39	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	WESTERN GULF . . . . .	1 899.1	440.4	12.6	226.5	82.7	4.4	18.1	2.1	166.4	72.3	2.7	26.5	246.0
22	FOOD AND KINDRED PRODUCTS . . . . .	16.7	1.4	-	.7	-	-	-	-	-	-	-	-	.2
24	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	LUMBER AND WOOD PRODUCTS . . . . .	1.3	-	-	-	-	-	-	-	-	-	-	-	-
28	PAPER AND ALLIED PRODUCTS . . . . .	51.1	51.1	-	30.7	23.4	-	-	-	23.8	-	-	-	-
29	CHEMICALS AND ALLIED PRODUCTS . . . . .	1 313.6	71.0	5.3	24.1	10.3	-	2.7	.5	21.5	12.2	2.2	24.6	12.2
30	PETROLEUM AND COAL PRODUCTS . . . . .	334.3	297.2	5.3	153.0	32.8	2.4	3.1	1	119.2	57.1	-	.1	229.4
31	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	LEATHER AND LEATHER PRODUCTS . . . . .	2.7	.2	-	-	-	-	-	-	-	-	-	-	.2
33	STONE, CLAY, AND GLASS PRODUCTS . . . . .	159.7	15.1	-	15.9	-	-	-	-	-	-	-	-	-
34	PRIMARY METAL INDUSTRIES . . . . .	.5	.1	-	-	-	-	-	-	-	-	-	-	-
35	FABRICATED METAL PRODUCTS . . . . .	1.3	-	-	-	-	-	-	-	-	-	-	-	-
36	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
38	TRANSPORTATION EQUIPMENT . . . . .	14.6	1.1	-	-	-	-	-	-	-	-	-	-	.7
20	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	COLORADO BASIN . . . . .	18.3	3.5	-	.8	-	-	-	-	2.2	.8	-	.2	.2
22	FOOD AND KINDRED PRODUCTS . . . . .	1.5	-	-	-	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . . . .	.1	-	-	-	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31	PRIMARY METAL INDUSTRIES . . . . .	8.5	.6	-	-	-	-	-	-	.6	-	-	-	-
32	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
35	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	GREAT BASIN . . . . .	26.8	11.5	-	9.9	1.9	-	-	-	8.9	-	-	-	-
22	FOOD AND KINDRED PRODUCTS . . . . .	3.7	1.8	-	-	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	PETROLEUM AND COAL PRODUCTS . . . . .	1.5	-	-	-	-	-	-	-	-	-	-	-	-
29	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
35	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	CALIFORNIA . . . . .	314.1	174.0	8.0	106.3	79.9	.3	3.2	.4	104.7	49.6	.2	13.9	58.0
22	FOOD AND KINDRED PRODUCTS . . . . .	60.6	17.7	-	4.7	-	-	-	-	5.6	3.9	-	2.8	3.7
24	TEXTILE MILL PRODUCTS . . . . .	.8	-	-	-	-	-	-	-	-	-	-	-	-
26	LUMBER AND WOOD PRODUCTS . . . . .	27.4	.8	-	-	-	-	-	-	-	-	-	-	-
28	PAPER AND ALLIED PRODUCTS . . . . .	44.4	21.5	-	2.5	-	-	-	-	-	20.2	-	-	-
29	CHEMICALS AND ALLIED PRODUCTS . . . . .	26.8	18.0	3.0	11.4	1.0	-	-	-	14.5	15.8	-	-	.4
30	PETROLEUM AND COAL PRODUCTS . . . . .	101.8	92.8	4.3	79.2	75.0	-	-	-	73.0	7.5	-	-	40.5
31	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	1.2	-	-	-	-	-	-	-	-	-	-	-	-
32	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
33	STONE, CLAY, AND GLASS PRODUCTS . . . . .	22.1	12.1	-	-	-	-	-	-	.6	-	-	-	-
34	PRIMARY METAL INDUSTRIES . . . . .	9.9	7.4	-	-	-	-	-	-	-	.2	-	-	-
35	FABRICATED METAL PRODUCTS . . . . .	1.2	.4	-	-	-	-	-	-	-	-	-	-	-
36	MACHINERY, EXCEPT ELECTRICAL . . . . .	1.2	.2	-	-	-	-	-	-	-	.1	-	-	-
37	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	3.5	.5	-	-	-	-	-	-	-	.3	-	-	.2
38	TRANSPORTATION EQUIPMENT . . . . .	6.4	1.0	-	.2	-	-	-	-	-	.3	-	-	.3
39	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-	-	-
20	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-	-	-
20	PACIFIC NORTHWEST . . . . .	532.5	193.3	5.7	129.2	9.9	3.2	1.3	3.0	81.4	3.9	-	3.9	45.3
22	FOOD AND KINDRED PRODUCTS . . . . .	36.4	18.3	-	13.8	2.9	-	-	-	27.8	-	-	2.0	4.5
24	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	LUMBER AND WOOD PRODUCTS . . . . .	52.6	12.8	-	6.9	-	-	-	-	6.1	-	-	(Z)	-
28	PAPER AND ALLIED PRODUCTS . . . . .	311.7	127.1	-	101.6	-	-	-	-	33.3	-	-	.6	28.3
29	CHEMICALS AND ALLIED PRODUCTS . . . . .	65.3	13.9	-	.8	.1	-	-	-	11.9	1.1	-	-	-
30	PETROLEUM AND COAL PRODUCTS . . . . .	2.4	2.2	-	1.6	-	-	-	-	-	-	-	-	-
31	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 8. Water Discharged, Water Treated Prior to Discharge and Number of Establishments Treating Water Prior to Discharge by Type of Treatment: 1968—Continued

## B. WATER USE REGIONS AND MAJOR INDUSTRY GROUPS—Continued

Code	Water use region and major industry group	Number of establishments treating water prior to discharge by type of treatment												
		Total	Coagulation	Settling		Trickling filters	Activated sludge	Digestion	Ponds or lagoons	pH	Sand filtration	Chlorination	Flotation	Other
				Primary	Secondary									
	MISSOURI													
26	PAPER AND ALLIED PRODUCTS. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	14	1	3	2	3	-	1	8	7	1	-	4	13
29	PETROLEUM AND COAL PRODUCTS. . . . .	11	1	6	5	-	1	2	9	2	-	-	3	8
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31	LEATHER AND LEATHER PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	4	-	1	-	-	-	-	-	-	1	-	2	12
33	PRIMARY METAL INDUSTRIES. . . . .	3	-	3	1	1	-	1	-	-	-	-	-	8
34	FABRICATED METAL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	4	1	1	-	-	-	-	2	2	-	1	-	5
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	5	1	3	1	1	-	1	2	4	-	-	1	5
37	TRANSPORTATION EQUIPMENT. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	ARKANSAS, WHITE AND RED. . . . .	130	9	51	22	14	11	10	65	20	3	8	33	196
20	FOOD AND KINDRED PRODUCTS. . . . .	22	-	7	-	2	1	1	4	1	-	1	10	101
22	TEXTILE MILL PRODUCTS. . . . .	-	-	-	-	-	-	-	-	-	-	-	-	5
24	LUMBER AND WOOD PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS. . . . .	17	2	9	3	1	1	-	13	-	-	-	3	4
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	21	1	5	3	5	4	2	13	4	2	-	2	21
29	PETROLEUM AND COAL PRODUCTS. . . . .	29	3	19	11	-	4	1	22	5	-	-	6	6
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	-	(D)
31	LEATHER AND LEATHER PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	11	-	2	-	2	-	1	3	-	-	-	4	15
33	PRIMARY METAL INDUSTRIES. . . . .	5	-	2	2	2	-	2	-	1	1	3	2	4
34	FABRICATED METAL PRODUCTS. . . . .	5	-	1	-	-	-	-	3	1	-	-	-	6
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	(D)	-	-	(D)	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	6	1	1	-	-	1	-	-	4	-	2	2	2
37	TRANSPORTATION EQUIPMENT. . . . .	4	2	1	1	1	-	1	1	1	-	1	2	4
38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WESTERN GULF. . . . .	176	18	90	37	15	25	32	88	58	7	42	52	209
20	FOOD AND KINDRED PRODUCTS. . . . .	14	1	7	1	-	1	2	3	1	-	2	4	95
22	TEXTILE MILL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
24	LUMBER AND WOOD PRODUCTS. . . . .	3	-	1	-	-	-	-	2	-	-	-	1	3
26	PAPER AND ALLIED PRODUCTS. . . . .	8	2	6	5	1	3	2	4	1	-	3	1	1
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	73	8	34	9	3	12	12	50	30	5	21	18	43
29	PETROLEUM AND COAL PRODUCTS. . . . .	38	5	28	12	6	4	8	21	13	1	5	14	6
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	9	1	2	1	1	-	2	2	-	-	1	4	24
33	PRIMARY METAL INDUSTRIES. . . . .	10	-	5	3	2	2	3	2	3	-	3	3	8
34	FABRICATED METAL PRODUCTS. . . . .	5	-	2	2	-	-	2	3	3	-	1	1	6
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	-	-	-	-	-	-	-	-	-	-	-	-	8
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT. . . . .	8	-	2	2	1	1	2	1	2	-	2	4	6
	COLORADO BASIN. . . . .	23	2	7	1	1	2	3	11	7	-	4	4	23
20	FOOD AND KINDRED PRODUCTS. . . . .	3	1	1	-	-	-	-	2	-	-	-	-	4
22	TEXTILE MILL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
24	LUMBER AND WOOD PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
29	PETROLEUM AND COAL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	PRIMARY METAL INDUSTRIES. . . . .	6	1	1	1	-	-	1	4	1	-	-	2	4
34	FABRICATED METAL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	GREAT BASIN. . . . .	15	-	8	4	3	3	3	9	1	-	3	2	25
20	FOOD AND KINDRED PRODUCTS. . . . .	6	-	2	1	1	1	-	3	-	-	-	2	12
22	TEXTILE MILL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
24	LUMBER AND WOOD PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS. . . . .	3	-	3	2	-	-	-	2	-	-	1	-	-
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
29	PETROLEUM AND COAL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31	LEATHER AND LEATHER PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	12	-	2	2	-	1	2	5	-	1	1	3	36
33	PRIMARY METAL INDUSTRIES. . . . .	10	-	3	-	-	-	-	2	5	-	2	1	17
34	FABRICATED METAL PRODUCTS. . . . .	5	-	2	1	-	-	-	-	3	-	3	1	15
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	7	1	1	-	-	-	-	-	5	-	-	1	7
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	14	-	3	2	-	-	-	-	11	-	2	4	19
37	TRANSPORTATION EQUIPMENT. . . . .	15	2	6	2	-	3	-	1	6	-	1	5	11
38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PACIFIC NORTHWEST. . . . .	169	7	83	22	8	7	9	60	14	1	23	51	191
20	FOOD AND KINDRED PRODUCTS. . . . .	62	1	31	5	3	3	1	19	1	-	5	22	84
22	TEXTILE MILL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
24	LUMBER AND WOOD PRODUCTS. . . . .	18	-	10	3	1	-	2	8	-	-	5	3	55
26	PAPER AND ALLIED PRODUCTS. . . . .	37	2	20	4	-	5	1	11	1	1	6	15	12
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	17	-	8	2	2	2	1	12	5	-	1	2	7
29	PETROLEUM AND COAL PRODUCTS. . . . .	6	-	4	2	2	2	-	3	2	-	-	-	1
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

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TABLE 8. Water Discharged, Water Treated Prior to Discharge and Number of Establishments Treating Water Prior to Discharge by Type of Treatment: 1968—Continued

## B. WATER USE REGIONS AND MAJOR INDUSTRY GROUPS—Continued

Code	Water use region and major industry group	Water discharged (billion gallons)												
		Total	Treated prior to discharge by type of treatment											
			Total	Coagu- lation	Settling		Trickling filters	Activated sludge	Digestion	Ponds or lagoons	pH	Sand filtration	Chlorina- tion	Flotation
					Primary	Secondary								
31	PACIFIC NORTHWEST													
32	LEATHER AND LEATHER PRODUCTS . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	STONE, CLAY, AND GLASS PRODUCTS . . .	3.3	.4	-	-	-	-	-	-	-	-	-	-	-
34	PRIMARY METAL INDUSTRIES . . . . .	54.8	17.8	-	4.3	-	-	-	-	-	-	-	1.1	-
35	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	MACHINERY, EXCEPT ELECTRICAL . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	ELECTRICAL EQUIP. AND SUPPLIES . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	CUMBERLAND . . . . .	36.6	11.7	-	.3	-	-	-	-	11.2	-	-	(2)	-
22	FOOD AND KINDRED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
26	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
28	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	CHEMICALS AND ALLIED PRODUCTS . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31	RUBBER AND PLASTICS PRODUCTS, NEC . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	LEATHER AND LEATHER PRODUCTS . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	STONE, CLAY, AND GLASS PRODUCTS . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
35	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	MACHINERY, EXCEPT ELECTRICAL . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	ELECTRICAL EQUIP. AND SUPPLIES . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	TRANSPORTATION EQUIPMENT . . . . .	(D)	-	-	-	-	-	-	-	-	-	-	-	-
20	ALASKA . . . . .	32.3	16.9	-	-	-	-	-	-	-	-	-	-	-
26	FOOD AND KINDRED PRODUCTS . . . . .	1.2	-	-	-	-	-	-	-	-	-	-	-	-
29	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	STONE, CLAY, AND GLASS PRODUCTS . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	HAWAII . . . . .	93.3	31.2	-	27.9	-	-	-	-	-	-	-	-	-
29	FOOD AND KINDRED PRODUCTS . . . . .	92.2	30.0	-	26.7	-	-	-	-	-	-	-	-	-
32	PETROLEUM AND COAL PRODUCTS . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	STONE, CLAY, AND GLASS PRODUCTS . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

Note: Detailed figures may not add to totals because of independent rounding. The figures shown for industry groups include data for all component industries whether or not separate figures are shown for the individual industries in the group.



TABLE 8. Water Discharged, Water Treated Prior to Discharge and Number of Establishments Treating Water Prior to Discharge by Type of Treatment: 1968—Continued

## B. WATER USE REGIONS AND MAJOR INDUSTRY GROUPS—Continued

		Number of establishments treating water prior to discharge by type of treatment												
Code	Water use region and major industry group	Total	Coagulation	Settling		Trickling filters	Activated sludge	Digestion	Ponds or lagoons	pH	Sand filtration	Chlorination	Flotation	Other
				Primary	Secondary									
	PACIFIC NORTHWEST													
31	LEATHER AND LEATHER PRODUCTS . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS. . . .	5	-	1	1	-	-	-	2	-	-	-	3	12
33	PRIMARY METAL INDUSTRIES . . . . .	17	1	10	3	-	-	3	3	2	-	4	2	10
34	FABRICATED METAL PRODUCTS. . . . .	(D)	(D)	-	-	-	-	-	-	(D)	-	-	-	(D)
35	MACHINERY, EXCEPT ELECTRICAL . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	CUMBERLAND . . . . .	13	-	4	-	-	-	1	4	2	-	4	2	21
20	FOOD AND KINDRED PRODUCTS. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	(D)	-	(D)
22	TEXTILE MILL PRODUCTS. . . . .	-	-	-	-	-	-	-	-	-	-	-	-	4
26	PAPER AND ALLIED PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS. . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC. . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31	LEATHER AND LEATHER PRODUCTS . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS. . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34	FABRICATED METAL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
35	MACHINERY, EXCEPT ELECTRICAL . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	ALASKA . . . . .	6	-	2	1	-	-	-	2	-	-	2	2	6
20	FOOD AND KINDRED PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
29	PETROLEUM AND COAL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS. . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	HAWAII / . . . . .	12	1	9	3	-	-	-	2	2	1	-	3	16
20	FOOD AND KINDRED PRODUCTS. . . . .	11	1	8	2	-	-	-	2	1	1	-	2	15
29	PETROLEUM AND COAL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS. . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

Standard notes: — Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures of individual companies. (Z) Less than 50 million gallons.

TABLE 8. Water Discharged, Water Treated Prior to Discharge and Number of Establishments Treating Water Prior to Discharge by Type of Treatment: 1968

## C. STATES AND MAJOR INDUSTRY GROUPS

Code	State and major industry group	Water discharged (billion gallons)												
		Total	Treated prior to discharge by type of treatment											
			Total	Coagu- lation	Settling		Trickling filters	Activated sludge	Digestion	Ponds or lagoons	pH	Sand filtration	Chlorina- tion	Flotation
Primary	Secondary													
	UNITED STATES, TOTAL . . . . .	14 275.9	4 353.2	224.7	2 516.8	959.5	90.3	119.7	33.4	1 678.0	1 000.5	113.2	219.3	975.3
	NEW ENGLAND DIVISION . . . . .	563.1	56.2	2.8	26.2	4.7	.4	.2	.4	11.9	4.5	.4	1.4	18.3
	MAINE . . . . .	153.0	19.7	-	12.2	-	-	(2)	-	2.0	-	-	-	6.0
20	FOOD AND KINDRED PRODUCTS. . . . .	2.5	1.4	-	-	-	-	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS. . . . .	(D)	-	-	-	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS. . . . .	(D)	-	-	-	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . . . .	145.8	16.7	-	-	-	-	-	-	-	-	-	-	(D)
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	(D)	-	-	-	-	-	-	-	-	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	-	-	-	-	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS. . . . .	1.6	1.5	-	-	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	(D)	-	-	-	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	(2)	-	-	-	-	-	-	-	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	(2)	-	-	-	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT. . . . .	(D)	-	-	-	-	-	-	-	-	-	-	-	-
38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	(D)	-	-	-	-	-	-	-	-	-	-	-	-
	NEW HAMPSHIRE. . . . .	55.6	8.0	-	-	-	-	-	-	-	-	-	-	6.9
20	FOOD AND KINDRED PRODUCTS. . . . .	(D)	-	-	-	-	-	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS. . . . .	(D)	-	-	-	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . . . .	49.0	7.6	-	-	-	-	-	-	-	-	-	-	6.8
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	(D)	-	-	-	-	-	-	-	-	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	-	-	-	-	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS. . . . .	.9	-	-	-	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	(D)	-	-	-	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES. . . . .	(D)	-	-	-	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS. . . . .	(2)	-	-	-	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	(D)	-	-	-	-	-	-	-	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	.9	-	-	-	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT. . . . .	(D)	-	-	-	-	-	-	-	-	-	-	-	-
38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	(D)	-	-	-	-	-	-	-	-	-	-	-	-
	VERMONT. . . . .	6.4	.8	-	-	-	-	-	-	.2	-	-	-	-
20	FOOD AND KINDRED PRODUCTS. . . . .	(D)	-	-	-	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . . . .	(D)	-	-	-	-	-	-	-	-	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	-	-	-	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	(D)	-	-	-	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	(D)	-	-	-	-	-	-	-	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	(D)	-	-	-	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT. . . . .	(D)	-	-	-	-	-	-	-	-	-	-	-	-
38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	(2)	-	-	-	-	-	-	-	-	-	-	-	-
	MASSACHUSETTS. . . . .	141.5	13.1	2.0	9.8	3.2	.4	-	-	2.9	1.5	-	.6	1.3
20	FOOD AND KINDRED PRODUCTS. . . . .	13.8	.2	-	.1	-	-	-	-	2.9	-	-	-	-
22	TEXTILE MILL PRODUCTS. . . . .	5.0	.9	-	-	-	-	-	-	-	-	-	-	.3
24	LUMBER AND WOOD PRODUCTS. . . . .	(D)	-	-	-	-	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES. . . . .	(D)	-	-	-	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . . . .	46.2	8.4	-	7.4	-	-	-	-	2.3	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	11.2	1.2	-	1.0	.8	-	-	-	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS. . . . .	(D)	-	-	-	-	-	-	-	-	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	9.2	.1	-	-	-	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS. . . . .	1.0	.6	-	-	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	(D)	-	-	-	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES. . . . .	(D)	-	-	-	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS. . . . .	(D)	-	-	-	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	23.2	.2	-	-	-	-	-	-	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	6.5	.6	-	-	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT. . . . .	(D)	-	-	-	-	-	-	-	-	-	-	-	-
38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	9.1	-	-	-	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES. . . . .	(D)	-	-	-	-	-	-	-	-	-	-	-	-
	RHODE ISLAND. . . . .	19.6	5.9	-	1.6	.2	-	-	-	4.2	.7	.2	-	.4
20	FOOD AND KINDRED PRODUCTS. . . . .	(D)	-	-	-	-	-	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS. . . . .	5.4	3.4	-	-	-	-	-	-	3.3	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . . . .	(D)	-	-	-	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	(D)	-	-	-	-	-	-	-	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS. . . . .	(D)	-	-	-	-	-	-	-	-	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	-	-	-	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	(D)	-	-	-	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES. . . . .	5.8	.4	-	-	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS. . . . .	(D)	-	-	-	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	(D)	-	-	-	-	-	-	-	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	(D)	-	-	-	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES. . . . .	(D)	-	-	-	-	-	-	-	-	-	-	-	-
	CONNECTICUT. . . . .	187.0	8.8	.4	2.0	.3	-	-	-	2.6	2.1	-	.5	3.7
20	FOOD AND KINDRED PRODUCTS. . . . .	.3	-	-	-	-	-	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS. . . . .	3.5	-	-	-	-	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES. . . . .	(2)	-	-	-	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . . . .	4.1	3.5	-	-	-	-	-	-	-	-	-	-	2.5
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	36.5	.2	-	-	-	-	-	-	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS. . . . .	(2)	-	-	-	-	-	-	-	-	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	9.2	-	-	-	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	.9	-	-	-	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES. . . . .	23.1	1.3	-	.9	-	-	-	-	-	.5	-	-	-
34	FABRICATED METAL PRODUCTS. . . . .	4.3	.2	-	.1	-	-	-	-	-	.1	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	3.2	.1	-	(2)	-	-	-	-	-	.1	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	3.6	.2	-	-	-	-	-	-	-	.2	-	-	-
37	TRANSPORTATION EQUIPMENT. . . . .	90.6	.7	-	.2	-	-	-	-	-	.3	-	-	-
38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	2.0	-	-	-	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES. . . . .	4.4	.3	-	-	-	-	-	-	-	.2	-	-	-
	MIDDLE ATLANTIC DIVISION. . . . .	2 380.3	741.6	41.4	496.4	153.4	6.8	16.0	9.2	190.6	147.5	97.6	39.4	48.4
	NEW YORK. . . . .	519.0	146.2	1.4	113.5	11.9	.6	.8	.3	19.1	9.5	.3	1.8	11.8
20	FOOD AND KINDRED PRODUCTS. . . . .	38.2	3.0	-	1.1	-	-	-	-	.8	.3	-	.7	.6
21	TOBACCO MANUFACTURES. . . . .	(D)	-	-	-	-	-	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS. . . . .	(D)	-	-	-	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS. . . . .	(D)	-	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE 8. Water Discharged, Water Treated Prior to Discharge and Number of Establishments Treating Water Prior to Discharge by Type of Treatment: 1968—Continued

## C. STATES AND MAJOR INDUSTRY GROUPS—Continued

Code	State and major industry group	Number of establishments treating water prior to discharge by type of treatment												
		Total	Coagulation	Settling		Trickling filters	Activated sludge	Digestion	Ponds or lagoons	pH	Sand filtration	Chlorination	Flotation	Other
				Primary	Secondary									
	UNITED STATES, TOTAL . . . . .	3 521	359	1 513	613	221	252	313	1 191	910	106	483	859	5 881
	NEW ENGLAND DIVISION . . . . .	208	18	91	27	8	11	8	49	59	12	33	53	503
	MAINE . . . . .	21	-	7	2	-	4	-	7	1	1	2	7	44
20	FOOD AND KINDRED PRODUCTS . . . . .	5	-	1	-	-	1	-	2	1	-	1	2	12
22	TEXTILE MILL PRODUCTS . . . . .	(0)	-	(0)	-	-	-	-	(0)	-	-	-	(0)	(0)
24	LUMBER AND WOOD PRODUCTS . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	(0)
26	PAPER AND ALLIED PRODUCTS . . . . .	7	-	2	-	-	1	-	1	-	-	-	4	14
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	(0)
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(0)	-	-	-	-	-	-	-	-	(0)	-	-	-
31	LEATHER AND LEATHER PRODUCTS . . . . .	5	-	3	2	-	-	-	3	-	-	-	-	2
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	(0)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	(0)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(0)	-	-	-	-	(0)	-	-	-	-	(0)	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	(0)	-	-	-	-	(0)	-	-	-	-	-	-	(0)
	NEW HAMPSHIRE . . . . .	13	-	2	1	-	1	-	1	1	1	2	6	44
20	FOOD AND KINDRED PRODUCTS . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	(0)
22	TEXTILE MILL PRODUCTS . . . . .	(0)	-	(0)	-	-	(0)	-	(0)	-	-	-	-	(0)
26	PAPER AND ALLIED PRODUCTS . . . . .	5	-	-	-	-	-	-	-	-	-	-	4	5
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	(0)
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	(0)
31	LEATHER AND LEATHER PRODUCTS . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	8
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	(0)
33	PRIMARY METAL INDUSTRIES . . . . .	(0)	-	-	-	-	-	-	-	-	-	(0)	-	(0)
34	FABRICATED METAL PRODUCTS . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	(0)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(0)	-	-	-	-	-	-	-	-	-	-	(0)	(0)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	3	-	-	-	-	-	-	-	1	1	1	1	3
37	TRANSPORTATION EQUIPMENT . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	(0)
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(0)	-	(0)	(0)	-	-	-	-	-	-	-	-	-
	VERMONT . . . . .	6	-	2	1	-	1	1	4	1	-	1	-	16
20	FOOD AND KINDRED PRODUCTS . . . . .	(0)	-	-	-	-	-	-	(0)	-	-	-	-	(0)
26	PAPER AND ALLIED PRODUCTS . . . . .	(0)	-	(0)	-	-	-	-	(0)	-	-	-	-	(0)
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	1
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(0)	-	-	-	-	-	-	(0)	-	-	-	-	(0)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	3
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(0)	-	(0)	(0)	-	(0)	(0)	-	(0)	-	(0)	-	(0)
37	TRANSPORTATION EQUIPMENT . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	(0)
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(0)	-	-	-	-	-	-	(0)	-	-	-	-	-
	MASSACHUSETTS . . . . .	73	8	39	12	4	3	3	12	14	3	11	16	202
20	FOOD AND KINDRED PRODUCTS . . . . .	8	1	5	-	-	-	-	-	-	1	3	1	24
22	TEXTILE MILL PRODUCTS . . . . .	7	1	3	1	-	-	-	2	-	-	1	4	27
24	LUMBER AND WOOD PRODUCTS . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	(0)
25	FURNITURE AND FIXTURES . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	(0)
26	PAPER AND ALLIED PRODUCTS . . . . .	13	1	9	2	-	-	-	4	3	-	-	1	34
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	9	2	6	4	-	1	-	2	3	-	-	3	16
29	PETROLEUM AND COAL PRODUCTS . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	(0)
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	9	1	3	1	-	1	1	1	-	1	3	2	15
31	LEATHER AND LEATHER PRODUCTS . . . . .	4	-	2	-	-	-	1	-	-	-	-	1	5
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(0)	(0)	-	-	-	-	-	-	-	-	-	-	(0)
33	PRIMARY METAL INDUSTRIES . . . . .	(0)	-	(0)	(0)	(0)	-	-	-	(0)	(0)	(0)	-	(0)
34	FABRICATED METAL PRODUCTS . . . . .	(0)	-	(0)	-	-	-	-	-	-	-	-	-	(0)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	4	-	3	1	1	-	-	-	1	-	-	-	14
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	9	-	3	-	1	1	-	1	3	-	1	2	14
37	TRANSPORTATION EQUIPMENT . . . . .	(0)	-	-	-	-	-	-	(0)	-	-	-	-	(0)
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	3	1	1	2	1	-	-	1	2	-	2	-	3
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(0)	-	-	-	-	-	-	-	-	-	-	(0)	(0)
	RHODE ISLAND . . . . .	25	1	10	4	1	1	1	8	9	5	3	6	53
20	FOOD AND KINDRED PRODUCTS . . . . .	(0)	-	-	-	-	-	-	-	-	-	-	(0)	(0)
22	TEXTILE MILL PRODUCTS . . . . .	6	-	-	-	-	-	-	4	-	2	-	-	18
26	PAPER AND ALLIED PRODUCTS . . . . .	(0)	-	-	-	-	-	-	-	-	-	-	(0)	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	(0)	(0)	(0)	-	-	-	-	-	(0)	-	-	-	(0)
29	PETROLEUM AND COAL PRODUCTS . . . . .	(0)	-	(0)	-	-	-	-	(0)	-	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(0)	-	-	-	-	-	-	-	-	-	-	(0)	(0)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(0)	-	(0)	-	-	-	-	-	(0)	-	-	-	(0)
33	PRIMARY METAL INDUSTRIES . . . . .	6	-	3	2	1	1	-	1	3	1	1	2	7
34	FABRICATED METAL PRODUCTS . . . . .	(0)	-	-	-	-	-	-	(0)	-	-	-	-	(0)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(0)	-	(0)	(0)	-	-	(0)	(0)	(0)	(0)	(0)	-	(0)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(0)	-	(0)	-	-	-	-	-	(0)	(0)	-	-	(0)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(0)	-	-	-	-	-	-	-	-	-	(0)	-	(0)
	CONNECTICUT . . . . .	70	9	31	7	3	1	3	17	33	2	14	18	144
20	FOOD AND KINDRED PRODUCTS . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	8
22	TEXTILE MILL PRODUCTS . . . . .	3	-	2	-	-	-	-	1	1	-	-	1	12
25	FURNITURE AND FIXTURES . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	(0)
26	PAPER AND ALLIED PRODUCTS . . . . .	6	-	2	-	1	-	-	2	-	-	1	4	3
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	4	1	2	1	-	-	-	1	2	-	1	2	5
29	PETROLEUM AND COAL PRODUCTS . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	(0)
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	3	-	-	1	-	-	-	2	-	-	-	-	17
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	3	-	2	-	-	-	-	2	-	1	1	-	5
33	PRIMARY METAL INDUSTRIES . . . . .	11	2	5	-	1	-	1	1	7	-	-	2	22
34	FABRICATED METAL PRODUCTS . . . . .	8	-	4	1	-	-	1	2	4	-	2	2	23
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	6	2	4	-	-	-	-	-	4	-	1	1	15
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	8	1	3	-	-	-	-	3	5	-	1	2	9
37	TRANSPORTATION EQUIPMENT . . . . .	6	-	4	2	1	1	-	1	4	-	2	2	7
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	3	-	-	-	-	-	1	-	1	1	2	-	5
39	MISC. MANUFACTURING INDUSTRIES . . . . .	8	3	3	2	-	-	-	2	4	-	2	2	8
	MIDDLE ATLANTIC DIVISION . . . . .	617	80	304	131	36	44	38	149	201	22	103	152	1 019
	NEW YORK . . . . .	187	14	83	25	7	13	10	42	44	6	33	45	353
20	FOOD AND KINDRED PRODUCTS . . . . .	34	-	13	3	-	3	1	13	4	-	6	6	101
21	TOBACCO MANUFACTURES . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	(0)
22	TEXTILE MILL PRODUCTS . . . . .	(0)	-	-	-	-	-	-	(0)	-	-	-	-	(0)
24	LUMBER AND WOOD PRODUCTS . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	(0)

See footnotes at end of table.



TABLE 8. Water Discharged, Water Treated Prior to Discharge and Number of Establishments Treating Water Prior to Discharge by Type of Treatment: 1968—Continued

## C. STATES AND MAJOR INDUSTRY GROUPS—Continued

Code	State and major industry group	Water discharged (billion gallons)												
		Total	Treated prior to discharge by type of treatment											
			Total	Coagu- lation	Settling		Trickling filters	Activated sludge	Digestion	Ponds or lagoons	pH	Sand filtration	Chlorina- tion	Flotation
Primary	Secondary													
NEW YORK														
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . . . .	60.8	13.7	.6	.9	-	-	-	-	-	-	-	-	3.8
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	129.9	14.1	-	9.5	4.4	-	-	-	2.5	6.1	-	.1	-
29	PETROLEUM AND COAL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	4.7	.1	-	-	-	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS . . . . .	.4	.2	-	.2	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	7.2	.8	-	.5	-	-	-	-	-	-	-	.1	-
33	PRIMARY METAL INDUSTRIES . . . . .	156.1	75.5	-	66.1	-	-	-	-	7.1	-	-	-	2.6
34	FABRICATED METAL PRODUCTS. . . . .	2.2	.4	-	-	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	50.2	1.9	-	1.5	1.2	-	-	-	.1	(2)	-	-	1.4
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	14.1	6.8	-	5.0	3.7	-	-	-	-	2.0	-	-	3.0
37	TRANSPORTATION EQUIPMENT . . . . .	18.4	1.5	-	.6	-	-	-	-	-	-	-	-	.2
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	15.0	10.3	-	-	-	-	-	-	-	-	-	-	.1
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
NEW JERSEY . . . . .														
20	FOOD AND KINDRED PRODUCTS. . . . .	391.4	152.9	.7	67.1	47.7	.6	8.5	.2	85.1	87.4	.1	5.5	14.5
22	TEXTILE MILL PRODUCTS. . . . .	15.7	4.6	-	.9	-	-	-	-	-	-	-	.5	3.1
26	PAPER AND ALLIED PRODUCTS. . . . .	17.5	9.3	-	6.3	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	188.4	86.2	-	11.2	9.3	-	7.2	.1	63.1	80.7	-	1.7	8.1
29	PETROLEUM AND COAL PRODUCTS. . . . .	100.5	44.2	-	44.1	32.2	-	-	-	16.4	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	5.4	.4	-	-	-	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	11.3	1.9	-	1.5	1.2	-	-	-	1.5	.9	-	.9	-
33	PRIMARY METAL INDUSTRIES . . . . .	20.4	2.4	-	-	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS. . . . .	1.4	-	-	-	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	9.0	-	-	-	-	-	-	-	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	11.3	.4	-	-	-	-	-	-	-	.1	-	-	.2
37	TRANSPORTATION EQUIPMENT . . . . .	2.7	.4	-	-	-	-	-	-	-	-	-	-	-
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	1.6	-	-	-	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . . . .	1.4	-	-	-	-	-	-	-	-	-	-	-	-
PENNSYLVANIA . . . . .														
20	FOOD AND KINDRED PRODUCTS. . . . .	1 470.0	442.5	39.3	315.8	93.8	5.5	6.7	8.7	86.4	50.6	97.1	32.1	22.1
21	TOBACCO MANUFACTURES . . . . .	33.0	2.2	-	.8	.4	-	-	.1	.2	.1	-	.1	1.2
22	TEXTILE MILL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . . . .	3.0	1.0	-	.3	.1	-	-	-	.6	-	-	-	-
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . . . .	57.6	32.3	2.9	24.1	6.6	-	6.2	-	12.4	8.0	-	-	3.6
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	165.6	9.2	1.3	5.9	4.5	-	.1	-	2.9	5.8	-	2.3	.9
29	PETROLEUM AND COAL PRODUCTS. . . . .	107.8	98.7	3.1	97.4	42.1	-	-	-	-	-	-	-	2.7
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	4.0	.5	-	-	-	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS . . . . .	.9	.7	-	.6	-	-	-	-	.4	.5	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	21.3	1.2	.2	.5	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	1 041.3	291.7	30.8	184.9	38.7	-	-	8.5	69.1	29.2	-	-	12.2
34	FABRICATED METAL PRODUCTS. . . . .	5.4	1.0	.2	.3	-	-	-	-	.4	.4	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	13.1	.4	-	.1	-	-	-	-	-	.1	-	-	.2
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	9.2	2.0	.2	.7	.3	.2	-	-	.1	1.3	-	.3	.3
37	TRANSPORTATION EQUIPMENT . . . . .	4.0	.7	-	-	-	-	-	-	-	-	-	-	-
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	.9	-	-	-	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . . . .	.8	-	-	-	-	-	-	-	-	-	-	-	-
EAST NORTH CENTRAL DIVISION. . . . .														
	OHIO . . . . .	1 128.5	246.3	12.1	171.7	74.5	45.2	.4	.8	94.4	16.0	.6	8.3	40.2
20	FOOD AND KINDRED PRODUCTS. . . . .	15.1	6.9	-	2.7	1.3	-	-	-	-	-	-	-	.8
22	TEXTILE MILL PRODUCTS. . . . .	1.1	-	-	-	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . . . .	38.6	26.4	-	19.2	5.7	-	-	-	4.6	-	-	-	2.8
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	129.9	33.1	1.2	10.5	6.9	3.8	.2	.1	20.3	9.3	.2	3.7	6.9
29	PETROLEUM AND COAL PRODUCTS. . . . .	54.4	14.1	-	12.0	11.3	-	-	-	-	-	-	-	.9
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	41.5	1.0	-	-	-	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	18.5	3.1	-	.8	1.5	-	-	-	1.8	.3	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	774.1	147.4	6.2	117.1	46.3	-	.3	59.7	3.9	3.9	-	-	25.5
34	FABRICATED METAL PRODUCTS. . . . .	10.3	1.4	.5	.6	-	-	-	-	1.2	-	-	-	.1
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	8.6	.3	-	-	-	-	-	-	.1	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	17.3	7.4	-	6.9	.3	-	-	-	6.9	.4	-	-	.1
37	TRANSPORTATION EQUIPMENT . . . . .	14.3	2.5	1.0	.9	.5	-	-	-	.6	.6	-	-	.2
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
INDIANA . . . . .														
20	FOOD AND KINDRED PRODUCTS. . . . .	1 072.8	500.8	61.9	397.3	98.2	2.1	.8	.4	59.3	46.2	8.6	7.8	182.5
24	LUMBER AND WOOD PRODUCTS . . . . .	17.3	5.9	-	1.0	-	-	-	-	.7	-	-	-	1.1
25	FURNITURE AND FIXTURES . . . . .	.6	-	-	-	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . . . .	6.9	1.5	-	-	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	36.2	4.3	-	2.0	-	-	-	-	2.5	1.2	-	-	-
29	PETROLEUM AND COAL PRODUCTS. . . . .	73.9	73.5	-	73.4	-	-	-	-	11.3	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	5.2	.2	-	-	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	12.4	.8	-	.6	-	-	-	(2)	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	893.7	410.4	59.8	317.8	83.9	-	-	.4	43.0	42.8	-	1.4	168.7
34	FABRICATED METAL PRODUCTS. . . . .	2.7	.2	-	-	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	4.3	.4	-	-	-	-	-	-	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	8.6	1.3	-	.3	-	-	-	-	-	1.0	-	-	.5
37	TRANSPORTATION EQUIPMENT . . . . .	9.5	1.9	.6	-	-	-	-	-	.7	.6	-	-	-
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
ILLINOIS . . . . .														
20	FOOD AND KINDRED PRODUCTS. . . . .	652.9	195.8	22.2	90.2	13.2	3.7	1.4	1.4	109.4	9.4	-	2.0	10.2
21	TOBACCO MANUFACTURES . . . . .	53.7	6.3	-	1.3	.6	-	.5	-	1.5	.3	-	-	2.6
22	TEXTILE MILL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . . . .	20.3	6.2	-	3.8	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	56.4	13.1	.3	5.9	1.0	-	.6	(2)	6.4	1.8	-	-	-

See footnotes at end of table.

TABLE 8. Water Discharged, Water Treated Prior to Discharge and Number of Establishments Treating Water Prior to Discharge by Type of Treatment: 1968—Continued

## C. STATES AND MAJOR INDUSTRY GROUPS—Continued

Code	State and major industry group	Number of establishments treating water prior to discharge by type of treatment												
		Total	Coagulation	Settling		Trickling filters	Activated sludge	Digestion	Ponds or lagoons	pH	Sand filtration	Chlorination	Flotation	Other
				Primary	Secondary									
25	NEW YORK FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	-	(D)	-	(D)	(D)	-	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS. . . . .	22	4	6	1	1	1	-	2	2	-	2	9	28
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	24	2	10	4	1	2	2	6	10	2	7	1	32
29	PETROLEUM AND CDAL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	-	-	-	(D)	-	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	4	-	1	-	-	-	-	1	-	-	2	-	10
31	LEATHER AND LEATHER PRODUCTS. . . . .	5	-	5	-	-	-	-	-	-	-	-	-	2
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	14	-	4	1	1	2	1	1	2	1	5	3	20
33	PRIMARY METAL INDUSTRIES. . . . .	19	-	9	3	-	2	1	5	2	1	2	6	33
34	FABRICATED METAL PRODUCTS. . . . .	4	1	2	1	-	-	-	1	3	-	-	-	18
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	13	-	6	4	1	-	1	4	4	-	1	6	19
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	20	3	14	7	3	1	2	3	10	-	2	4	32
37	TRANSPORTATION EQUIPMENT. . . . .	12	2	5	-	-	1	-	2	3	2	2	4	11
38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	9	1	3	-	-	-	1	-	2	-	2	4	14
39	MISC. MANUFACTURING INDUSTRIES. . . . .	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)	-	(D)	-	(D)
20	NEW JERSEY FDDO AND KINDRED PRODUCTS. . . . .	149	10	67	37	8	11	8	40	60	6	30	34	269
22	TEXTILE MILL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	(D)
26	PAPER AND ALLIED PRODUCTS. . . . .	14	1	7	2	-	2	-	2	2	-	3	5	11
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	56	2	20	13	3	6	4	19	31	1	10	11	64
29	PETROLEUM AND CDAL PRODUCTS. . . . .	7	-	7	4	-	-	-	4	1	-	1	1	1
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	7	1	1	-	1	-	1	1	2	2	1	1	23
31	LEATHER AND LEATHER PRODUCTS. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	13	1	10	9	-	1	1	9	5	-	5	2	13
33	PRIMARY METAL INDUSTRIES. . . . .	7	1	2	1	-	-	-	2	2	1	1	2	33
34	FABRICATED METAL PRODUCTS. . . . .	3	1	2	1	-	-	-	1	2	-	-	-	13
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	3	-	2	-	-	-	-	-	-	-	1	-	15
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	14	-	2	1	-	1	-	-	9	-	2	4	24
37	TRANSPORTATION EQUIPMENT. . . . .	4	-	3	2	2	1	2	-	2	1	2	1	5
38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
39	MISC. MANUFACTURING INDUSTRIES. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
20	PENNSYLVANIA FDDO AND KINDRED PRODUCTS. . . . .	281	56	154	69	21	20	20	67	97	10	40	73	397
21	TOBACCO MANUFACTURES. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS. . . . .	9	4	4	1	2	-	1	4	2	-	1	-	24
24	LUMBER AND WOOD PRODUCTS. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-	(D)
25	FURNITURE AND FIXTURES. . . . .	(D)	(D)	(D)	(D)	-	-	-	(D)	(D)	(D)	-	-	(D)
26	PAPER AND ALLIED PRODUCTS. . . . .	31	9	21	8	2	6	-	12	5	-	3	4	11
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	36	5	20	13	3	4	1	14	18	1	6	7	29
29	PETROLEUM AND CDAL PRODUCTS. . . . .	14	4	9	4	1	-	1	1	1	2	-	5	3
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	7	2	2	1	-	1	1	2	4	-	1	2	24
31	LEATHER AND LEATHER PRODUCTS. . . . .	6	-	5	3	-	-	-	4	4	-	-	1	2
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	13	4	8	3	1	3	3	2	3	-	3	2	48
33	PRIMARY METAL INDUSTRIES. . . . .	51	8	36	16	3	1	7	11	14	3	3	19	65
34	FABRICATED METAL PRODUCTS. . . . .	16	5	7	3	-	-	-	4	6	-	2	2	34
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	14	3	6	2	1	2	1	2	5	-	1	5	26
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	39	5	15	6	5	2	1	4	21	2	9	11	20
37	TRANSPORTATION EQUIPMENT. . . . .	4	2	2	-	-	-	-	-	2	-	2	2	13
38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	3	1	1	2	-	-	-	-	2	1	1	1	8
39	MISC. MANUFACTURING INDUSTRIES. . . . .	3	2	3	1	1	1	1	-	2	-	2	-	4
	EAST NORTH CENTRAL DIVISION	896	128	388	166	53	55	78	278	243	23	94	212	1 644
20	OHIO FDDO AND KINDRED PRODUCTS. . . . .	288	42	132	61	18	15	34	82	85	13	22	65	429
22	TEXTILE MILL PRODUCTS. . . . .	-	-	-	-	-	-	-	-	-	-	-	-	5
24	LUMBER AND WOOD PRODUCTS. . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	-	(D)
25	FURNITURE AND FIXTURES. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
26	PAPER AND ALLIED PRODUCTS. . . . .	24	1	12	4	1	-	-	9	1	1	-	8	17
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	53	8	28	12	8	4	8	19	20	4	5	5	36
29	PETROLEUM AND CDAL PRODUCTS. . . . .	9	-	6	4	-	-	-	1	-	-	-	2	8
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	12	1	3	1	-	2	2	1	1	1	1	4	38
31	LEATHER AND LEATHER PRODUCTS. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	24	2	10	6	2	2	3	7	6	2	1	3	21
33	PRIMARY METAL INDUSTRIES. . . . .	53	7	29	9	3	1	12	18	7	1	11	60	59
34	FABRICATED METAL PRODUCTS. . . . .	22	4	6	3	-	-	-	3	16	-	1	5	36
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	10	2	3	-	1	1	1	3	5	-	-	1	36
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	22	2	9	4	1	-	1	6	13	-	3	5	26
37	TRANSPORTATION EQUIPMENT. . . . .	25	7	12	7	-	1	3	7	12	2	3	7	32
38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	(D)	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES. . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-	-	(D)
20	INDIANA FDDO AND KINDRED PRODUCTS. . . . .	120	22	52	18	9	9	14	36	41	4	15	27	227
24	LUMBER AND WOOD PRODUCTS. . . . .	14	1	5	-	1	2	1	6	2	-	2	4	42
25	FURNITURE AND FIXTURES. . . . .	(D)	(D)	(D)	-	-	-	-	-	(D)	-	-	-	(D)
26	PAPER AND ALLIED PRODUCTS. . . . .	5	1	2	-	-	-	-	3	1	-	-	-	8
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	14	-	5	3	2	3	1	6	8	-	2	1	9
29	PETROLEUM AND CDAL PRODUCTS. . . . .	7	1	6	3	-	-	-	4	-	-	-	2	2
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	4	1	-	1	-	1	1	-	1	1	-	2	13
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	12	2	6	2	1	1	4	3	1	-	-	1	12
33	PRIMARY METAL INDUSTRIES. . . . .	20	7	14	6	3	2	5	6	9	1	4	6	35
34	FABRICATED METAL PRODUCTS. . . . .	8	1	2	-	-	-	-	-	2	-	2	3	26
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	6	1	2	1	2	-	2	3	3	2	1	1	23
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	13	2	4	-	-	-	-	4	9	-	2	5	25
37	TRANSPORTATION EQUIPMENT. . . . .	14	4	3	1	-	-	-	-	4	-	2	2	20
38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	(D)	(D)	(D)	(D)	-	-	-	(D)	-	-	-	-	(D)
39	MISC. MANUFACTURING INDUSTRIES. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
20	ILLINOIS FDDO AND KINDRED PRODUCTS. . . . .	214	25	86	44	8	21	16	71	59	-	18	37	412
21	TOBACCO MANUFACTURES. . . . .	50	2	17	9	2	8	3	17	4	-	2	10	92
22	TEXTILE MILL PRODUCTS. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
24	LUMBER AND WOOD PRODUCTS. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
25	FURNITURE AND FIXTURES. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
26	PAPER AND ALLIED PRODUCTS. . . . .	11	2	8	3	-	1	3	1	1	-	1	3	20
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	33	4	16	7	-	5	4	19	13	-	-	3	34

See footnotes at end of table.



TABLE 8. Water Discharged, Water Treated Prior to Discharge and Number of Establishments Treating Water Prior to Discharge by Type of Treatment: 1968—Continued

## C. STATES AND MAJOR INDUSTRY GROUPS—Continued

Code	State and major industry group	Total	Water discharged (billion gallons)											
			Total	Coagulation	Settling		Trickling filters	Activated sludge	Digestion	Ponds or lagoons	pH	Sand filtration	Chlorination	Flotation
					Primary	Secondary								
29	ILLINOIS													
29	PETROLEUM AND COAL PRODUCTS. . . . .	65.1	13.2	-	12.5	8.9	-	-	-	12.1	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	3.9	1.1	-	-	-	-	.1	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS. . . . .	.9	.4	-	-	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	30.2	1.9	-	1.4	-	-	-	-	1.9	-	-	-	-
33	PRIMARY METAL INDUSTRIES. . . . .	354.5	139.0	14.3	59.6	-	-	-	-	80.1	1.7	-	-	-
34	FABRICATED METAL PRODUCTS. . . . .	6.7	1.0	-	.2	-	-	-	-	-	.6	-	.1	-
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	21.9	9.1	-	2.8	-	-	-	-	6.1	.7	-	-	.3
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	8.0	.9	-	-	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT. . . . .	3.1	1.2	-	.9	-	-	-	-	-	-	-	-	-
38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES. . . . .	.7	-	-	-	-	-	-	-	-	-	-	-	-
20	MICHIGAN. . . . .	738.9	205.8	16.4	83.1	89.3	5.1	26.0	1.1	58.2	486.8	.2	6.5	40.3
20	FOOD AND KINOREO PRODUCTS. . . . .	14.5	2.8	-	.8	-	-	-	-	.6	-	-	-	.4
22	TEXTILE MILL PRODUCTS. . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS. . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES. . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . . . .	69.7	29.7	-	24.7	-	-	-	-	10.0	-	-	-	3.9
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	148.4	44.4	-	32.3	23.2	-	22.6	-	9.1	23.4	.1	4.0	.7
29	PETROLEUM AND COAL PRODUCTS. . . . .	35.5	3.9	-	-	-	-	-	-	3.4	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS. . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	18.3	1.5	-	1.5	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES. . . . .	334.9	113.8	-	18.5	-	-	-	-	32.2	10.3	-	-	34.1
34	FABRICATED METAL PRODUCTS. . . . .	7.3	1.1	-	.3	.5	-	-	-	.3	450.8	.1	-	.1
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	6.7	.2	-	(2)	-	-	-	-	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT. . . . .	89.2	7.1	1.5	3.3	1.1	-	-	-	2.1	1.9	-	1.5	.4
38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES. . . . .	.1	-	-	-	-	-	-	-	-	-	-	-	-
20	WISCONSIN. . . . .	272.9	61.9	6.7	19.5	2.8	2.0	-	-	22.0	2.4	-	.2	11.9
20	FOOD AND KINOREO PRODUCTS. . . . .	33.6	4.6	-	.7	1.2	1.7	-	-	.4	-	-	-	2.1
22	TEXTILE MILL PRODUCTS. . . . .	.3	-	-	-	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS. . . . .	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES. . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . . . .	174.6	47.5	6.6	14.3	1.2	-	-	-	19.6	-	-	-	8.2
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	14.8	3.8	-	-	-	-	-	-	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS. . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	4.5	-	-	-	-	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS. . . . .	2.6	1.4	-	-	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES. . . . .	9.3	3.0	-	1.8	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS. . . . .	3.3	.2	-	-	-	-	-	-	-	.2	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	15.3	.7	-	.3	-	-	-	-	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	4.1	.1	-	.1	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT. . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	.2	-	-	-	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES. . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
20	WEST NORTH CENTRAL DIVISION. . . . .	369.1	124.9	6.7	43.4	12.2	1.2	.9	3.6	66.3	7.1	(2)	13.2	9.9
20	MINNESOTA. . . . .	110.7	30.6	3.3	6.2	1.4	-	-	-	19.3	1.7	-	2.3	2.6
20	FOOD AND KINOREO PRODUCTS. . . . .	30.0	8.8	-	2.8	-	-	-	-	3.0	(2)	-	-	1.5
22	TEXTILE MILL PRODUCTS. . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS. . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . . . .	51.3	5.1	-	-	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS. . . . .	2.4	-	-	-	-	-	-	-	-	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS. . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES. . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS. . . . .	.8	-	-	-	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	.8	(2)	-	-	-	-	-	-	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	.9	-	-	-	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT. . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES. . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
20	IDWA. . . . .	107.4	44.9	.5	11.0	4.9	.8	-	.5	24.0	.8	-	10.8	1.8
20	FOOD AND KINOREO PRODUCTS. . . . .	48.3	12.5	-	9.3	3.9	-	-	-	5.7	-	-	-	1.1
25	FURNITURE AND FIXTURES. . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . . . .	.9	-	-	-	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	11.8	10.6	-	-	-	-	-	-	10.6	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES. . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS. . . . .	.5	-	-	-	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	15.2	9.6	-	-	-	-	-	-	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	1.5	.4	-	-	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT. . . . .	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-	-
38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES. . . . .	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-	-
20	MISSOURI. . . . .	88.7	20.2	.6	16.3	1.1	.3	.1	2.3	5.1	1.4	-	-	.8
20	FOOD AND KINOREO PRODUCTS. . . . .	16.0	.6	-	.3	-	-	-	-	-	-	-	-	-
21	TOBACCO MANUFACTURES. . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS. . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . . . .	1.0	.2	-	-	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	25.7	.5	-	-	-	-	-	-	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS. . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS. . . . .	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	7.4	-	-	-	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES. . . . .	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS. . . . .	1.4	.3	-	-	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.



TABLE 8. Water Discharged, Water Treated Prior to Discharge and Number of Establishments Treating Water Prior to Discharge by Type of Treatment: 1968—Continued

## C. STATES AND MAJOR INDUSTRY GROUPS—Continued

		Number of establishments treating water prior to discharge by type of treatment												
Code	State and major industry group	Total	Coagulation	Settling		Trickling filters	Activated sludge	Digestion	Ponds or lagoons	pH	Sand filtration	Chlorination	Flotation	Other
				Primary	Secondary									
29	ILLINOIS													
30	PETROLEUM AND COAL PRODUCTS . . . . .	12	1	9	4	2	-	-	7	2	-	-	3	9
31	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	7	1	2	2	-	4	2	3	2	-	3	-	13
32	LEATHER AND LEATHER PRODUCTS . . . . .	4	1	2	1	-	-	-	-	-	-	-	2	3
33	STONE, CLAY, AND GLASS PRODUCTS . . . . .	10	-	5	3	-	1	-	6	-	-	1	3	22
34	PRIMARY METAL INDUSTRIES . . . . .	24	6	10	3	1	-	2	9	5	-	1	1	41
35	FABRICATED METAL PRODUCTS . . . . .	21	2	3	5	1	1	2	1	12	-	4	2	49
36	MACHINERY, EXCEPT ELECTRICAL . . . . .	14	3	5	3	1	-	-	4	3	-	1	2	58
37	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	16	1	2	-	-	1	-	-	13	-	1	4	33
38	TRANSPORTATION EQUIPMENT . . . . .	5	2	4	3	-	-	1	2	3	-	2	-	9
39	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	(D)	-	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	8
20	MICHIGAN . . . . .	171	30	75	30	11	10	11	62	51	6	32	52	304
21	FOOD AND KINOREO PRODUCTS . . . . .	19	3	4	1	3	-	3	8	-	-	3	5	49
22	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	(D)	-	(D)
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	-	(D)
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	(D)	-	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	24	2	18	3	2	3	1	10	-	1	2	6	11
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	27	3	15	7	2	6	1	12	13	4	8	11	21
29	PETROLEUM AND COAL PRODUCTS . . . . .	5	2	2	1	-	-	-	4	-	-	-	2	3
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	-	-	-	(D)	(D)	-	-	-	(D)
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	(D)	(D)	-	-	-	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	5	2	5	-	-	-	-	1	2	-	-	1	16
33	PRIMARY METAL INDUSTRIES . . . . .	23	2	7	3	1	-	-	6	5	-	1	11	46
34	FABRICATED METAL PRODUCTS . . . . .	22	1	6	6	-	-	3	7	12	-	7	8	43
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	6	2	4	3	-	-	-	1	2	-	1	2	28
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	-	-	-	(D)	(D)	-	-	-	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	33	12	11	6	3	1	3	9	14	1	8	6	50
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	3
20	WISCONSIN . . . . .	103	9	43	13	7	-	3	27	7	-	7	31	272
21	FOOD AND KINOREO PRODUCTS . . . . .	36	1	9	4	5	-	3	8	-	-	3	15	94
22	TEXTILE MILL PRODUCTS . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	6
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	(D)	-	-	-	-	(D)
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	28	6	11	4	2	-	-	8	-	-	-	10	20
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	4	-	3	-	-	-	-	1	2	-	1	-	6
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	(D)	-
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	-	-	-	-	-	-	-	-	-	-	-	-	11
31	LEATHER AND LEATHER PRODUCTS . . . . .	4	-	1	-	-	-	-	-	-	-	-	3	6
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-	-	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	6	-	4	2	-	-	-	1	-	-	-	2	26
34	FABRICATED METAL PRODUCTS . . . . .	7	-	1	1	-	-	-	1	4	-	2	-	28
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	8	1	6	1	-	-	-	3	1	-	-	-	34
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	5	-	4	-	-	-	-	3	-	-	1	-	18
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	(D)
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	4
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
20	WEST NORTH CENTRAL DIVISION . . . . .	233	20	97	35	17	8	19	79	53	4	10	57	453
20	MINNESOTA . . . . .	49	4	16	8	1	3	1	20	11	-	4	11	142
21	FOOD AND KINOREO PRODUCTS . . . . .	30	3	11	3	1	-	1	13	5	-	1	6	78
22	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	5	-	1	-	-	-	-	1	1	-	2	-	8
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	(D)	-	(D)	(D)	-	-	(D)	(D)
29	PETROLEUM AND COAL PRODUCTS . . . . .	3	-	2	2	-	1	-	3	-	-	-	2	2
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-	(D)	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	(D)	-	(D)
34	FABRICATED METAL PRODUCTS . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	8
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	4	1	-	1	-	1	-	-	2	-	-	1	10
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	5
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-	-	(D)
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-	-	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-	-	(D)
20	IOWA . . . . .	60	4	23	8	4	-	6	20	11	2	4	15	77
21	FOOD AND KINOREO PRODUCTS . . . . .	32	1	16	4	2	-	2	12	2	1	-	7	41
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	3	-	-	-	-	-	-	-	-	-	-	2	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	7	1	2	1	-	-	-	5	3	-	-	2	3
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	(D)	-	-	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	-	(D)	-	(D)	-	(D)	(D)	(D)
34	FABRICATED METAL PRODUCTS . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	4
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	6	-	1	-	-	-	1	2	2	-	1	1	6
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	6	1	1	1	-	1	-	-	2	-	-	1	4
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
20	MISSOURI . . . . .	48	4	21	4	4	5	4	11	15	-	2	9	137
21	FOOD AND KINOREO PRODUCTS . . . . .	13	-	4	-	2	1	1	2	2	-	1	3	55
22	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	4	-	1	-	-	-	-	-	-	-	-	-	1
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	7	-	3	-	-	3	1	1	1	-	-	1	16
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	(D)	(D)	-	-	-	-	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	3	-	2	1	1	-	-	1	1	-	-	1	11
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-	(D)	(D)
34	FABRICATED METAL PRODUCTS . . . . .	5	-	-	-	-	-	-	-	2	-	-	-	7
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE 8. Water Discharged, Water Treated Prior to Discharge and Number of Establishments Treating Water Prior to Discharge by Type of Treatment: 1968—Continued

## C. STATES AND MAJOR INDUSTRY GROUPS—Continued

Code	State and major industry group	Water discharged (billion gallons)												
		Total	Treated prior to discharge by type of treatment											
			Total	Coagu- lation	Settling		Trickling filters	Activated sludge	Digestion	Ponds or lagoons	pH	Sand filtration	Chlorina- tion	Flotation
Primary	Secondary													
	MISSOURI													
36	ELECTRICAL EQUIP. AND SUPPLIES . . .	1.8	-	-	-	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . .	3.6	.5	-	-	-	-	-	-	-	-	-	-	-
38	INSTRUMENTS AND RELATED PRODUCTS . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
	NORTH DAKOTA . . . . .	1.4	1.2	-	-	-	-	-	-	-	-	-	-	-
20	FOOD AND KINDRED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
	SOUTH DAKOTA . . . . .	2.8	1.5	-	-	-	-	-	-	-	-	-	-	-
20	FOOD AND KINDRED PRODUCTS . . . . .	2.8	1.5	-	-	-	-	-	-	-	-	-	-	-
	NEBRASKA . . . . .	21.3	6.6	1.2	3.8	1.2	.1	-	-	.8	1.2	-	-	2.2
20	FOOD AND KINDRED PRODUCTS . . . . .	9.5	4.4	-	2.4	-	-	-	-	-	-	-	-	1.6
28	CHEMICALS AND ALLIED PRODUCTS . . . .	8.3	.8	-	-	-	-	-	-	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC. . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
	KANSAS . . . . .	36.8	19.9	-	5.5	3.1	(2)	-	.1	15.9	1.6	-	-	1.4
20	FOOD AND KINDRED PRODUCTS . . . . .	3.7	.7	-	.6	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	22.1	14.5	-	-	-	-	-	-	14.0	.6	-	-	-
29	PETROLEUM AND COAL PRODUCTS . . . . .	3.5	3.0	-	2.8	2.4	-	-	-	1.7	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC. . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . .	2.0	1.0	-	-	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
	SOUTH ATLANTIC DIVISION. . . . .	2 281.0	706.2	15.7	319.9	205.6	11.6	39.5	5.0	384.6	77.5	.7	83.5	174.5
	DELAWARE . . . . .	179.0	125.7	-	78.4	-	-	-	-	79.0	1.4	-	.5	121.9
20	FOOD AND KINDRED PRODUCTS . . . . .	1.9	.8	-	-	-	-	-	-	.2	-	-	-	-
22	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	2.7	-	-	-	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	46.4	3.0	-	1.7	-	-	-	-	2.2	1.3	-	-	-
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC. . .	1.4	-	-	-	-	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
	MARYLAND . . . . .	404.9	122.4	-	53.1	63.6	.5	11.8	.7	33.6	8.9	-	.6	1.9
20	FOOD AND KINDRED PRODUCTS . . . . .	13.6	2.3	-	.5	.3	-	-	-	.4	-	-	.5	1.1
22	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	45.8	10.5	-	2.9	-	-	-	-	3.3	7.6	-	-	-
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC. . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . .	4.3	.7	-	-	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	299.8	96.2	-	-	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	7.9	.1	-	-	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	5.6	-	-	-	-	-	-	-	-	-	-	-	-
	VIRGINIA . . . . .	326.2	80.0	7.3	36.0	20.1	1.3	13.2	.8	30.7	45.5	.4	2.5	11.5
20	FOOD AND KINDRED PRODUCTS . . . . .	2.5	1.2	-	.5	.3	-	-	-	.8	-	-	-	.2
21	TOBACCO MANUFACTURES . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS . . . . .	12.3	5.9	-	2.9	1.7	.4	-	.1	3.6	1.5	-	1.2	-
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	68.0	27.5	-	25.4	-	-	-	-	16.8	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	202.6	43.0	6.4	6.0	7.0	-	-	-	7.8	33.5	-	.9	-
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC. . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . .	4.0	.1	-	-	-	-	-	-	.1	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	2.1	-	-	-	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . . . .	.6	-	-	-	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
38	INSTRUMENTS AND RELATED PRODUCTS . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
	WEST VIRGINIA. . . . .	610.4	76.9	3.6	10.1	4.3	-	3.4	.3	11.3	6.8	-	58.4	.6
20	FOOD AND KINDRED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-

See footnotes at end of table.



TABLE 8. Water Discharged, Water Treated Prior to Discharge and Number of Establishments Treating Water Prior to Discharge by Type of Treatment: 1968—Continued

## C. STATES AND MAJOR INDUSTRY GROUPS—Continued

Code	State and major industry group	Number of establishments treating water prior to discharge by type of treatment												
		Total	Coagu- lation	Settling		Trickling filters	Activated sludge	Digestion	Ponds or lagoons	pH	Sand filtration	Chlorina- tion	Flotation	Other
				Primary	Secondary									
	MISSOURI													
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	3	-	2	-	-	-	-	1	2	-	-	-	8
37	TRANSPORTATION EQUIPMENT . . . . .	5	3	3	1	-	-	-	2	3	-	-	-	5
38	INSTRUMENTS AND RELATED PRODUCTS . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
	NORTH DAKOTA . . . . .	4	-	2	1	-	-	-	3	2	-	-	-	3
20	FOOD AND KINDRED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-	-	(D)
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	1	-	-	-	2	1	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
	SOUTH DAKOTA . . . . .	6	-	3	2	-	-	1	2	-	-	-	2	6
20	FOOD AND KINDRED PRODUCTS . . . . .	6	-	3	2	-	-	1	2	-	-	-	2	6
	NEBRASKA . . . . .	28	5	13	4	4	-	2	6	4	-	-	11	40
20	FOOD AND KINDRED PRODUCTS . . . . .	18	2	8	1	-	-	-	3	1	-	-	7	23
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	4	-	-	-	1	-	-	2	1	-	-	3	3
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	-	(D)	-	-	-	-	-	(D)
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	-	(D)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	(D)	-	(D)	-	(D)	-	-	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	-	-	-	(D)	-	-	-	-	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
	KANSAS . . . . .	38	3	19	8	4	-	5	17	10	2	-	9	48
20	FOOD AND KINDRED PRODUCTS . . . . .	8	-	6	-	-	-	1	-	-	-	-	2	23
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	11	-	3	2	3	-	2	8	5	1	-	7	7
29	PETROLEUM AND COAL PRODUCTS . . . . .	9	1	7	5	-	-	-	7	2	-	-	3	3
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . .	(D)	(D)	(D)	-	-	-	1	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . .	4	-	1	-	-	-	-	-	-	1	-	2	5
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	-	-	-	-	-	(D)	-	-	(D)	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-	-	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	-	(D)	(D)	(D)	-	-	(D)	(D)
	SOUTH ATLANTIC DIVISION . . . . .	545	42	192	98	45	69	80	236	113	22	86	131	741
	DELAWARE . . . . .	26	3	12	3	-	1	3	13	6	-	4	7	27
20	FOOD AND KINDRED PRODUCTS . . . . .	10	-	2	-	-	-	2	5	1	-	3	3	8
22	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	3	1	1	-	-	-	-	2	-	-	-	-	1
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	10	2	7	1	-	1	1	5	5	-	1	2	5
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	(D)	-	-	-	(D)	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . .	-	-	-	-	-	-	-	-	-	-	-	-	3
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	(D)	(D)
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
	MARYLAND . . . . .	57	2	20	13	6	4	7	17	14	3	12	16	78
20	FOOD AND KINDRED PRODUCTS . . . . .	17	-	2	1	1	-	2	4	1	-	4	7	32
22	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	(D)	(D)
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	(D)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	11	-	6	2	1	-	-	5	4	1	1	-	12
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	(D)	-	-	-	(D)	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . .	7	1	3	3	-	2	2	1	2	-	2	2	4
33	PRIMARY METAL INDUSTRIES . . . . .	5	1	3	2	-	2	2	3	3	-	1	1	3
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	(D)	-	(D)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	(D)	-	-	(D)	-	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	5	-	-	-	-	1	1	1	3	-	1	2	5
37	TRANSPORTATION EQUIPMENT . . . . .	3	-	1	1	1	-	-	1	1	2	1	1	5
	VIRGINIA . . . . .	76	10	34	24	10	7	15	43	22	5	16	16	80
20	FOOD AND KINDRED PRODUCTS . . . . .	15	1	4	4	2	1	1	6	3	-	1	6	24
21	TOBACCO MANUFACTURES . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	-	(D)
22	TEXTILE MILL PRODUCTS . . . . .	13	2	8	5	4	1	7	9	4	2	6	3	12
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	9	1	7	3	-	1	1	5	1	1	1	3	2
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	16	5	7	3	3	3	3	10	9	1	4	-	5
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . .	(D)	(D)	(D)	-	-	-	-	-	-	(D)	-	-	(D)
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	(D)	-	-	-	(D)	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . .	5	-	2	1	-	-	1	5	-	-	1	1	5
33	PRIMARY METAL INDUSTRIES . . . . .	3	-	1	-	-	-	1	1	1	-	-	-	5
34	FABRICATED METAL PRODUCTS . . . . .	3	-	1	1	1	1	1	2	1	-	1	-	2
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	(D)	-	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
38	INSTRUMENTS AND RELATED PRODUCTS . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
	WEST VIRGINIA . . . . .	44	5	16	8	3	6	9	19	12	1	12	7	33
20	FOOD AND KINDRED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	(D)	-	(D)
22	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)

See footnotes at end of table.



TABLE 8. Water Discharged, Water Treated Prior to Discharge and Number of Establishments Treating Water Prior to Discharge by Type of Treatment: 1968—Continued

## C. STATES AND MAJOR INDUSTRY GROUPS—Continued

Code	State and major industry group	Water discharged (billion gallons)														
		Total	Treated prior to discharge by type of treatment										pH	Sand filtration	Chlorination	Flotation
			Total	Coagulation	Settling		Trickling filters	Activated sludge	Digestion	Ponds or lagoons						
					Primary	Secondary										
26	WEST VIRGINIA . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-	
28	PAPER AND ALLIED PRODUCTS . . . . .	442.6	68.4	-	8.3	4.2	-	3.4	-	9.1	6.4	-	54.5	-	-	
29	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-	
30	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-	
31	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-	
32	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-	
33	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-	
34	PRIMARY METAL INDUSTRIES . . . . .	160.3	5.5	-	-	-	-	-	-	-	-	-	-	-	-	
35	FABRICATED METAL PRODUCTS . . . . .	.7	-	-	-	-	-	-	-	-	-	-	-	-	-	
36	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-	
37	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	.7	-	-	-	-	-	-	-	-	-	-	-	-	-	
	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-	
20	NORTH CAROLINA . . . . .	141.9	69.7	1.4	37.7	19.8	2.5	5.8	.7	102.4	4.1	.1	3.6	6.7	-	
21	FOOD AND KINDRED PRODUCTS . . . . .	4.4	1.1	-	.7	-	-	-	-	1.0	-	-	-	-	-	
22	TOBACCO MANUFACTURES . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-	
24	TEXTILE MILL PRODUCTS . . . . .	28.7	12.7	-	3.6	3.0	-	5.0	-	5.2	2.1	.1	3.5	4.7	-	
25	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-	
26	FURNITURE AND FIXTURES . . . . .	.5	-	-	-	-	-	-	-	-	-	-	-	-	-	
28	PAPER AND ALLIED PRODUCTS . . . . .	81.5	51.4	-	32.0	-	-	-	-	-	-	-	-	-	-	
29	CHEMICALS AND ALLIED PRODUCTS . . . . .	16.2	3.3	-	.8	-	-	.6	-	4.4	.6	-	-	-	1.7	
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-	
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-	
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	.9	.2	-	-	-	-	-	-	-	-	-	-	-	-	
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-	-	
34	FABRICATED METAL PRODUCTS . . . . .	.3	-	-	-	-	-	-	-	-	-	-	-	-	-	
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-	
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	1.4	.4	-	-	-	-	-	-	-	.6	-	-	-	-	
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-	
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-	
20	SOUTH CAROLINA . . . . .	133.1	50.0	1.5	26.4	2.2	.1	1.4	.8	35.1	1.8	-	.4	9.8	-	
21	FOOD AND KINDRED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-	-	
22	TEXTILE MILL PRODUCTS . . . . .	30.4	17.3	-	2.8	1.7	-	.6	.7	7.9	-	-	-	6.2	-	
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-	
25	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-	
26	PAPER AND ALLIED PRODUCTS . . . . .	63.6	27.2	-	20.8	-	-	-	-	23.4	-	-	-	-	-	
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	30.2	2.9	-	1.9	-	-	-	-	1.6	-	-	-	-	-	
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-	
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	1.3	.7	-	-	-	-	-	-	-	-	-	-	-	-	
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-	
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-	
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	.8	.5	-	-	-	-	-	-	-	-	-	-	-	-	
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	1.4	.2	-	-	-	-	-	-	-	-	-	-	-	-	
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-	
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-	
20	GEORGIA . . . . .	220.2	69.6	-	39.6	17.2	6.5	.8	.8	37.9	3.8	-	.4	19.4	-	
21	FOOD AND KINDRED PRODUCTS . . . . .	7.9	.9	-	-	-	-	-	-	.7	-	-	-	.1	-	
22	TOBACCO MANUFACTURES . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-	
24	TEXTILE MILL PRODUCTS . . . . .	23.1	7.5	-	.9	-	.7	-	.4	5.8	-	-	-	1.9	-	
26	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-	
28	PAPER AND ALLIED PRODUCTS . . . . .	150.8	54.0	-	36.8	-	-	-	-	27.3	-	-	-	17.2	-	
29	CHEMICALS AND ALLIED PRODUCTS . . . . .	30.6	4.5	-	.2	-	-	-	-	-	-	-	-	-	-	
30	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-	
31	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-	
32	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-	
33	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-	-	
34	PRIMARY METAL INDUSTRIES . . . . .	(D)	-	-	-	-	-	-	-	-	-	-	-	-	-	
35	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-	
36	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-	
37	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-	
38	TRANSPORTATION EQUIPMENT . . . . .	3.1	-	-	-	-	-	-	-	-	-	-	-	-	-	
39	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-	
	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-	
20	FLORIDA . . . . .	264.9	112.0	-	38.6	1.6	.4	3.1	.5	54.7	5.3	.1	17.1	2.7	-	
21	FOOD AND KINDRED PRODUCTS . . . . .	46.0	6.1	-	1.2	-	-	3.0	.2	3.6	-	-	-	1.6	-	
22	TOBACCO MANUFACTURES . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-	
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-	
26	PAPER AND ALLIED PRODUCTS . . . . .	140.7	74.1	-	-	-	-	-	-	47.7	-	-	-	-	-	
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	69.8	30.4	-	10.8	-	-	-	-	2.9	4.4	-	-	1.0	-	
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-	
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	5.8	.3	-	-	-	-	-	-	-	-	-	-	-	-	
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-	-	
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-	-	
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	.9	.3	-	-	-	-	-	-	-	-	-	-	-	-	
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-	
20	EAST SOUTH CENTRAL DIVISION . . . . .	1 010.8	354.4	4.3	179.0	34.8	1.5	8.5	2.6	192.3	55.7	.2	8.7	42.7	-	
21	KENTUCKY . . . . .	122.1	41.8	.5	36.8	6.5	-	-	-	6.4	3.4	-	1.5	.9	-	
22	FOOD AND KINDRED PRODUCTS . . . . .	8.2	.5	-	-	-	-	-	-	-	-	-	-	-	-	
24	TOBACCO MANUFACTURES . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-	
26	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-	
28	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-	
29	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-	
30	CHEMICALS AND ALLIED PRODUCTS . . . . .	65.2	21.4	-	19.4	1.4	-	-	-	3.1	1.5	-	-	-	-	
31	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-	
32	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-	
33	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-	
34	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-	
35	PRIMARY METAL INDUSTRIES . . . . .	24.9	8.1	-	-	-	-	-	-	-	-	-	-	-	-	
36	FABRICATED METAL PRODUCTS . . . . .	1.8	-	-	-	-	-	-	-	-	-	-	-	-	-	
37	MACHINERY, EXCEPT ELECTRICAL . . . . .	1.3	-	-	-	-	-	-	-	-	-	-	-	-	-	
38	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	2.8	1.7	-	-	-	-	-	-	-	1.7	-	.8	-	-	
39	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-	
	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-	

See footnotes at end of table.

TABLE 8. Water Discharged, Water Treated Prior to Discharge and Number of Establishments Treating Water Prior to Discharge by Type of Treatment: 1968—Continued

## C. STATES AND MAJOR INDUSTRY GROUPS—Continued

Code	State and major industry group	Number of establishments treating water prior to discharge by type of treatment												
		Total	Coagulation	Settling		Trickling filters	Activated sludge	Digestion	Ponds or lagoons	pH	Sand filtration	Chlorination	Flotation	Other
				Primary	Secondary									
26	WEST VIRGINIA													
26	PAPER AND ALLIED PRODUCTS. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	22	3	11	7	3	4	3	15	10	1	7	3	4
29	PETROLEUM AND COAL PRODUCTS. . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
31	LEATHER AND LEATHER PRODUCTS. . . . .	(D)	(D)	(D)	(D)	-	-	-	(D)	-	-	-	(D)	-
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	(D)	(D)	(D)	-	-	(D)	-	-	-	-	-	-	(D)
33	PRIMARY METAL INDUSTRIES. . . . .	7	1	1	-	-	1	3	1	-	-	2	-	S
34	FABRICATED METAL PRODUCTS. . . . .	3	-	1	-	-	1	1	-	-	-	1	1	4
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	3	1	1	-	-	-	2	1	-	-	1	1	-
37	TRANSPORTATION EQUIPMENT. . . . .	(D)	(D)	(D)	-	-	-	-	-	(D)	-	-	-	-
20	NORTH CAROLINA	108	7	30	16	4	24	10	39	23	7	17	31	194
20	FOOD AND KINDRED PRODUCTS. . . . .	10	-	6	1	-	-	1	7	1	-	1	1	28
21	TOBACCO MANUFACTURES. . . . .	(D)	(D)	(D)	-	-	-	-	-	(D)	-	1	1	(D)
22	TEXTILE MILL PRODUCTS. . . . .	51	2	10	8	1	16	3	17	S	4	10	16	121
24	LUMBER AND WOOD PRODUCTS. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES. . . . .	-	-	-	-	-	-	-	-	-	-	-	-	10
26	PAPER AND ALLIED PRODUCTS. . . . .	6	1	4	1	-	-	1	3	-	-	-	1	1
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	13	2	4	-	2	4	-	7	6	1	-	4	4
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	(D)	-	-
31	LEATHER AND LEATHER PRODUCTS. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	5	1	1	3	-	2	1	1	2	-	1	3	6
33	PRIMARY METAL INDUSTRIES. . . . .	(D)	(D)	(D)	-	(D)	(D)	(D)	-	-	-	-	-	(D)
34	FABRICATED METAL PRODUCTS. . . . .	-	-	-	-	-	-	-	-	-	-	-	-	4
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	(D)	(D)	(D)	(D)	-	(D)	-	(D)	(D)	(D)	(D)	(D)	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	10	-	1	-	-	1	2	5	1	2	2	7	-
38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)	-	(D)	-	-
39	MISC. MANUFACTURING INDUSTRIES. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	(D)	-	-
20	SOUTH CAROLINA	88	9	28	14	5	13	14	48	10	2	6	19	100
20	FOOD AND KINDRED PRODUCTS. . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	(D)	(D)
22	TEXTILE MILL PRODUCTS. . . . .	48	2	11	8	2	7	9	23	2	1	3	12	60
24	LUMBER AND WOOD PRODUCTS. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	(D)
25	FURNITURE AND FIXTURES. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
26	PAPER AND ALLIED PRODUCTS. . . . .	6	1	4	-	-	1	-	4	-	-	-	1	3
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	9	1	5	1	1	2	1	7	3	-	2	2	5
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	-	-	(D)	-	(D)	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	5	3	3	2	1	2	3	2	2	-	-	-	5
33	PRIMARY METAL INDUSTRIES. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
34	FABRICATED METAL PRODUCTS. . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-	-	(D)
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	5	-	2	-	1	-	-	3	-	-	-	2	2
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	7	2	2	2	-	-	1	3	2	1	1	1	5
38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	-	(D)
39	MISC. MANUFACTURING INDUSTRIES. . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	-	(D)
20	GEORGIA	70	3	26	7	9	5	10	32	9	-	7	15	159
20	FOOD AND KINDRED PRODUCTS. . . . .	12	-	2	-	1	1	-	6	-	-	2	4	42
21	TOBACCO MANUFACTURES. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
22	TEXTILE MILL PRODUCTS. . . . .	28	1	10	2	4	1	7	16	2	-	3	5	68
24	LUMBER AND WOOD PRODUCTS. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
26	PAPER AND ALLIED PRODUCTS. . . . .	11	-	6	2	2	-	-	4	-	-	-	4	5
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	8	1	4	1	-	2	1	3	3	-	1	2	13
29	PETROLEUM AND COAL PRODUCTS. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
31	LEATHER AND LEATHER PRODUCTS. . . . .	(D)	(D)	(D)	(D)	(D)	-	(D)	-	(D)	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
33	PRIMARY METAL INDUSTRIES. . . . .	-	-	-	-	-	-	-	-	-	-	-	-	6
34	FABRICATED METAL PRODUCTS. . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	-	(D)
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	(D)	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	(D)	(D)	(D)	-	-	-	-	-	(D)	-	-	-	(D)
37	TRANSPORTATION EQUIPMENT. . . . .	3	-	2	1	1	1	1	1	1	-	-	-	4
38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
39	MISC. MANUFACTURING INDUSTRIES. . . . .	(D)	(D)	(D)	-	-	-	-	-	(D)	-	-	-	-
20	FLORIDA	76	3	26	13	8	9	12	25	17	4	12	20	66
20	FOOD AND KINDRED PRODUCTS. . . . .	31	1	5	3	3	7	5	11	1	2	3	10	36
21	TOBACCO MANUFACTURES. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
22	TEXTILE MILL PRODUCTS. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
24	LUMBER AND WOOD PRODUCTS. . . . .	-	-	3	-	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . . . .	7	-	-	-	-	-	-	4	-	-	1	-	4
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	21	1	11	3	1	-	1	8	11	-	2	6	10
29	PETROLEUM AND COAL PRODUCTS. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	6	-	3	2	1	-	2	-	-	-	2	1	S
33	PRIMARY METAL INDUSTRIES. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	(D)
34	FABRICATED METAL PRODUCTS. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	(D)	(D)
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	6	-	2	3	2	1	3	1	3	2	2	1	2
37	TRANSPORTATION EQUIPMENT. . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	(D)	(D)	-
20	EAST SOUTH CENTRAL DIVISION	222	14	83	33	15	10	21	102	60	6	42	44	407
20	KENTUCKY	47	4	21	7	3	1	3	17	20	-	14	4	93
20	FOOD AND KINDRED PRODUCTS. . . . .	7	-	3	1	2	-	1	3	1	-	2	-	35
21	TOBACCO MANUFACTURES. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
22	TEXTILE MILL PRODUCTS. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
24	LUMBER AND WOOD PRODUCTS. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
25	FURNITURE AND FIXTURES. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
26	PAPER AND ALLIED PRODUCTS. . . . .	(D)	(D)	(D)	-	-	-	-	-	(D)	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	13	1	9	4	1	-	1	9	6	-	2	(D)	9
29	PETROLEUM AND COAL PRODUCTS. . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	(D)	(D)
31	LEATHER AND LEATHER PRODUCTS. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
33	PRIMARY METAL INDUSTRIES. . . . .	8	1	3	2	-	1	3	1	1	-	1	2	3
34	FABRICATED METAL PRODUCTS. . . . .	-	-	-	-	-	-	-	-	-	-	-	-	13
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	3	-	-	-	-	-	-	-	3	-	2	-	3
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	7	-	-	-	-	-	-	-	6	-	7	-	8
37	TRANSPORTATION EQUIPMENT. . . . .	(D)	(D)	(D)	-	-	-	(D)	(D)	(D)	-	-	-	(D)
38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)

See footnotes at end of table.



TABLE 8. Water Discharged, Water Treated Prior to Discharge and Number of Establishments Treating Water Prior to Discharge by Type of Treatment: 1968—Continued

## C. STATES AND MAJOR INDUSTRY GROUPS—Continued

Code	State and major industry group	Water discharged (billion gallons)												
		Total	Treated prior to discharge by type of treatment											
			Total	Coagu- lation	Settling		Trickling filters	Activated sludge	Digestion	Ponds or lagoons	pH	Sand filtration	Chlorina- tion	Flotation
Primary	Secondary													
39	KENTUCKY MISC. MANUFACTURING INDUSTRIES . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
20	TENNESSEE . . . . .	445.2	128.6	-	24.0	2.1	.6	-	.3	83.4	45.3	-	3.6	16.9
22	FOOD AND KINDRED PRODUCTS . . . . .	11.9	3.8	-	.9	-	-	-	-	-	-	-	-	-
24	TEXTILE MILL PRODUCTS . . . . .	3.7	.8	-	-	-	-	-	-	-	-	-	-	-
26	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
28	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
29	PAPER AND ALLIED PRODUCTS . . . . .	43.9	18.8	-	16.6	-	-	-	-	-	-	-	-	-
30	CHEMICALS AND ALLIED PRODUCTS . . . . .	353.9	88.3	-	5.8	.7	-	-	.2	64.3	37.7	-	3.2	13.0
31	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
32	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
33	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
34	STONE, CLAY, AND GLASS PRODUCTS . . . . .	8.2	2.4	-	-	-	-	-	-	-	-	-	-	-
35	PRIMARY METAL INDUSTRIES . . . . .	14.4	12.3	-	-	-	-	-	-	-	-	-	-	-
36	FABRICATED METAL PRODUCTS . . . . .	.8	-	-	-	-	-	-	-	-	-	-	-	-
37	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
38	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	.7	.4	-	-	-	-	-	-	-	.1	-	-	-
39	TRANSPORTATION EQUIPMENT . . . . .	1.9	-	-	-	-	-	-	-	-	-	-	-	-
39	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
20	ALABAMA . . . . .	360.3	154.2	1.4	99.2	26.1	.4	8.3	1.8	90.9	6.6	-	3.4	23.9
22	FOOD AND KINDRED PRODUCTS . . . . .	2.0	-	-	-	-	-	-	-	-	-	-	-	-
24	TOBACCO MANUFACTURES . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
26	TEXTILE MILL PRODUCTS . . . . .	4.9	.7	-	.5	-	-	-	-	.9	-	-	-	-
28	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	-	-	-	-	-	-	-	-	-	-	-
29	PAPER AND ALLIED PRODUCTS . . . . .	158.8	111.6	-	74.4	22.5	-	-	-	73.9	-	-	-	-
30	CHEMICALS AND ALLIED PRODUCTS . . . . .	99.6	14.0	-	4.5	-	-	-	-	11.9	6.4	-	-	-
31	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
32	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	7.6	-	-	-	-	-	-	-	-	-	-	-	-
33	STONE, CLAY, AND GLASS PRODUCTS . . . . .	2.6	.3	-	-	-	-	-	-	.2	-	-	-	-
34	PRIMARY METAL INDUSTRIES . . . . .	81.6	23.9	-	19.7	-	-	-	-	3.7	-	-	-	-
35	FABRICATED METAL PRODUCTS . . . . .	.7	-	-	-	-	-	-	-	-	-	-	-	-
36	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
37	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	.6	-	-	-	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	1.1	-	-	-	-	-	-	-	-	-	-	-	-
20	MISSISSIPPI . . . . .	83.2	29.8	-	19.0	-	-	-	-	11.6	.4	-	-	1.1
22	FOOD AND KINDRED PRODUCTS . . . . .	3.7	-	-	-	-	-	-	-	-	-	-	-	-
24	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
26	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
28	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
29	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
30	CHEMICALS AND ALLIED PRODUCTS . . . . .	22.0	4.3	-	-	-	-	-	-	-	-	-	-	-
31	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
32	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
33	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
34	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
35	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
36	FABRICATED METAL PRODUCTS . . . . .	1.0	.2	-	-	-	-	-	-	-	-	-	-	-
37	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
39	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	.6	-	-	-	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
20	WEST SOUTH CENTRAL DIVISION . . . .	2 713.3	687.8	19.1	380.7	172.9	6.1	20.8	3.9	272.6	92.9	3.9	28.4	270.5
20	ARKANSAS . . . . .	50.8	39.8	-	21.9	1.9	1.2	-	.1	35.8	.1	-	-	3.3
22	FOOD AND KINDRED PRODUCTS . . . . .	6.4	.8	-	-	-	-	-	-	-	-	-	-	.8
24	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
26	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
28	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
29	PAPER AND ALLIED PRODUCTS . . . . .	36.0	35.8	-	-	-	-	-	-	34.4	-	-	-	-
30	CHEMICALS AND ALLIED PRODUCTS . . . . .	2.3	.2	-	-	-	-	-	-	-	-	-	-	-
31	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
32	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
33	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
34	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
35	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
36	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
37	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
38	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
39	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
20	LOUISIANA . . . . .	999.2	315.8	3.5	217.8	88.4	.8	-	1.3	156.7	46.6	-	.4	105.9
22	FOOD AND KINDRED PRODUCTS . . . . .	52.8	10.6	-	-	-	-	-	-	10.3	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	76.3	59.4	-	32.8	-	-	-	-	41.0	-	-	-	14.1
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	473.2	44.9	3.2	21.4	11.3	.1	-	1.2	8.7	19.2	-	.3	2.0
29	PETROLEUM AND COAL PRODUCTS . . . . .	240.9	200.5	-	162.7	-	.6	-	.1	96.7	-	-	-	89.8
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	1.5	.3	-	.3	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
20	OKLAHOMA . . . . .	9.3	7.2	-	5.5	1.4	-	-	-	4.5	1.8	-	-	.9
22	FOOD AND KINDRED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
24	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
26	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
28	PAPER AND ALLIED PRODUCTS . . . . .	1.0	-	-	-	-	-	-	-	-	-	-	-	-
29	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
30	PETROLEUM AND COAL PRODUCTS . . . . .	4.8	4.3	-	3.1	-	-	-	-	2.7	-	-	-	-
32	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
33	STONE, CLAY, AND GLASS PRODUCTS . . . . .	.3	.2	-	-	-	-	-	-	-	-	-	-	-
34	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
35	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-

See footnotes at end of table.



TABLE 8. Water Discharged, Water Treated Prior to Discharge and Number of Establishments Treating Water Prior to Discharge by Type of Treatment: 1968—Continued

## C. STATES AND MAJOR INDUSTRY GROUPS—Continued

Code	State and major industry group	Number of establishments treating water prior to discharge by type of treatment												
		Total	Coagu- lation	Settling		Trickling filters	Activated sludge	Digestion	Ponds or lagoons	pH	Sand filtration	Chlorina- tion	Flotation	Other
				Primary	Secondary									
39	KENTUCKY MISC. MANUFACTURING INDUSTRIES . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	(D)
20	TENNESSEE. . . . .	87	3	27	11	7	2	9	35	26	3	18	20	123
22	FOOD AND KINDRED PRODUCTS. . . . .	10	-	4	1	1	-	-	1	-	-	2	2	35
24	TEXTILE MILL PRODUCTS. . . . .	4	-	-	-	-	-	-	2	-	-	1	2	25
25	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
26	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
28	PAPER AND ALLIED PRODUCTS. . . . .	6	-	4	1	-	1	-	1	-	-	-	2	5
29	CHEMICALS AND ALLIED PRODUCTS. . . . .	33	1	11	5	3	1	4	23	16	1	7	5	11
30	PETROLEUM AND COAL PRODUCTS. . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	-	(D)
31	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	-	(D)
32	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	(D)	(D)
33	STONE, CLAY, AND GLASS PRODUCTS. . . . .	8	1	2	1	1	-	1	3	2	-	2	2	9
34	PRIMARY METAL INDUSTRIES . . . . .	4	-	1	-	-	-	-	1	1	-	1	1	8
35	FABRICATED METAL PRODUCTS. . . . .	3	-	1	-	1	-	-	-	-	-	-	1	5
36	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	(D)	(D)
37	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	8	-	3	2	1	-	2	-	5	2	3	2	4
38	TRANSPORTATION EQUIPMENT . . . . .	3	-	-	-	-	-	-	1	1	-	1	1	3
39	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	(D)	-	-	-	-
	MISC. MANUFACTURING INDUSTRIES . . .	(D)	(D)	(D)	-	-	-	(D)	-	-	-	-	-	(D)
20	ALABAMA. . . . .	66	6	28	12	4	6	7	41	9	3	7	13	118
21	FOOD AND KINDRED PRODUCTS. . . . .	3	-	-	-	-	-	-	1	-	-	2	1	19
22	TOBACCO MANUFACTURES . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
24	TEXTILE MILL PRODUCTS. . . . .	10	-	6	2	1	-	1	7	-	-	1	1	30
25	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	1	-	-	-	-	-	(D)	-	-	(D)
26	PAPER AND ALLIED PRODUCTS. . . . .	13	2	12	4	-	1	-	10	-	-	-	3	2
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	14	-	4	2	1	3	3	8	4	1	-	3	8
29	PETROLEUM AND COAL PRODUCTS. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	3	-	-	-	-	-	-	1	-	-	1	1	3
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	10	1	-	-	-	-	-	7	1	1	2	2	14
33	PRIMARY METAL INDUSTRIES . . . . .	10	2	6	3	2	1	3	7	3	-	2	1	15
34	FABRICATED METAL PRODUCTS. . . . .	-	-	-	-	-	-	-	-	-	-	-	-	6
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	(D)	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	-	-	(D)	-	-	(D)	-	(D)	-	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	5
20	MISSISSIPPI. . . . .	22	1	7	3	1	1	2	9	5	-	3	7	73
22	FOOD AND KINDRED PRODUCTS. . . . .	3	-	-	-	-	-	-	1	-	-	2	1	23
24	TEXTILE MILL PRODUCTS. . . . .	(D)	(D)	(D)	-	-	-	(D)	-	-	-	-	-	(D)
25	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	(D)	(D)
26	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
28	PAPER AND ALLIED PRODUCTS. . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	-	(D)
29	CHEMICALS AND ALLIED PRODUCTS. . . . .	4	-	2	1	-	-	-	1	3	-	1	1	7
30	PETROLEUM AND COAL PRODUCTS. . . . .	(D)	(D)	(D)	-	(D)	-	-	(D)	-	-	(D)	-	(D)
31	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
32	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
33	STONE, CLAY, AND GLASS PRODUCTS. . . . .	(D)	(D)	(D)	-	-	-	(D)	(D)	-	-	-	-	(D)
34	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
35	FABRICATED METAL PRODUCTS. . . . .	4	-	1	1	-	-	-	2	1	-	-	3	2
36	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
37	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	-	(D)	-	-	(D)	-	-	-	(D)
39	TRANSPORTATION EQUIPMENT . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	4
	MISC. MANUFACTURING INDUSTRIES . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
	WEST SOUTH CENTRAL DIVISION. . .	319	29	147	57	29	33	44	150	85	11	51	83	421
20	ARKANSAS . . . . .	29	1	10	4	5	2	4	12	5	1	3	8	78
22	FOOD AND KINDRED PRODUCTS. . . . .	5	-	1	-	-	-	-	-	-	-	-	5	44
24	TEXTILE MILL PRODUCTS. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	(D)	(D)
25	LUMBER AND WOOD PRODUCTS . . . . .	3	-	1	-	-	-	-	3	-	-	-	-	6
26	FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
28	PAPER AND ALLIED PRODUCTS. . . . .	7	-	3	1	-	-	-	5	-	-	-	1	2
29	CHEMICALS AND ALLIED PRODUCTS. . . . .	4	-	2	1	2	1	2	1	2	-	-	-	4
30	PETROLEUM AND COAL PRODUCTS. . . . .	(D)	(D)	(D)	(D)	-	-	-	(D)	-	-	(D)	-	(D)
31	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
32	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
33	STONE, CLAY, AND GLASS PRODUCTS. . . . .	(D)	(D)	(D)	-	(D)	-	(D)	(D)	-	-	-	-	(D)
34	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	(D)	-	(D)	-	-	(D)	(D)	-	(D)
35	FABRICATED METAL PRODUCTS. . . . .	(D)	(D)	(D)	-	-	-	-	-	(D)	-	-	-	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	-	-	(D)	-	-	-	-	(D)	-	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	-	-	-	-	-	(D)	-	-	-	(D)
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
39	MISC. MANUFACTURING INDUSTRIES . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
20	LOUISIANA. . . . .	84	5	42	9	11	2	11	41	21	2	7	20	98
22	FOOD AND KINDRED PRODUCTS. . . . .	16	-	3	1	-	-	-	13	-	-	1	-	46
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	-	-	-	-	-	-	-	(D)	-	-	-	(D)
26	PAPER AND ALLIED PRODUCTS. . . . .	12	1	6	-	1	-	-	6	1	-	-	4	4
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	33	4	18	5	4	1	7	14	16	2	4	8	22
29	PETROLEUM AND COAL PRODUCTS. . . . .	15	-	9	3	4	-	4	7	3	-	2	8	3
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	5	-	5	-	2	1	-	-	-	-	-	-	5
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
34	FABRICATED METAL PRODUCTS. . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	-	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
20	OKLAHOMA . . . . .	33	3	13	4	-	3	1	19	4	1	2	7	29
22	FOOD AND KINDRED PRODUCTS. . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	-	(D)
24	TEXTILE MILL PRODUCTS. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
25	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . . . .	3	2	3	2	-	-	-	3	-	-	-	1	-
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	(D)	-	-	(D)
29	PETROLEUM AND COAL PRODUCTS. . . . .	14	-	7	2	-	3	1	10	2	-	-	1	-
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	-	(D)
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	4	-	-	-	-	-	-	1	-	-	-	1	4
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	-	-	-	-	-	(D)	-	-	(D)	(D)
34	FABRICATED METAL PRODUCTS. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)

See footnotes at end of table.

TABLE 8. Water Discharged, Water Treated Prior to Discharge and Number of Establishments Treating Water Prior to Discharge by Type of Treatment: 1968—Continued

## C. STATES AND MAJOR INDUSTRY GROUPS—Continued

Code	State and major industry group	Water discharged (billion gallons)												
		Total	Treated prior to discharge by type of treatment											
			Total	Coagu- lation	Settling		Trickling filters	Activated sludge	Digestion	Ponds or lagoons	pH	Sand filtration	Chlorina- tion	Flotation
Primary	Secondary													
36	OKLAHOMA													
	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(O)	(O)	(D)	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
	TEXAS . . . . .	1 654.1	325.0	14.5	135.6	81.3	4.2	20.2	2.4	75.6	44.3	2.7	26.9	160.4
20	FOOD AND KINDRED PRODUCTS . . . . .	16.6	1.8	-	.6	-	-	-	-	-	-	-	-	.7
22	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . . . .	1.3	-	-	-	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	48.6	48.5	-	28.1	23.4	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	1 182.1	64.9	5.3	18.1	6.0	-	2.7	.5	16.4	10.9	2.2	24.5	11.6
29	PETROLEUM AND COAL PRODUCTS . . . . .	222.0	189.6	7.5	70.2	35.3	-	5.2	(2)	33.7	30.4	-	-	146.4
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(O)	(O)	-	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	2.9	.2	-	-	-	-	-	-	-	-	-	-	.2
33	PRIMARY METAL INDUSTRIES . . . . .	159.7	15.2	-	15.9	-	-	-	.2	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . . . .	.5	.1	-	-	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	1.3	-	-	-	-	-	-	-	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(O)	(D)	(O)	(D)	-	-	-	-	-	(O)	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	14.6	1.1	-	-	-	-	-	-	-	-	-	-	.7
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(O)	(D)	(O)	-	-	-	-	-	-	-	-	-
	MOUNTAIN DIVISION . . . . .	187.9	86.7	.6	56.5	5.4	2.4	.8	3.8	63.0	1.8	-	3.7	13.2
	MONTANA . . . . .	36.1	26.7	-	13.6	-	-	-	-	22.2	-	-	-	3.8
20	FOOD AND KINDRED PRODUCTS . . . . .	4.2	4.1	-	-	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(O)	(D)	(D)	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(O)	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(O)	(D)	(D)	-	-	-	-	-	-	-	-	-
	IDAHO . . . . .	53.4	20.1	-	11.7	-	-	-	-	28.8	-	-	1.8	6.8
20	FOOD AND KINDRED PRODUCTS . . . . .	16.6	12.7	-	11.5	-	-	-	-	25.8	-	-	-	2.7
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(O)	(D)	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(O)	(O)	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	6.6	3.1	-	-	-	-	-	-	3.0	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(O)	-	-	-	-	-	-	-	-	-
	WYOMING . . . . .	3.1	-	-	-	-	-	-	-	-	-	-	-	-
20	FOOD AND KINDRED PRODUCTS . . . . .	(O)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . . . .	(O)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
	COLORADO . . . . .	51.9	24.0	-	19.8	1.7	-	-	-	1.4	-	-	-	.6
20	FOOD AND KINDRED PRODUCTS . . . . .	19.2	11.5	-	8.4	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(O)	(D)	(D)	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(O)	(D)	(D)	-	-	-	-	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS . . . . .	(O)	(O)	(D)	(O)	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(O)	(D)	(D)	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(O)	(D)	-	-	-	-	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(O)	(D)	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	(O)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
	NEW MEXICO . . . . .	1.0	.3	-	-	-	-	-	-	-	-	-	-	-
20	FOOD AND KINDRED PRODUCTS . . . . .	(D)	(D)	(O)	(O)	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(O)	(D)	(D)	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	(O)	(O)	(O)	(D)	-	-	-	-	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(O)	(D)	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
	ARIZONA . . . . .	10.7	2.1	-	.6	-	-	-	-	1.0	.8	-	.2	-
20	FOOD AND KINDRED PRODUCTS . . . . .	(D)	(D)	(O)	(D)	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . . . .	(O)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(O)	(D)	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(O)	(D)	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	5.3	.6	-	-	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(O)	(O)	(D)	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(O)	(D)	(D)	-	-	-	-	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(O)	(D)	(O)	-	-	-	-	-	-	-	-	-
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(O)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
	UTAH . . . . .	21.0	11.3	-	9.9	1.9	-	-	-	8.7	-	-	-	-
20	FOOD AND KINDRED PRODUCTS . . . . .	3.6	1.7	-	-	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(O)	-	-	-	-	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS . . . . .	1.5	-	-	-	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(O)	(O)	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(O)	(D)	(D)	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	(O)	-	-	-	-	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(O)	(O)	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(O)	(O)	(D)	(O)	-	-	-	-	-	-	-	-	-
	NEVADA . . . . .	10.7	-	-	-	-	-	-	-	-	-	-	-	-
20	FOOD AND KINDRED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(O)	(D)	-	-	-	-	-	-	-	-	-
	PACIFIC DIVISION . . . . .	904.5	384.7	14.8	252.9	92.6	2.2	4.6	1.1	153.5	52.6	1.0	16.2	112.7
	WASHINGTON . . . . .	333.4	114.2	-	81.5	2.8	1.6	-	-	39.0	2.6	-	1.8	27.4

See footnotes at end of table.



TABLE 8. Water Discharged, Water Treated Prior to Discharge and Number of Establishments Treating Water Prior to Discharge by Type of Treatment: 1968—Continued

## C. STATES AND MAJOR INDUSTRY GROUPS—Continued

Code	State and major industry group	Number of establishments treating water prior to discharge by type of treatment												
		Total	Coagulation	Settling		Trickling filters	Activated sludge	Digestion	Ponds or lagoons	pH	Sand filtration	Chlorination	Flotation	Other
				Primary	Secondary									
36	OKLAHOMA . . . . .	(D)	(D)	(D)	-	-	-	-	-	(D)	-	(D)	(D)	-
37	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	(D)	(D)	(D)
	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	(D)	(D)	(D)
	TEXAS . . . . .	173	20	82	40	13	26	28	78	55	7	39	48	216
20	FOOD AND KINDRED PRODUCTS . . . . .	15	1	6	1	-	1	2	3	1	-	2	5	97
22	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	(D)	(D)	(D)
24	LUMBER AND WOOD PRODUCTS . . . . .	3	-	1	-	-	-	-	2	-	-	-	1	4
26	PAPER AND ALLIED PRODUCTS . . . . .	7	1	5	5	1	3	2	3	1	-	3	-	1
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	66	9	29	8	3	12	9	43	26	5	19	15	44
29	PETROLEUM AND COAL PRODUCTS . . . . .	36	7	26	15	3	5	4	19	12	1	3	11	7
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	10	1	2	1	1	-	2	1	-	-	1	5	22
33	PRIMARY METAL INDUSTRIES . . . . .	11	-	5	3	2	2	4	2	3	-	3	3	9
34	FABRICATED METAL PRODUCTS . . . . .	5	-	2	2	-	-	-	2	3	-	1	1	6
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	9
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	-	-	(D)	-	-	(D)	-	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	8	-	2	2	1	1	2	1	2	-	2	4	6
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
	MOUNTAIN DIVISION . . . . .	117	4	61	15	7	6	12	52	11	-	16	25	136
	MONTANA . . . . .	14	1	7	1	-	1	2	9	-	-	-	5	10
20	FOOD AND KINDRED PRODUCTS . . . . .	5	1	2	-	-	-	-	2	-	-	-	2	2
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	(D)	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	(D)	(D)	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	(D)	-	(D)	-	-	-	(D)	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	-	-	(D)	(D)	-	-	-	-	(D)
	IDAHO . . . . .	34	1	18	3	2	-	2	14	1	-	6	8	29
20	FOOD AND KINDRED PRODUCTS . . . . .	26	1	16	1	1	-	1	9	-	-	2	6	15
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	(D)	(D)	-	-	(D)	-	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	2	1	1
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	4	-	1	1	1	-	-	4	1	-	1	1	1
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
	WYOMING . . . . .	3	-	1	-	-	-	-	1	-	-	-	1	8
20	FOOD AND KINDRED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	(D)	(D)
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	-	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
	COLORADO . . . . .	29	1	19	6	2	1	3	8	2	-	3	4	39
20	FOOD AND KINDRED PRODUCTS . . . . .	16	-	13	2	-	1	1	2	-	-	2	-	20
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	(D)	(D)
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	(D)	(D)	-	-	-	(D)	-
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	-	(D)	-	-	-	-	-	-	(D)	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	(D)	(D)	(D)	(D)
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	-	-	-	-	-	(D)	-	-	-	(D)
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
	NEW MEXICO . . . . .	4	-	3	-	-	-	-	3	-	-	-	1	8
20	FOOD AND KINDRED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	(D)	(D)
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	-	(D)
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	-	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	-	(D)
	ARIZONA . . . . .	17	1	5	1	-	1	2	7	6	-	4	3	13
20	FOOD AND KINDRED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	-	(D)
24	LUMBER AND WOOD PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	5	1	1	1	-	-	1	3	-	-	-	1	4
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	(D)	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	-	-	-	(D)	-	(D)	-	(D)	-	(D)
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-	-	-
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	(D)	-	-	-	-
	UTAH . . . . .	13	-	7	4	2	3	2	7	1	-	3	2	21
20	FOOD AND KINDRED PRODUCTS . . . . .	5	-	2	1	1	1	-	2	-	-	-	2	10
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
29	PETROLEUM AND COAL PRODUCTS . . . . .	3	-	3	2	-	-	-	2	-	-	1	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	(D)	(D)	-	-	-	-	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	-	(D)	-	(D)	(D)	-	-	(D)	-	(D)
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	-	-	-	-	-	(D)	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	-	-	(D)	-	(D)	-	-	(D)	-	-
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
	NEVADA . . . . .	3	-	1	-	1	-	1	3	1	-	-	1	8
20	FOOD AND KINDRED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	-	(D)
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	-	(D)	-	(D)	-	-	-	-	-	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-	(D)	(D)
	PACIFIC DIVISION . . . . .	364	24	150	51	11	16	13	96	85	6	48	102	557
	WASHINGTON . . . . .	82	3	40	10	5	3	3	29	8	-	11	26	85

See footnotes at end of table.



TABLE 8. Water Discharged, Water Treated Prior to Discharge and Number of Establishments Treating Water Prior to Discharge by Type of Treatment: 1968—Continued

## C. STATES AND MAJOR INDUSTRY GROUPS—Continued

Code	State and major industry group	Water discharged (billion gallons)												
		Total	Treated prior to discharge by type of treatment											
			Total	Coagulation	Settling		Trickling filters	Activated sludge	Digestion	Ponds or lagoons	pH	Sand filtration	Chlorination	Flotation
					Primary	Secondary								
20	WASHINGTON													
20	FOOD AND KINDRED PRODUCTS . . . . .	13.4	3.9	-	1.6	1.6	-	-	-	1.9	-	-	-	1.1
24	LUMBER AND WOOD PRODUCTS . . . . .	19.7	4.4	-	2.4	-	-	-	-	2.2	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	210.1	82.1	-	74.8	-	-	-	-	26.3	-	-	-	18.4
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	41.2	6.9	-	-	-	-	-	-	6.7	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS . . . . .	2.3	2.2	-	1.6	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	2.4	.3	-	-	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	39.2	14.2	-	.9	-	-	-	-	-	-	-	1.1	-
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
20	OREGON . . . . .	138.0	48.6	-	35.9	5.6	-	.3	-	5.7	.5	-	.3	9.7
20	FOOD AND KINDRED PRODUCTS . . . . .	6.4	1.8	-	.7	-	-	-	-	.2	-	-	-	.7
22	TEXTILE MILL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . . . .	33.7	8.5	-	4.4	-	-	-	-	4.0	-	-	-	4.2
26	PAPER AND ALLIED PRODUCTS . . . . .	75.5	33.5	-	26.8	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	12.6	.9	-	-	-	-	-	-	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	7.9	3.3	-	-	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
20	CALIFORNIA . . . . .	307.4	173.9	8.1	106.3	79.9	.3	3.3	.4	104.5	49.6	.2	13.9	58.0
20	FOOD AND KINDRED PRODUCTS . . . . .	60.7	17.8	-	4.7	-	-	-	-	5.6	3.9	-	2.8	3.7
22	TEXTILE MILL PRODUCTS . . . . .	.8	-	-	-	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . . . .	20.6	.6	-	-	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	44.4	21.5	-	2.5	-	-	-	-	-	20.2	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	26.8	18.0	3.0	11.4	1.0	-	-	-	14.5	15.8	-	-	.4
29	PETROLEUM AND COAL PRODUCTS . . . . .	101.8	92.8	4.3	79.2	75.0	-	-	-	73.0	7.5	-	-	40.5
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	1.2	-	-	-	-	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	22.2	12.2	-	-	-	-	-	-	.6	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	9.9	7.4	-	-	-	-	-	-	-	.2	-	-	-
34	FABRICATED METAL PRODUCTS . . . . .	1.2	.4	-	-	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	1.2	.2	-	-	-	-	-	-	-	.1	-	-	-
36	ELECTRICAL EQUIP. AND SUPPLIES . . . . .	3.5	.5	-	-	-	-	-	-	-	.3	-	-	.2
37	TRANSPORTATION EQUIPMENT . . . . .	6.4	1.0	-	.2	-	-	-	-	-	.3	-	-	.3
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
20	ALASKA . . . . .	32.3	16.9	-	-	-	-	-	-	-	-	-	-	-
20	FOOD AND KINDRED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
20	HAWAII . . . . .	93.3	31.2	-	27.9	-	-	-	-	-	-	-	-	-
20	FOOD AND KINDRED PRODUCTS . . . . .	92.2	30.0	-	26.7	-	-	-	-	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-

Note: Detailed figures may not add to totals because of independent rounding. The figures shown for industry groups include data for all component industries whether or not separate figures are shown for the individual industries in the group.

TABLE 8. Water Discharged, Water Treated Prior to Discharge and Number of Establishments Treating Water Prior to Discharge by Type of Treatment: 1968—Continued

## C. STATES AND MAJOR INDUSTRY GROUPS—Continued

Code	State and major industry group	Number of establishments treating water prior to discharge by type of treatment												
		Total	Coagulation	Settling		Trickling filters	Activated sludge	Digestion	Ponds or lagoons	pH	Sand filtration	Chlorination	Flotation	Other
				Primary	Secondary									
WASHINGTON														
20	FOOD AND KINDRED PRODUCTS. . . . .	24	-	11	4	2	1	-	7	1	-	2	10	44
24	LUMBER AND WOOD PRODUCTS. . . . .	7	-	5	-	-	-	-	4	-	-	-	-	14
26	PAPER AND ALLIED PRODUCTS. . . . .	22	1	12	-	-	-	2	7	-	-	2	10	6
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	7	-	1	1	1	-	-	4	3	-	-	-	4
29	PETROLEUM AND COAL PRODUCTS. . . . .	5	-	4	2	2	2	-	3	2	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	4	-	1	1	-	-	-	1	-	-	-	3	6
33	PRIMARY METAL INDUSTRIES. . . . .	11	1	5	1	-	-	1	2	1	-	4	1	5
34	FABRICATED METAL PRODUCTS. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	(D)	(D)
37	TRANSPORTATION EQUIPMENT. . . . .	(D)	(D)	(D)	(D)	-	-	-	(D)	(D)	-	(D)	(D)	(D)
OREGON . . . . .														
20	FOOD AND KINDRED PRODUCTS. . . . .	52	3	23	8	1	4	2	17	5	1	6	17	77
22	TEXTILE MILL PRODUCTS. . . . .	13	-	4	-	-	2	-	4	-	-	1	6	25
24	LUMBER AND WOOD PRODUCTS. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
26	PAPER AND ALLIED PRODUCTS. . . . .	11	-	4	2	1	-	1	5	-	-	2	4	33
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	12	1	8	3	-	-	-	3	1	1	2	3	5
29	PETROLEUM AND COAL PRODUCTS. . . . .	5	-	3	2	-	-	-	3	1	-	-	-	2
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
31	LEATHER AND LEATHER PRODUCTS. . . . .	(D)	(D)	(D)	-	-	(D)	-	-	-	-	-	(D)	(D)
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	-	(D)
33	PRIMARY METAL INDUSTRIES. . . . .	4	-	3	1	-	-	1	-	1	-	-	1	3
34	FABRICATED METAL PRODUCTS. . . . .	(D)	(D)	(D)	-	-	-	-	-	1	-	-	-	1
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	1
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	(D)	(D)	(D)	-	-	(D)	-	(D)	(D)	-	(D)	-	-
37	TRANSPORTATION EQUIPMENT. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	(D)	-
CALIFORNIA . . . . .														
20	FOOD AND KINDRED PRODUCTS. . . . .	212	17	76	29	5	9	8	46	70	4	29	54	373
22	TEXTILE MILL PRODUCTS. . . . .	65	3	18	1	-	2	2	16	4	2	14	17	176
24	LUMBER AND WOOD PRODUCTS. . . . .	4	-	2	1	-	-	-	-	1	-	-	-	7
26	PAPER AND ALLIED PRODUCTS. . . . .	3	-	2	2	2	1	1	-	1	-	2	1	14
28	CHEMICALS AND ALLIED PRODUCTS. . . . .	16	2	9	3	-	1	-	3	6	-	1	3	13
29	PETROLEUM AND COAL PRODUCTS. . . . .	24	5	8	4	1	-	-	7	15	1	1	6	30
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	23	4	17	10	-	-	-	9	6	-	1	8	2
31	LEATHER AND LEATHER PRODUCTS. . . . .	3	-	1	1	-	-	2	1	1	-	1	1	6
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	(D)
33	PRIMARY METAL INDUSTRIES. . . . .	13	-	3	2	1	2	3	5	-	1	1	3	36
34	FABRICATED METAL PRODUCTS. . . . .	10	-	3	-	-	-	-	2	5	-	2	1	17
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	5	-	2	1	-	-	-	-	3	-	3	1	15
36	ELECTRICAL EQUIP. AND SUPPLIES. . . . .	7	1	1	-	-	-	-	-	5	-	-	1	7
37	TRANSPORTATION EQUIPMENT. . . . .	14	-	3	2	-	-	-	-	11	-	2	4	19
38	INSTRUMENTS AND RELATED PRODUCTS. . . . .	15	2	6	2	-	3	-	1	6	-	1	5	11
39	MISC. MANUFACTURING INDUSTRIES. . . . .	(D)	(D)	(D)	-	-	-	-	-	(D)	-	-	(D)	(D)
ALASKA . . . . .														
20	FOOD AND KINDRED PRODUCTS. . . . .	6	-	2	1	-	-	-	2	-	-	2	2	6
26	PAPER AND ALLIED PRODUCTS. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	(D)	-	(D)
29	PETROLEUM AND COAL PRODUCTS. . . . .	(D)	(D)	(D)	-	-	-	-	(D)	-	-	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	(D)	(D)	(D)	(D)	-	-	-	(D)	-	-	-	-	-
HAWAII . . . . .														
20	FOOD AND KINDRED PRODUCTS. . . . .	12	1	9	3	-	-	-	2	2	1	-	3	16
29	PETROLEUM AND COAL PRODUCTS. . . . .	11	1	8	2	-	-	-	2	1	1	-	2	15
32	STONE, CLAY, AND GLASS PRODUCTS. . . . .	(D)	(D)	(D)	(D)	-	-	-	-	(D)	-	-	(D)	-
39	MISC. MANUFACTURING INDUSTRIES. . . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-

Standard notes: - Represents zero.

(D) Withheld to avoid disclosing figures of individual companies.

(Z) Less than 50 million gallons.

**TABLE 9. Water Intake by Purpose, Gross Water Used, and Water Treated and Discharge by Point of Discharge for Establishments Treating Water Prior to Discharge: 1968**

(All water data in billions of gallons)

Code	Industry group	All employees (1,000)	Water intake by purpose						Gross water used, including recirculation or reuse
			Total	Process	Air conditioning	Steam electric power generation	Other cooling and condensing	Boiler feed, sanitary service, and other uses	
	ALL INDUSTRIES: TOTAL . . . . .	3 727.6	11 514.7	3 232.8	180.5	2 177.4	5 471.9	660.9	28 348.3
20	FOOD AND KINDRED PRODUCTS . . . . .	232.0	383.1	153.7	6.5	51.2	139.7	32.0	665.8
201	MEAT PRODUCTS . . . . .	86.9	58.5	32.3	1.8	1.1	12.7	10.6	103.3
202	DAIRY PRODUCTS . . . . .	4.7	6.6	2.5	.1	.1	3.1	.8	9.2
203	CANNED, CURED, AND FROZEN FOODS . . . . .	75.1	87.6	46.8	1.4	1.9	30.7	6.8	154.7
204	GRAIN MILL PRODUCTS . . . . .	15.6	33.5	5.9	.5	6.3	18.6	2.1	53.2
205	BAKERY PRODUCTS . . . . .	4.4	.4	.1	.1	-	(Z)	.2	2.3
206	SUGAR . . . . .	14.6	146.5	55.2	.3	39.7	45.0	6.4	228.9
207	CONFECTIONERY AND RELATED PRODUCTS . . . . .	3.4	1.2	.3	.1	-	.3	.4	11.3
208	BEVERAGES . . . . .	10.9	24.9	4.8	1.4	1.7	14.9	2.2	41.0
209	MISC. FOODS AND KINDRED PRODUCTS . . . . .	16.4	23.9	5.9	.8	.2	14.4	2.6	62.0
21	TOBACCO MANUFACTURES . . . . .	13.2	4.2	1.4	.2	.2	1.8	.5	63.9
211	CIGARETTES . . . . .	12.0	1.9	.9	.2	.2	.1	.5	59.8
212	CIGARS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
214	TOBACCO STEMMING AND REDRYING . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
22	TEXTILE MILL PRODUCTS . . . . .	141.7	70.9	53.2	3.9	2.2	3.4	8.3	119.6
221	WEAVING MILLS, COTTON . . . . .	54.5	13.8	8.7	1.5	.7	.6	2.3	39.3
222	WEAVING MILLS, SYNTHETICS . . . . .	21.6	7.0	5.2	.6	-	.1	1.1	14.4
223	WEAVING AND FINISHING MILLS, WOOL . . . . .	9.8	6.4	5.7	.1	(Z)	.1	.5	10.7
225	KNITTING MILLS . . . . .	10.1	3.2	2.2	.2	-	.3	.3	4.7
226	TEXTILE FINISHING, EXCEPT WOOL . . . . .	19.1	28.2	23.9	.5	.2	1.8	1.8	31.7
227	FLOOR COVERING MILLS . . . . .	7.7	3.9	2.5	.6	-	.1	.7	5.8
228	YARN AND THREAD MILLS . . . . .	11.0	6.0	3.5	.3	1.3	.1	.8	8.8
229	MISCELLANEOUS TEXTILE GOODS . . . . .	8.0	2.4	1.4	.2	(Z)	.3	.5	4.2
24	LUMBER AND WOOD PRODUCTS . . . . .	22.9	45.3	18.2	(Z)	17.9	3.3	5.8	109.7
241	LOGGING CAMPS, LOGGING CONTRACTORS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
242	SAWMILLS AND PLANING MILLS . . . . .	13.9	29.3	9.3	(Z)	14.5	2.8	2.7	55.2
243	MILLWORK, PLYWOOD, RELATED PROD. . . . .	3.0	6.4	4.3	(Z)	1.1	.1	.8	39.3
244	WOODEN CONTAINERS . . . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
249	MISCELLANEOUS WOOD PRODUCTS . . . . .	5.5	9.3	4.5	(Z)	2.3	.4	2.1	14.9
25	FURNITURE AND FIXTURES . . . . .	9.1	.7	.3	(Z)	-	.1	.2	.9
251	HOUSEHOLD FURNITURE . . . . .	3.7	.2	.1	(Z)	-	(Z)	.1	.3
252	OFFICE FURNITURE . . . . .	2.5	.1	(Z)	(Z)	-	.1	(Z)	.2
254	PARTITIONS AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	-	(Z)	(Z)	(D)
259	MISC. FURNITURE AND FIXTURES . . . . .	(D)	(D)	(D)	(D)	-	(Z)	(Z)	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	171.6	1 744.0	1 122.3	14.6	318.4	192.4	96.3	5 388.6
261	PULPMILLS . . . . .	6.3	176.1	147.3	.2	7.8	10.7	10.0	529.4
262	PAPERMILLS, EXCEPT BUILDING PAPER . . . . .	100.3	920.7	593.8	7.5	187.5	76.6	55.4	2 593.3
263	PAPERBOARD MILLS . . . . .	47.9	617.5	363.8	6.2	118.3	100.0	29.2	2 173.5
264	MISC. CONVERTED PAPER PRODUCTS . . . . .	6.2	12.4	7.1	.6	.3	3.8	.5	36.3
265	PAPERBOARD CONTAINERS AND BOXES . . . . .	6.2	3.0	.9	.1	1.1	.5	.4	8.4
266	BUILDING PAPER AND BOARD MILLS . . . . .	4.7	14.3	9.4	(Z)	3.4	.7	.8	47.6
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	364.6	3 237.0	383.9	86.1	494.0	2 103.2	169.8	7 254.5
281	INDUSTRIAL CHEMICALS . . . . .	147.9	2 354.7	222.3	27.0	433.5	1 577.2	94.7	4 874.5
282	PLASTICS MATERIALS AND SYNTHETICS . . . . .	127.8	555.7	95.0	54.7	54.1	315.7	36.2	1 484.9
283	DRUGS . . . . .	32.0	23.1	3.9	2.6	(Z)	14.4	2.2	81.7
284	SOAP, CLEANERS, AND TOILET GOODS . . . . .	10.1	15.4	1.1	.2	.2	13.0	1.0	22.1
285	PAINTS AND ALLIED PRODUCTS . . . . .	3.0	2.3	.1	(Z)	-	1.6	.6	3.3
286	GUM AND WOOD CHEMICALS . . . . .	2.3	9.8	.6	(Z)	.3	7.5	1.4	95.0
287	AGRICULTURAL CHEMICALS . . . . .	9.7	103.3	24.0	1.1	.2	53.7	24.2	473.1
289	MISCELLANEOUS CHEMICAL PRODUCTS . . . . .	31.8	172.7	36.8	.5	5.7	120.2	9.6	220.0
29	PETROLEUM AND COAL PRODUCTS . . . . .	96.7	1 257.4	92.1	2.6	98.3	959.1	105.4	6 923.2
291	PETROLEUM REFINING . . . . .	94.3	1 252.8	90.3	2.6	96.5	958.3	105.2	6 917.4
295	PAVING AND ROOFING MATERIALS . . . . .	1.7	4.5	1.8	(Z)	1.8	.8	.1	5.7
299	MISC. PETROLEUM AND COAL PRODUCTS . . . . .	.7	.1	(Z)	(Z)	-	.1	.1	.2
30	RUBBER AND PLASTICS PRODUCTS, NEC. . . . .	63.6	54.6	7.2	3.1	10.2	28.3	5.7	99.5
301	TIRES AND INNER TUBES . . . . .	26.8	29.3	3.0	.4	10.2	12.9	2.7	57.3
302	RUBBER FOOTWEAR . . . . .	1.1	.1	(Z)	(Z)	-	(Z)	(Z)	.2
303	RECLAIMED RUBBER . . . . .	.3	.8	(Z)	-	-	.8	(Z)	.8
306	FABRICATED RUBBER PRODUCTS, NEC. . . . .	19.6	12.7	1.8	1.2	(Z)	8.9	.8	20.9
307	MISCELLANEOUS PLASTICS PRODUCTS . . . . .	15.8	11.8	2.4	1.5	.1	5.7	2.1	20.3
31	LEATHER AND LEATHER PRODUCTS . . . . .	11.3	10.6	9.6	.1	.2	.2	.6	13.6
311	LEATHER TANNING AND FINISHING . . . . .	11.3	10.6	9.6	.1	.2	.2	.6	13.6
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	88.9	126.6	40.8	1.1	49.0	26.3	9.5	209.0
321	FLAT GLASS . . . . .	10.8	30.8	5.6	.5	16.7	5.4	2.6	50.1
322	GLASS, GLASSWARE, PRESSED OR BLOWN . . . . .	27.3	7.5	1.9	.2	.1	4.6	.7	41.1
323	PRODUCTS OF PURCHASED GLASS . . . . .	5.0	1.1	.8	(Z)	.1	(Z)	.2	3.4
324	CEMENT, HYDRAULIC . . . . .	8.1	47.7	5.2	.1	30.3	11.2	.9	53.9
325	STRUCTURAL CLAY PRODUCTS . . . . .	1.3	.3	(Z)	(Z)	-	.3	(Z)	.5
326	POTTERY AND RELATED PRODUCTS . . . . .	5.4	.7	.3	(Z)	.1	.1	.3	3.9
327	CONCRETE, GYPSUM, PLASTER PRODUCTS . . . . .	5.1	6.7	4.1	(Z)	-	.7	1.9	7.4
328	CUT STONE AND STONE PRODUCTS . . . . .	1.2	1.0	1.0	(Z)	-	(Z)	(Z)	1.2
329	MISC. NONMETALLIC MINERAL PRODUCTS . . . . .	24.7	30.8	22.0	.2	1.7	3.9	2.9	47.5
33	PRIMARY METAL INDUSTRIES . . . . .	584.1	4 146.2	1 029.1	20.5	1 065.4	1 910.1	121.0	6 294.3
331	BLAST FURNACE, BASIC STEEL PROD. . . . .	432.8	3 928.9	963.9	17.0	1 036.3	1 812.7	99.0	5 696.1
332	IRON AND STEEL FOUNDRIES . . . . .	38.8	28.0	5.6	.3	(Z)	15.0	7.2	41.4
333	PRIMARY NONFERROUS METALS . . . . .	29.1	129.1	36.7	1.1	27.3	53.1	10.9	404.7
334	SECONDARY NONFERROUS METALS . . . . .	.8	.8	.7	-	-	(Z)	.1	1.2
335	NONFERROUS ROLLING AND DRAWING . . . . .	65.3	55.9	21.3	2.0	1.8	27.5	3.3	134.8
336	NONFERROUS FOUNDRIES . . . . .	9.8	1.9	.8	.1	(Z)	.7	.2	13.5
339	MISC. PRIMARY METAL PRODUCTS . . . . .	7.4	1.5	.2	(Z)	-	1.0	.4	2.6
34	FABRICATED METAL PRODUCTS . . . . .	102.9	19.7	12.9	.6	.2	3.3	2.7	54.7
341	METAL CANS . . . . .	1.5	.2	.1	(Z)	-	.1	(Z)	.2
342	CUTLERY, HANDTOOLS, AND HARDWARE . . . . .	28.0	4.5	2.9	.2	(Z)	.9	.5	9.4
343	PLUMBING AND HEATING EXC. ELECTRIC . . . . .	4.2	1.2	.7	(Z)	.1	.2	.2	1.6
344	FABRICATED STRUCTURAL METAL PROD. . . . .	7.2	1.1	.4	(Z)	-	.3	.3	1.6

See footnotes at end of table.



**TABLE 9. Water Intake by Purpose, Gross Water Used, and Water Treated and Discharge by Point of Discharge for Establishments Treating Water Prior to Discharge: 1968—Continued**

(All water data in billions of gallons)								
Code	Industry group	Water discharged					Treated before discharge (included in total)	
		Total	Public utility sewer	Surface water body	Tidewater body	Ground		
	ALL INDUSTRIES, TOTAL . . . . .	10660.6	451.6	7 535.9	2 410.9	110.5	151.7	4 353.2
20	EDDO AND KINORED PRODUCTS . . . . .	362.7	77.5	163.1	29.7	27.3	65.1	184.7
201	MEAT PRODUCTS . . . . .	55.7	31.6	21.1	.9	2.0	(Z)	38.5
202	DAIRY PRODUCTS . . . . .	6.1	2.4	3.5	-	.1	(Z)	2.1
203	CANNEO, CUREO, AND FROZEN FOODS . . . . .	82.9	21.4	45.2	5.7	9.7	.9	47.7
204	GRAIN MILL PRODUCTS . . . . .	32.0	4.3	23.6	3.9	.2	-	6.0
205	BAKERY PRODUCTS . . . . .	.2	.2	(Z)	-	(Z)	-	.2
206	SUGAR . . . . .	140.1	3.2	42.5	17.4	13.6	63.4	70.8
207	CONFECTIONERY AND RELATEO PRODUCTS . . . . .	1.2	.8	.2	-	.2	-	.9
208	BEVERAGES . . . . .	22.6	4.7	17.0	-	.7	.2	7.4
209	MISC. FOODS AND KINDRED PRODUCTS . . . . .	21.9	8.9	10.0	1.8	.7	.5	11.1
21	TOBACCO MANUFACTURES . . . . .	3.6	1.2	2.3	-	(Z)	.1	.5
211	CIGARETTES . . . . .	1.4	1.2	.2	-	-	.1	(Z)
212	CIGARS . . . . .	(O)	(O)	(O)	(O)	(O)	(O)	(O)
214	TOBACCO STEMMING AND REORYING . . . . .	(D)	(O)	(O)	(D)	(O)	(O)	(O)
22	TEXTILE MILL PRODUCTS . . . . .	61.9	8.7	51.0	.6	.8	.9	53.7
221	WEAVING MILLS, COTTON . . . . .	11.2	1.5	8.8	(Z)	.1	.8	9.5
222	WEAVING MILLS, SYNTHETICS . . . . .	6.3	1.8	4.2	.3	(Z)	-	5.3
223	WEAVING AND FINISHING MILLS, WOOL . . . . .	6.1	.6	5.5	-	(Z)	-	5.9
225	KNITTING MILLS . . . . .	3.0	1.1	1.7	-	.1	.1	2.3
226	TEXTILE FINISHING, EXCEPT WOOL . . . . .	24.0	1.3	22.3	.3	.1	(Z)	21.5
227	FLOOR COVERING MILLS . . . . .	3.6	.9	2.2	(Z)	.5	-	2.8
228	YARN AND THREAD MILLS . . . . .	5.7	1.2	4.5	-	(Z)	-	4.9
229	MISCELLANEOUS TEXTILE GOODS . . . . .	2.1	.4	1.6	-	(Z)	(Z)	1.5
24	LUMBER AND WOOD PRODUCTS . . . . .	39.7	1.1	30.9	5.1	1.5	1.1	18.7
241	LOGGING CAMPS, LOGGING CONTRACTORS . . . . .	(O)	(O)	(O)	(D)	(D)	(O)	(O)
242	SAWMILLS AND PLANING MILLS . . . . .	26.9	.6	24.0	.3	1.4	.6	11.4
243	MILLWORK, PLYWOOD, RELATEO PRDD . . . . .	6.1	(Z)	1.2	4.8	(Z)	(Z)	3.8
244	WOODEN CONTAINERS . . . . .	(O)	(D)	(O)	(O)	(O)	(O)	(O)
249	MISCELLANEOUS WOOD PRODUCTS . . . . .	6.6	.4	5.6	-	.1	.5	3.4
25	FURNITURE AND FIXTURES . . . . .	.6	.2	.4	-	(Z)	-	.3
251	HOUSEHOLD FURNITURE . . . . .	.2	(Z)	.2	-	(Z)	-	.1
252	OFFICE FURNITURE . . . . .	.1	(Z)	.1	-	-	-	(Z)
254	PARTITIONS AND FIXTURES . . . . .	(D)	(D)	(D)	-	-	-	(D)
259	MISC. FURNITURE AND FIXTURES . . . . .	(D)	(O)	(O)	-	(Z)	-	(D)
26	PAPER AND ALLIED PRODUCTS . . . . .	1 606.0	34.4	1 208.9	344.9	12.1	5.6	915.3
261	PULPMILLS . . . . .	171.1	.2	77.3	91.1	.7	1.9	83.3
262	PAPERMILLS, EXCEPT BUILDING PAPER . . . . .	821.0	20.4	680.5	115.4	2.4	2.4	467.1
263	PAPERBOARD MILLS . . . . .	589.5	8.9	432.9	138.0	9.1	.6	348.7
264	MISC. CONVERTED PAPER PRODUCTS . . . . .	11.9	1.6	9.8	-	(Z)	.6	8.4
265	PAPERBOARD CONTAINERS AND BOXES . . . . .	1.9	.6	1.3	-	-	-	1.6
266	BUILDING PAPER AND BOARD MILLS . . . . .	10.5	2.7	7.1	.5	(Z)	.2	6.2
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	2 995.4	133.4	1 637.4	1 138.4	27.4	58.8	674.2
281	INDUSTRIAL CHEMICALS . . . . .	2 191.6	113.9	1 015.8	989.0	19.5	53.5	466.0
282	PLASTICS MATERIALS AND SYNTHETICS . . . . .	507.5	8.0	393.3	102.8	2.5	.3	141.5
283	DRUGS . . . . .	21.8	4.1	15.1	(Z)	2.4	.3	6.3
284	SOAP, CLEANERS, AND TOILET GOODS . . . . .	15.0	2.2	5.5	7.1	.1	(Z)	.6
285	PAINTS AND ALLIED PRODUCTS . . . . .	2.3	.7	1.4	.1	(Z)	(Z)	.3
286	GUM AND WOOD CHEMICALS . . . . .	8.2	.1	6.3	1.1	.2	.6	3.4
287	AGRICULTURAL CHEMICALS . . . . .	88.0	.3	50.3	36.7	.7	(Z)	29.9
289	MISCELLANEOUS CHEMICAL PRODUCTS . . . . .	161.0	4.1	149.4	1.5	2.0	4.0	26.3
29	PETROLEUM AND COAL PRODUCTS . . . . .	1 115.7	5.6	571.8	516.3	12.9	9.1	917.7
291	PETROLEUM REFINING . . . . .	1 111.6	5.3	568.1	516.3	12.9	9.1	917.1
295	PAVING AND ROOFING MATERIALS . . . . .	4.0	.3	3.6	(Z)	(Z)	-	.6
299	MISC. PETROLEUM AND COAL PRODUCTS . . . . .	.1	(Z)	.1	-	-	-	(Z)
30	RUBBER AND PLASTICS PRODUCTS, NEC . . . . .	52.8	4.0	48.4	.2	.2	(Z)	7.3
301	TIRES AND INNER TUBES . . . . .	29.2	.6	28.4	-	.1	(Z)	3.9
302	RUBBER FOOTWEAR . . . . .	(Z)	(Z)	(Z)	-	-	-	(Z)
303	RECLAIMED RUBBER . . . . .	.8	(Z)	.7	-	-	-	.8
306	FABRICATED RUBBER PRODUCTS, NEC . . . . .	11.9	1.9	10.0	.1	(Z)	-	1.0
307	MISCELLANEOUS PLASTICS PRODUCTS . . . . .	10.9	1.5	9.3	.1	(Z)	-	1.6
31	LEATHER AND LEATHER PRODUCTS . . . . .	9.9	6.3	3.2	.2	.3	(Z)	9.5
311	LEATHER TANNING AND FINISHING . . . . .	9.9	6.3	3.2	.2	.3	(Z)	9.5
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	111.7	7.0	87.6	14.6	2.3	.2	36.3
321	FLAT GLASS . . . . .	30.2	.8	29.3	-	(Z)	(Z)	4.9
322	GLASS, GLASSWARE, PRESSED OR BLOWN . . . . .	6.8	1.3	5.1	.1	.3	(Z)	4.0
323	PRODUCTS OF PURCHASED GLASS . . . . .	1.1	.3	.8	-	-	(Z)	.6
324	CEMENT, HYDRAULIC . . . . .	39.9	.3	39.1	-	.5	-	1.9
325	STRUCTURAL CLAY PRODUCTS . . . . .	.3	(Z)	.3	-	(Z)	(Z)	(Z)
326	POTTERY AND RELATEO PRODUCTS . . . . .	.4	.1	.2	.1	.1	-	.2
327	CONCRETE, GYPSUM, PLASTER PRODUCTS . . . . .	5.4	.1	3.7	.4	1.2	(Z)	3.9
328	CUT STONE AND STONE PRODUCTS . . . . .	1.0	.3	.7	-	-	-	.9
329	MISC. NONMETALLIC MINERAL PRODUCTS . . . . .	26.7	3.8	8.5	14.1	.2	.1	20.0
33	PRIMARY METAL INDUSTRIES . . . . .	3 891.9	70.3	3 477.3	322.6	12.8	8.9	1 430.9
331	BLAST FURNACE, BASIC STEEL PROO . . . . .	3 705.0	45.2	3 342.0	305.5	7.9	4.5	1 355.2
332	IRON AND STEEL FOUNORIES . . . . .	22.6	7.4	14.9	.2	.1	(Z)	14.0
333	PRIMARY NONFERROUS METALS . . . . .	107.3	7.7	78.7	16.1	3.5	1.2	36.7
334	SECONDARY NONFERROUS METALS . . . . .	.8	.2	.6	-	(Z)	-	.7
335	NONFERROUS ROLLING AND DRAWING . . . . .	53.0	8.9	39.0	.7	1.2	3.2	22.7
336	NONFERROUS FOUNORIES . . . . .	1.8	.6	1.0	-	.1	-	1.0
339	MISC. PRIMARY METAL PRODUCTS . . . . .	1.3	.3	1.0	-	(Z)	(Z)	.6
34	FABRICATED METAL PRODUCTS . . . . .	18.2	8.6	6.8	.2	2.6	(Z)	9.0
341	METAL CANS . . . . .	.2	.1	(Z)	-	.1	-	.1
342	CUTLERY, HANDTOOLS, AND HARDWARE . . . . .	4.0	1.9	2.0	(Z)	(Z)	-	2.3
343	PLUMBING AND HEATING EXC. ELECTRIC . . . . .	1.1	.6	.3	-	.2	(Z)	.5
344	FABRICATED STRUCTURAL METAL PROD . . . . .	1.0	.3	.5	.1	.1	-	.6

See footnotes at end of table.

TABLE 9. Water Intake by Purpose, Gross Water Used, and Water Treated and Discharge by Point of Discharge for Establishments Treating Water Prior to Discharge: 1968—Continued

(All water data in billions of gallons)

Code	Industry group	All employees (1,000)	Water intake by purpose						Gross water used, including recirculation or reuse
			Total	Process	Air conditioning	Steam electric power generation	Other cooling and condensing	Boiler feed, sanitary service, and other uses	
345	SCREW MACHINE PRODUCTS, BOLTS, ETC..	12.8	2.1	1.6	.1	(Z)	.2	.2	3.3
346	METAL STAMPINGS. . . . .	32.0	4.9	3.4	.1	.1	.4	1.0	30.5
347	METAL SERVICES, NEC. . . . .	2.3	2.7	2.5	(Z)	(Z)	.2	.1	3.3
348	MISC. FABRICATED WIRE PRODUCTS. . .	1.6	.2	.1	(Z)	-	-	(Z)	.2
349	MISC. FABRICATED METAL PRODUCTS. . .	13.5	2.8	1.3	.1	-	1.0	.3	4.5
35	MACHINERY, EXCEPT ELECTRICAL . . .	280.0	121.0	11.1	11.6	54.8	33.5	10.1	208.5
351	ENGINES AND TURBINES . . . . .	47.1	72.4	2.1	2.0	39.0	25.5	3.8	83.3
352	FARM MACHINERY . . . . .	30.2	14.7	2.2	.5	10.6	.7	.7	21.7
353	CONSTRUCTION AND RELATED MACHINERY .	49.6	12.2	3.0	.9	5.0	2.0	1.3	36.3
354	METALWORKING MACHINERY . . . . .	19.0	1.3	.5	.1	(Z)	.4	.3	2.6
355	SPECIAL INDUSTRY MACHINERY . . . . .	9.2	1.2	.7	.1	(Z)	.2	.2	1.8
356	GENERAL INDUSTRIAL MACHINERY . . . .	36.0	5.0	.5	.4	(Z)	2.9	1.2	26.2
357	OFFICE AND COMPUTING MACHINES. . . .	58.7	10.8	.9	7.4	-	1.1	1.5	28.2
358	SERVICE INDUSTRY MACHINES. . . . .	22.2	2.4	.9	.2	(Z)	.4	1.0	5.7
359	MISC. MACHINERY, EXCEPT ELECTRICAL .	8.0	.8	.4	(Z)	-	.3	.2	2.7
36	ELECTRICAL EQUIP. AND SUPPLIES . . .	559.3	69.3	28.6	7.8	3.7	15.0	14.2	259.7
361	ELECTRIC TEST, DISTRIBUTING EQUIP. . .	49.9	7.1	1.3	.7	2.7	1.2	1.2	17.4
362	ELECTRICAL INDUSTRIAL APPARATUS. . .	37.9	8.6	1.3	.7	.3	4.7	1.7	16.0
363	HOUSEHOLD APPLIANCES . . . . .	65.0	18.0	13.1	1.0	(Z)	2.1	1.8	27.8
364	ELECT. LIGHTING, AND WIRING EQUIP. . .	29.2	4.6	2.3	.1	(Z)	1.3	.8	9.4
365	RADIO AND TV RECEIVING EQUIPMENT . .	34.2	1.7	.7	(Z)	(Z)	.6	.4	6.7
366	COMMUNICATION EQUIPMENT. . . . .	207.7	11.8	3.1	2.6	.7	1.6	3.8	99.5
367	ELECTRONIC COMPONENTS, ACCESSORIES .	120.0	14.6	5.5	2.5	-	2.8	3.8	71.9
369	MISC. ELECTRICAL EQUIP., SUPPLIES. . .	15.5	2.9	1.3	.1	-	.8	.7	10.8
37	TRANSPORTATION EQUIPMENT . . . . .	755.9	159.7	39.5	20.2	.6	29.7	69.7	525.6
371	MOTOR VEHICLES AND EQUIPMENT . . . .	306.9	106.9	26.7	2.2	(Z)	19.8	58.2	388.0
372	AIRCRAFT AND PARTS . . . . .	410.0	47.6	11.4	17.9	(Z)	8.3	9.9	126.1
373	SHIP AND BOAT BUILDING, REPAIRING. . .	(D)	(D)	(D)	-	-	(D)	(D)	(D)
374	RAILROAD EQUIPMENT . . . . .	23.5	2.4	.5	.1	.5	.4	.9	8.0
375	MOTORCYCLES, BICYCLES, AND PARTS . .	(D)	(D)	(D)	-	-	(D)	(D)	(D)
38	INSTRUMENTS AND RELATED PRODUCTS . .	74.1	23.6	11.1	.5	8.1	1.3	2.7	87.4
381	ENGINEERING, SCIENTIFIC INSTRUMENTS.	3.0	.1	(Z)	(Z)	-	(Z)	(Z)	1.9
382	MECHAN. MEASURING, CONTROL DEVICES .	15.7	1.0	.5	.1	-	.1	.4	3.1
383	OPTICAL INSTRUMENTS AND LENSES . . .	7.5	.3	.1	.1	-	(Z)	.1	1.3
384	MEDICAL INSTRUMENTS AND SUPPLIES . .	2.8	.8	.2	(Z)	-	.3	.2	1.8
385	OPHTHALMIC GOODS . . . . .	8.7	8.4	.5	(Z)	7.0	.4	.5	10.1
386	PHOTOGRAPHIC EQUIP. AND SUPPLIES . .	30.3	12.8	9.6	.2	1.1	.5	1.3	68.6
387	WATCHES, CLOCKS, AND WATCHCASES. . .	6.1	.2	.1	.1	-	(Z)	.1	.6
39	MISC. MANUFACTURING INDUSTRIES . . .	14.5	6.0	.9	.1	3.0	.5	1.4	11.0
391	JEWELRY, SILVERWARE, PLATED WARE . .	3.8	4.3	.1	-	3.0	(Z)	1.1	4.6
394	TOYS AND SPORTING GOODS. . . . .	1.1	.4	.1	-	-	.3	(Z)	.6
395	PENS, PENCILS, OFFICE, ART GOODS . . .	1.1	.1	(Z)	(Z)	-	(Z)	(Z)	.1
396	COSTUME JEWELRY AND NOTIONS. . . . .	4.4	.6	.4	(Z)	-	.1	.2	1.3
399	MISCELLANEOUS MANUFACTURES . . . . .	4.2	.6	.3	.1	-	.1	.2	4.5

Note: Detailed figures may not add to totals because of independent rounding. The figures shown for industry groups include data for all component industries whether or not separate figures are shown for the individual industries in the group.

**TABLE 9. Water Intake by Purpose, Gross Water Used, and Water Treated and Discharge by Point of Discharge for Establishments Treating Water Prior to Discharge: 1968—Continued**

(All water data in billions of gallons)

Code	Industry group	Water discharged						Treated before discharge (included in total)
		Total	Point of discharge					
			Public utility sewer	Surface water body	Tidewater body	Ground	Transferred to other users	
345	SCREW MACHINE PRODUCTS, BOLTS, ETC..	1.9	1.2	.6	-	(Z)	-	.8
346	METAL STAMPINGS. . . . .	4.8	1.6	1.3	-	1.8	-	1.3
347	METAL SERVICES, NEC. . . . .	2.6	1.7	.5	-	.3	(Z)	2.0
348	MISC. FABRICATED WIRE PRODUCTS . . .	.2	.1	.1	-	-	-	.1
349	MISC. FABRICATED METAL PRODUCTS. . .	2.5	1.0	1.3	(Z)	.1	-	1.3
35	MACHINERY, EXCEPT ELECTRICAL . . .	118.5	11.2	78.8	27.5	.7	.2	24.5
351	ENGINES AND TURBINES . . . . .	71.8	3.1	41.1	27.5	.1	-	3.1
352	FARM MACHINERY . . . . .	14.1	.8	13.2	-	(Z)	.1	13.0
353	CONSTRUCTION AND RELATED MACHINERY .	12.1	1.7	10.3	-	(Z)	(Z)	5.1
354	METALWORKING MACHINERY . . . . .	1.0	.7	.2	-	(Z)	-	.2
355	SPECIAL INDUSTRY MACHINERY . . . . .	1.2	.5	.6	-	.1	-	.7
356	GENERAL INDUSTRIAL MACHINERY . . . .	4.6	1.3	3.1	-	.3	(Z)	.9
357	OFFICE AND COMPUTING MACHINES. . . .	10.6	1.3	9.1	-	.1	(Z)	.7
358	SERVICE INDUSTRY MACHINES. . . . .	2.3	1.3	1.0	-	.1	(Z)	.4
359	MISC. MACHINERY, EXCEPT ELECTRICAL .	.8	.6	.2	-	-	-	.4
36	ELECTRICAL EQUIP. AND SUPPLIES . . .	64.4	35.6	25.7	.5	2.6	(Z)	27.5
361	ELECTRIC TEST, DISTRIBUTING EQUIP. . .	6.5	2.0	4.4	-	(Z)	-	1.6
362	ELECTRICAL INDUSTRIAL APPARATUS. . .	8.4	3.0	5.1	.2	.1	-	4.0
363	HOUSEHOLD APPLIANCES . . . . .	17.5	9.1	8.3	(Z)	.1	(Z)	9.5
364	ELECT. LIGHTING, AND WIRING EQUIP. . .	3.8	2.5	1.1	-	.1	(Z)	1.0
365	RADIO AND TV RECEIVING EQUIPMENT . .	1.5	1.1	.3	-	.1	-	.6
366	COMMUNICATION EQUIPMENT. . . . .	10.5	7.5	1.1	.1	1.8	(Z)	3.0
367	ELECTRONIC COMPONENTS, ACCESSORIES .	13.6	8.5	4.7	.2	.3	-	6.7
369	MISC. ELECTRICAL EQUIP., SUPPLIES. . .	2.7	1.9	.6	(Z)	.1	(Z)	1.1
37	TRANSPORTATION EQUIPMENT . . . . .	147.1	39.1	94.1	7.2	6.1	.6	22.5
371	MOTOR VEHICLES AND EQUIPMENT . . . .	98.4	26.2	71.8	.1	.3	.2	14.4
372	AIRCRAFT AND PARTS . . . . .	43.6	10.7	20.9	5.7	5.7	.4	6.0
373	SHIP AND BOAT BUILDING, REPAIRING. . .	(D)	(D)	(D)	(D)	(Z)	(Z)	(D)
374	RAILROAD EQUIPMENT . . . . .	2.4	1.0	1.3	.1	.1	-	1.0
375	MOTORCYCLES, BICYCLES, AND PARTS . . .	(D)	(D)	(D)	-	-	-	(D)
38	INSTRUMENTS AND RELATED PRODUCTS . .	22.5	2.5	19.1	.3	.1	.5	12.6
381	ENGINEERING, SCIENTIFIC INSTRUMENTS .	.1	.1	-	-	-	-	(Z)
382	MECHAN. MEASURING, CONTROL DEVICES . .	1.0	.6	.3	(Z)	(Z)	-	.5
383	OPTICAL INSTRUMENTS AND LENSES . . .	.3	.2	.1	-	(Z)	-	.1
384	MEDICAL INSTRUMENTS AND SUPPLIES . . .	.8	.3	.2	.3	(Z)	-	.2
385	OPHTHALMIC GOODS . . . . .	8.4	.3	8.0	-	-	-	.5
386	PHOTOGRAPHIC EQUIP. AND SUPPLIES . . .	11.8	.8	10.4	-	(Z)	.5	11.1
387	WATCHES, CLOCKS, AND WATCHCASES. . .	.2	.2	.1	-	-	-	.2
39	MISC. MANUFACTURING INDUSTRIES . . .	4.8	.7	3.8	.3	(Z)	(Z)	.7
391	JEWELRY, SILVERWARE, PLATED WARE . . .	3.4	.1	3.3	-	-	-	.1
394	TOYS AND SPORTING GOODS. . . . .	.4	(Z)	.1	.3	-	-	.1
395	PENS, PENCILS, OFFICE, ART GOODS . . .	.1	-	(Z)	-	(Z)	-	(Z)
396	COSTUME JEWELRY AND NOTIONS. . . . .	.5	.4	.1	-	(Z)	(Z)	.3
399	MISCELLANEOUS MANUFACTURES . . . . .	.5	.3	.2	-	(Z)	-	.1

Standard notes: - Represents zero. (D) Withheld to avoid disclosing figures of individual companies.  
(Z) Less than 50 million gallons.





## Chapter 8

# Selected Metalworking Operations

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## SELECTED METALWORKING OPERATIONS

The 1967 Census of Manufactures included a special inquiry on "Selected metalworking and related operations" to provide a measurement of employment in certain metalworking and related facilities in manufacturing. The following operations were included in this inquiry: Foundry (iron and steel); foundry (nonferrous, except die casting); die casting (nonferrous metal only); forging--presses, hammers, or upsetters (excluding manufacture of nuts, bolts, etc.); electroplating and other plating; galvanizing and other hot-dip coating; heat treating of metals for production purposes; automatic screw machine department; machine shop; tool and die shop (if separate from machine shop) for jigs, fixtures, dies, and other special tooling; pattern shop (foundry patterns only - metal, wood, etc.); plate or structural fabrication; stamping, blanking, and forming of metals; painting, lacquering, and enameling on metals; plastics molding; assembly of product; and shipping department (including packing and crating).

Data on the number of establishments and the number of production workers engaged in specific metalworking operations are shown in table 1A for each of approximately 130 industries included in this special inquiry. The size distribution data in table 1A is based on the number of production workers usually employed in the operation. The number of production workers engaged in these operations is shown for 15 selected operations by industry in table 1B and for 13 selected operations by geographic division and State in table 2.

Information on selected metalworking operations was obtained for practically all industries where such operations are important. For individual industries or groups of industries, the inquiry on metalworking and related operations was tailored to fit the principal operations that were characteristic of those industries.

Since establishments with less than 10 employees were typically excused from filing reports, these establishments are not included in the metalworking operations data. (See the introduction for further explanation.) Also a few larger establishments that filed standard forms did not report their metalworking operations. This has resulted in an understatement of the number of establishments performing specific operations, primarily in the smallest size class, and to a much smaller degree in an understatement of the number of production workers in the operation.

An approximation of the coverage for each industry is given in table 1C. The coverage is generally highest in industries in which larger establishments have predominance. Similar percentages are not available for geographic divisions and States, although coverage ranges for significant metalworking States would range between 85 and 95 percent.

For the forging industries (SIC 3391 and 3392), table 1A contains separate data for hot forging - presses, hammers, or upsetters (excluding manufacture of nuts, bolts, etc.), and cold forging. These data are included with operation entitled "forging: presses, hammers, or upsetters," in tables 1B and 2.

Since the report form used by respondents in industry 3471, Plating and Polishing, did not include the metalworking inquiry, the total number of production workers for establishments classified in industry 3471 are shown separately in table 2. Plating and polishing operations performed by establishments classified in industry 3471 are excluded from tables 1A, 1B, and 1C.



TABLE 1A. Selected Metalworking Operations, by Industry and Operation: 1967

Code	Industry and operation	Number of establishments				Employment in the specified operation			
		Total	Number of production workers <sup>1</sup>			Total	Number of production workers <sup>1</sup>		
			1 to 4	5 to 19	20 or more		1 to 4	5 to 19	20 or more
1925	Complete guided missiles:								
	Nonferrous foundry (except die casting).....	3	2	1	-	(D)	(D)	(D)	-
	Forging--presses, hammers, or upsetters.....	2	1	-	1	(D)	(D)	-	(D)
	Electroplating and other plating.....	12	-	6	6	417	-	62	355
	Galvanizing and other hot-dip coating.....	3	-	1	2	103	-	(D)	(D)
	Heat treating of metals.....	12	5	4	3	173	11	25	137
	Automatic screw machine department.....	5	1	2	2	117	(D)	(D)	(D)
	Machine shop.....	26	2	4	20	4,970	(D)	(D)	4,919
	Tool and die shop.....	18	-	4	14	2,218	-	36	2,182
	Foundry pattern shop.....	3	2	-	1	(D)	(D)	-	(D)
	Plate or structural fabrication.....	10	-	3	7	1,164	-	30	1,134
	Stamping, blanking, and forming of metals.....	15	4	2	9	1,481	(D)	(D)	1,448
	Painting, lacquering, and enameling on metals.....	20	7	6	7	372	19	60	293
	Plastics molding.....	9	2	-	7	728	(D)	-	(D)
	Assembly of product.....	25	1	2	22	13,603	(D)	(D)	13,578
	Shipping department, including packing and crating....	27	8	6	13	1,074	15	73	986
1929	Ammunition, except for small arms, n.e.c.:								
	Nonferrous foundry (except die casting).....	1	-	1	-	(D)	-	(D)	-
	Forging--presses, hammers, or upsetters.....	12	-	1	11	938	-	(D)	(D)
	Electroplating and other plating.....	11	7	3	1	78	18	(D)	(D)
	Galvanizing and other hot-dip coating.....	6	1	5	-	53	(D)	(D)	-
	Heat treating of metals.....	21	5	10	6	487	7	94	386
	Automatic screw machine department.....	21	3	4	14	984	5	47	932
	Machine shop.....	56	8	5	43	5,644	17	36	5,591
	Tool and die shop.....	25	4	12	9	581	12	135	434
	Foundry pattern shop.....	2	1	1	-	(D)	(D)	(D)	-
	Plate or structural fabrication.....	9	-	3	6	530	-	29	501
	Stamping, blanking, and forming of metals.....	28	4	8	16	1,018	8	61	949
	Painting, lacquering, and enameling on metals.....	36	12	10	14	805	17	106	682
1931	Tanks and tank components:								
	Electroplating and other plating.....	4	1	3	-	(D)	(D)	(D)	-
	Galvanizing and other hot-dip coating.....	2	-	2	-	(D)	-	(D)	-
	Heat treating of metals.....	4	-	3	1	(D)	-	28	(D)
	Automatic screw machine department.....	2	-	1	1	(D)	-	(D)	(D)
	Machine shop.....	17	1	4	12	2,282	(D)	(D)	2,228
	Tool and die shop.....	8	-	3	5	(D)	-	(D)	177
	Plate or structural fabrication.....	9	1	2	6	845	(D)	(D)	812
	Stamping, blanking, and forming of metals.....	7	3	2	2	(D)	6	(D)	(D)
	Painting, lacquering, and enameling on metals.....	10	4	1	5	201	(D)	(D)	185
1951	Small arms:								
	Nonferrous die casting.....	2	2	-	-	(D)	(D)	-	-
	Forging--presses, hammers, or upsetters.....	5	5	-	-	(D)	(D)	-	-
	Electroplating and other plating.....	7	4	2	1	86	12	(D)	(D)
	Galvanizing and other hot-dip coating.....	4	3	-	1	(D)	(D)	-	(D)
	Heat treating of metals.....	16	10	2	4	167	23	(D)	(D)
	Automatic screw machine department.....	12	5	3	4	167	11	21	135
	Machine shop.....	26	5	9	12	1,398	10	81	1,307
	Tool and die shop.....	21	6	11	4	258	7	110	141
	Plate or structural fabrication.....	7	4	-	3	(D)	6	-	(D)
	Stamping, blanking, and forming of metals.....	15	10	3	2	119	18	(D)	(D)
	Painting, lacquering, and enameling on metals.....	10	5	5	-	53	8	45	-
1961	Small arms ammunition:								
	Nonferrous foundry (except die casting).....	1	1	-	-	(D)	(D)	-	-
	Forging--presses, hammers, or upsetters.....	2	1	1	-	(D)	(D)	(D)	-
	Electroplating and other plating.....	4	1	2	1	53	(D)	(D)	(D)
	Heat treating of metals.....	8	3	3	2	176	8	(D)	(D)
	Automatic screw machine department.....	6	1	3	2	205	(D)	(D)	(D)
	Machine shop.....	12	2	4	6	(D)	(D)	(D)	942
	Tool and die shop.....	8	1	3	4	852	(D)	(D)	832
	Foundry pattern shop.....	1	1	-	-	(D)	(D)	-	-
	Plate or structural fabrication.....	1	-	1	-	(D)	-	(D)	-
	Stamping, blanking, and forming of metals.....	12	3	4	5	1,688	8	41	1,639
	Painting, lacquering, and enameling on metals.....	2	-	1	1	(D)	-	(D)	(D)
1911	Guns, howitzers, and mortars and								
1999	Ordnance and accessories, n.e.c.:								
	Ferrous foundry.....	1	-	-	1	(D)	-	-	(D)
	Nonferrous die casting.....	1	1	-	-	(D)	(D)	-	-
	Forging--presses, hammers, or upsetters.....	1	-	-	1	37	-	-	37
	Electroplating and other plating.....	9	5	3	1	82	10	(D)	(D)
	Galvanizing and other hot-dip coating.....	4	3	-	1	27	(D)	-	(D)
	Heat treating of metals.....	14	9	4	1	100	15	(D)	(D)
	Automatic screw machine department.....	10	3	4	3	156	7	(D)	101
	Machine shop.....	38	10	8	20	1,732	15	101	1,616
	Tool and die shop.....	20	8	9	3	264	17	85	162
	Foundry pattern shop.....	3	3	-	-	6	6	-	-
	Plate or structural fabrication.....	2	1	-	1	(D)	(D)	-	(D)
	Stamping, blanking, and forming of metals.....	14	6	5	3	299	8	46	245
	Painting, lacquering, and enameling on metals.....	20	16	3	1	80	30	(D)	(D)

See footnotes at end of table.

TABLE 1A. Selected Metalworking Operations, by Industry and Operation: 1967—Continued

Code	Industry and operation	Number of establishments				Employment in the specified operation			
		Total	Number of production workers <sup>1</sup>			Total	Number of production workers <sup>1</sup>		
			1 to 4	5 to 19	20 or more		1 to 4	5 to 19	20 or more
3321	Gray iron foundries:								
	Ferrous foundry <sup>2</sup> .....	639	23	83	533	87,096	38	1,074	85,984
	Nonferrous foundry (except die casting).....	70	36	21	13	1,177	59	188	930
	Nonferrous die casting.....	4	2	1	1	(D)	(D)	(D)	(D)
	Machine shop.....	172	55	53	64	4,764	108	484	4,172
	Foundry pattern shop.....	238	171	50	17	2,089	324	503	1,262
3322	Malleable iron foundries:								
	Ferrous foundry <sup>2</sup> .....	64	2	4	58	15,624	(D)	(D)	15,560
	Nonferrous foundry (except die casting).....	7	1	1	5	232	(D)	(D)	(D)
	Nonferrous die casting.....	-	-	-	-	-	-	-	-
	Machine shop.....	15	2	6	7	696	(D)	(D)	615
	Foundry pattern shop.....	41	19	19	3	365	43	178	144
3323	Steel foundries:								
	Ferrous foundry <sup>2</sup> .....	178	10	15	153	35,496	12	134	35,350
	Nonferrous foundry (except die casting).....	32	11	9	12	1,271	18	86	1,167
	Nonferrous die casting.....	3	2	1	-	(D)	(D)	(D)	-
	Machine shop.....	81	20	26	35	3,499	39	287	3,173
	Foundry pattern shop.....	101	41	40	20	1,093	91	350	652
3361	Aluminum castings:								
	Ferrous foundry.....	12	4	3	5	421	7	31	383
	Nonferrous foundry (except die casting) <sup>2</sup> .....	302	34	125	143	10,268	42	1,420	8,806
	Nonferrous die casting <sup>2</sup> .....	138	15	35	88	12,173	21	397	11,755
	Machine shop.....	123	42	45	36	2,855	84	470	2,301
	Foundry pattern shop.....	104	69	26	9	804	129	200	475
3362	Brass, bronze, copper castings:								
	Ferrous foundry.....	16	4	3	9	524	10	43	471
	Nonferrous foundry (except die casting) <sup>2</sup> .....	251	29	116	106	6,619	35	1,385	5,199
	Nonferrous die casting <sup>2</sup> .....	18	5	7	6	522	6	49	467
	Machine shop.....	87	32	29	26	2,073	70	275	1,728
	Foundry pattern shop.....	58	51	5	2	194	87	(D)	(D)
3369	Nonferrous castings, n.e.c.:								
	Ferrous foundry.....	4	2	1	1	68	(D)	(D)	(D)
	Nonferrous foundry (except die casting) <sup>2</sup> .....	39	9	12	18	1,927	13	124	1,790
	Nonferrous die casting <sup>2</sup> .....	117	12	38	67	7,466	21	421	7,024
	Machine shop.....	57	30	16	11	912	58	148	706
	Foundry pattern shop.....	22	10	8	4	164	17	53	94
3391	Iron and steel forgings:								
	Machine shop.....	109	31	37	41	2,978	70	418	2,490
	Tool and die shop.....	92	19	38	35	2,688	35	414	2,239
	Hot forging--presses, hammers, or upsetters <sup>2</sup> .....	143	14	31	101	11,677	37	383	11,257
	Cold forging <sup>2</sup> .....	15	4	6	5	866	7	64	795
3392	Nonferrous forgings:								
	Machine shop.....	10	3	3	4	1,178	7	21	1,150
	Tool and die shop.....	14	2	6	6	535	(D)	(D)	467
	Hot forging--presses, hammers, or upsetters <sup>2</sup> .....	27	3	3	21	3,412	6	34	3,372
	Cold forging <sup>2</sup> .....	3	1	2	-	11	(D)	(D)	-
3411	Metal cans:								
	Machine shop.....	161	42	58	61	3,541	101	673	2,767
	Tool and die shop.....	14	7	5	2	165	17	(D)	(D)
	Plate or structural fabrication.....	12	2	3	7	803	(D)	(D)	775
	Stamping, blanking, and forming of metals.....	154	9	35	110	14,182	22	373	13,787
	Painting, lacquering, and enameling on metals.....	102	14	35	53	3,479	36	337	3,106
3421	Cutlery:								
	Ferrous foundry.....	1	-	-	1	(D)	-	-	(D)
	Nonferrous foundry (except die casting).....	2	2	-	-	(D)	(D)	-	-
	Forging--presses, hammers, or upsetters.....	17	10	6	1	92	24	(D)	(D)
	Electroplating and other plating.....	15	9	4	2	112	28	(D)	(D)
	Heat treating of metals.....	34	28	5	1	147	59	(D)	(D)
	Automatic screw machine department.....	6	5	-	1	30	(D)	-	(D)
	Machine shop.....	33	13	18	2	310	33	(D)	(D)
	Tool and die shop.....	16	7	6	3	142	13	45	84
	Stamping, blanking, and forming of metals.....	42	19	17	6	345	40	132	173
	Painting, lacquering, and enameling on metals.....	16	14	2	-	43	(D)	(D)	-
3423	Hand, and edge tools, n.e.c.:								
	Ferrous foundry.....	2	-	-	2	(D)	-	-	(D)
	Nonferrous foundry (except die casting).....	5	3	2	-	26	(D)	(D)	-
	Forging--presses, hammers, or upsetters.....	82	22	34	26	1,547	42	326	1,179
	Electroplating and other plating.....	57	32	21	4	357	55	188	114
	Heat treating of metals.....	142	110	26	6	641	193	251	197
	Automatic screw machine department.....	64	36	20	8	517	57	186	274
	Machine shop.....	192	72	67	53	3,957	144	667	3,146
	Tool and die shop.....	112	60	32	20	1,325	92	313	920
	Stamping, blanking, and forming of metals.....	139	71	41	27	2,848	138	368	2,342
	Painting, lacquering, and enameling on metals.....	115	91	22	2	408	154	(D)	(D)

See footnotes at end of table.



TABLE 1A. Selected Metalworking Operations, by Industry and Operation: 1967—Continued

Code	Industry and operation	Number of establishments				Employment in the specified operation			
		Total	Number of production workers <sup>1</sup>			Total	Number of production workers <sup>1</sup>		
			1 to 4	5 to 19	20 or more		1 to 4	5 to 19	20 or more
3425	Handsaws and saw blades:								
	Forging--presses, hammers, or upsetters.....	5	3	2	-	35	(D)	(D)	-
	Electroplating and other plating.....	8	6	2	-	31	(D)	(D)	-
	Heat treating of metals.....	29	14	12	3	271	33	120	118
	Automatic screw machine department.....	2	2	-	-	(D)	(D)	-	-
	Machine shop.....	33	13	12	8	580	26	111	443
	Tool and die shop.....	19	12	7	-	84	25	59	-
	Stamping, blanking, and forming of metals.....	31	12	11	8	552	22	95	435
	Painting, lacquering and enameling on metals.....	20	15	4	1	83	26	(D)	(D)
3429	Hardware, n.e.c.:								
	Ferrous foundry.....	13	4	3	6	261	5	37	219
	Nonferrous foundry (except die casting).....	50	18	22	10	722	42	252	428
	Nonferrous die casting.....	56	14	18	24	2,185	34	166	1,985
	Forging--presses, hammers, or upsetters.....	27	12	6	9	355	25	64	266
	Electroplating and other plating.....	137	45	56	36	3,120	109	510	2,501
	Galvanizing and other hot dip coating.....	10	5	4	1	156	13	(D)	(D)
	Heat treating of metals.....	49	39	6	4	287	77	54	156
	Automatic screw machine department.....	84	52	28	4	492	112	261	119
	Machine shop.....	261	73	112	76	6,784	134	1,056	5,594
	Tool and die shop.....	232	127	76	29	3,960	287	723	2,950
	Foundry pattern shop.....	34	29	3	2	112	47	(D)	(D)
	Plate or structural fabrication.....	29	17	9	3	347	31	116	200
	Stamping, blanking, and forming of metals.....	329	110	123	96	18,811	236	1,248	17,327
	Painting, lacquering, and enameling on metals.....	238	168	50	20	2,058	274	439	1,345
3431	Metal sanitary ware:								
	Ferrous foundry.....	9	-	-	9	1,255	-	-	1,255
	Nonferrous foundry (except die casting).....	2	-	1	1	(D)	-	(D)	(D)
	Electroplating and other plating.....	4	1	1	2	(D)	(D)	(D)	(D)
	Heat treating of metals.....	1	1	-	-	(D)	(D)	-	-
	Automatic screw machine department.....	2	1	-	1	(D)	(D)	-	(D)
	Machine shop.....	15	5	6	4	322	15	67	240
	Tool and die shop.....	8	7	1	-	30	(D)	(D)	-
	Foundry pattern shop.....	8	1	5	2	120	(D)	77	(D)
	Plate or structural fabrication.....	2	-	2	-	(D)	-	(D)	-
	Stamping, blanking, and forming of metals.....	23	7	8	8	766	19	95	652
	Painting, lacquering, and enameling on metals.....	20	6	3	11	1,329	10	23	1,296
3432	Plumbing fittings and brass goods:								
	Ferrous foundry.....	3	-	1	2	211	-	(D)	(D)
	Nonferrous foundry (except die casting).....	25	4	5	16	1,016	13	66	937
	Forging--presses, hammers, or upsetters.....	5	1	3	1	53	(D)	(D)	(D)
	Electroplating and other plating.....	39	12	13	14	681	30	143	508
	Heat treating of metals.....	8	8	-	-	13	13	-	-
	Automatic screw machine department.....	20	4	11	5	320	4	92	224
	Machine shop.....	55	11	21	23	1,427	22	205	1,200
	Tool and die shop.....	38	22	13	3	236	50	(D)	(D)
	Foundry pattern shop.....	14	9	5	-	61	14	47	-
	Plate or structural fabrication.....	6	3	2	1	89	5	(D)	(D)
	Stamping, blanking, and forming of metals.....	31	13	13	5	410	22	112	276
	Painting, lacquering, and enameling on metals.....	12	9	3	-	37	14	23	-
3433	Heating equipment, except electric:								
	Ferrous foundry.....	22	-	4	18	2,624	-	34	2,590
	Nonferrous foundry (except die casting).....	4	2	2	-	16	(D)	(D)	-
	Electroplating and other plating.....	7	3	3	1	52	5	(D)	(D)
	Galvanizing and other hot-dip coating.....	1	1	-	-	(D)	(D)	-	-
	Heat treating of metals.....	10	6	4	-	47	8	39	-
	Automatic screw machine department.....	17	10	6	1	97	21	(D)	(D)
	Machine shop.....	133	56	55	22	1,790	109	540	1,141
	Tool and die shop.....	50	32	17	1	283	60	(D)	(D)
	Foundry pattern shop.....	15	10	4	1	75	17	(D)	(D)
	Plate or structural fabrication.....	71	26	27	18	1,292	52	240	1,000
	Stamping, blanking, and forming of metals.....	145	42	41	62	3,691	84	438	3,169
	Painting, lacquering, and enameling on metals.....	169	113	39	17	1,046	190	331	525
	Assembly of product.....	215	51	75	89	7,765	103	703	6,959
	Shipping department, including packing and crating.....	203	124	63	16	1,359	222	569	568
3441	Fabricated structural steel:								
	Ferrous foundry.....	14	6	4	4	300	8	45	247
	Nonferrous foundry (except die casting).....	7	3	3	1	185	7	(D)	(D)
	Forging--presses, hammers, or upsetters.....	19	16	3	-	52	29	23	-
	Electroplating and other plating.....	3	1	1	1	29	(D)	(D)	(D)
	Galvanizing and other hot-dip coating.....	15	2	3	10	428	(D)	(D)	396
	Heat treating of metals.....	15	12	3	-	28	12	16	-
	Automatic screw machine department.....	2	1	1	-	(D)	(D)	(D)	-
	Machine shop.....	211	138	48	25	1,551	262	408	881
	Tool and die shop.....	36	30	5	1	119	61	(D)	(D)
	Foundry pattern shop.....	22	15	6	1	96	30	(D)	(D)
	Plate or structural fabrication <sup>2</sup> .....	829	142	283	404	40,974	227	3,045	37,702
	Stamping, blanking, and forming of metals.....	207	104	61	42	3,100	184	570	2,346
	Painting, lacquering, and enameling on metals.....	511	412	80	19	1,930	644	682	604

See footnotes at end of table.



TABLE 1A. Selected Metalworking Operations, by Industry and Operation: 1967—Continued

Code	Industry and operation	Number of establishments				Employment in the specified operation			
		Total	Number of production workers <sup>1</sup>			Total	Number of production workers <sup>1</sup>		
			1 to 4	5 to 19	20 or more		1 to 4	5 to 19	20 or more
3442	Metal doors, sash, and trim:								
	Ferrous foundry.....	5	4	-	1	45	(D)	-	(D)
	Nonferrous foundry (except die casting).....	1	1	-	-	(D)	(D)	-	-
	Nonferrous die casting.....	7	6	1	-	23	(D)	(D)	-
	Forging--presses, hammers, or upsetters.....	8	6	1	1	(D)	8	(D)	(D)
	Electroplating and other plating.....	20	5	7	8	511	14	58	439
	Galvanizing and other hot-dip coating.....	1	1	-	-	(D)	(D)	-	-
	Heat treating of metals.....	17	10	7	-	76	18	58	-
	Automatic screw machine department.....	13	12	1	-	21	(D)	(D)	-
	Machine shop.....	110	68	29	13	791	130	265	396
	Tool and die shop.....	63	48	14	1	249	86	(D)	(D)
	Foundry pattern shop.....	2	1	1	-	(D)	(D)	(D)	-
	Plate or structural fabrication.....	43	14	11	18	911	24	112	775
	Stamping, blanking, and forming of metals.....	184	72	64	48	3,670	118	618	2,934
	Painting, lacquering, and enameling on metals.....	153	112	34	7	696	193	295	208
3443	Fabricated platework (boiler shops):								
	Ferrous foundry.....	6	-	1	5	656	-	(D)	(D)
	Nonferrous foundry (except die casting).....	4	2	2	-	25	(D)	(D)	-
	Forging--presses, hammers, or upsetters.....	23	14	6	3	384	27	(D)	(D)
	Electroplating and other plating.....	7	7	-	-	9	9	-	-
	Galvanizing and other hot-dip coating.....	10	6	2	2	106	17	(D)	(D)
	Heat treating of metals.....	79	66	10	3	323	140	79	104
	Automatic screw machine department.....	9	9	-	-	18	18	-	-
	Machine shop.....	269	131	91	47	4,526	261	880	3,385
	Tool and die shop.....	36	30	5	1	250	62	(D)	(D)
	Foundry pattern shop.....	18	11	7	-	73	20	53	-
	Plate or structural fabrication <sup>2</sup> .....	547	77	175	295	28,586	139	1,926	26,521
	Stamping, blanking, and forming of metals.....	245	113	91	41	5,252	267	852	4,133
	Painting, lacquering, and enameling on metals.....	357	303	42	12	1,281	521	344	416
3444	Sheet metalwork:								
	Ferrous foundry.....	3	2	-	1	(D)	(D)	-	(D)
	Nonferrous foundry (except die casting).....	3	2	1	-	(D)	(D)	(D)	-
	Nonferrous die casting.....	5	5	-	-	11	11	-	-
	Forging--presses, hammers, or upsetters.....	12	5	6	1	101	12	(D)	(D)
	Electroplating and other plating.....	12	9	3	-	30	13	17	-
	Galvanizing and other hot-dip coating.....	27	21	6	-	85	43	42	-
	Heat treating of metals.....	15	12	2	1	66	(D)	(D)	(D)
	Automatic screw machine department.....	8	5	3	-	30	7	23	-
	Machine shop.....	180	108	55	17	1,414	197	485	732
	Tool and die shop.....	104	83	19	2	354	132	(D)	(D)
	Foundry pattern shop.....	13	12	1	-	23	(D)	(D)	-
	Plate or structural fabrication.....	192	73	83	36	3,285	150	764	2,371
	Stamping, blanking, and forming of metals.....	546	149	252	145	9,328	317	2,543	6,468
	Painting, lacquering, and enameling on metals.....	291	230	50	11	1,127	389	436	302
3446	Architectural metalwork:								
	Nonferrous foundry (except die casting).....	2	1	1	-	(D)	(D)	(D)	-
	Forging--presses, hammers, or upsetters.....	9	5	3	1	66	6	(D)	(D)
	Electroplating and other plating.....	3	3	-	-	5	5	-	-
	Galvanizing and other hot-dip coating.....	2	1	1	-	(D)	(D)	(D)	-
	Heat treating of metals.....	13	10	3	-	29	11	18	-
	Automatic screw machine department.....	8	7	1	-	18	(D)	(D)	-
	Machine shop.....	43	30	8	5	296	49	72	175
	Tool and die shop.....	26	18	7	1	108	22	(D)	(D)
	Foundry pattern shop.....	4	4	-	-	8	8	-	-
	Plate or structural fabrication.....	123	45	49	29	2,676	93	516	2,067
	Stamping, blanking, and forming of metals.....	89	41	34	14	1,493	71	324	1,098
	Painting, lacquering, and enameling on metals.....	169	139	26	4	550	207	199	144
3449	Miscellaneous metalwork:								
	Forging--presses, hammers, or upsetters.....	2	2	-	-	(D)	(D)	-	-
	Electroplating and other plating.....	3	2	-	1	(D)	(D)	-	(D)
	Galvanizing and other hot-dip coating.....	2	2	-	-	(D)	(D)	-	-
	Heat treating of metals.....	8	7	1	-	17	(D)	(D)	-
	Automatic screw machine department.....	2	2	-	-	(D)	(D)	-	-
	Machine shop.....	39	20	12	7	480	34	127	319
	Tool and die shop.....	13	9	4	-	53	20	33	-
	Foundry pattern shop.....	2	2	-	-	(D)	(D)	-	-
	Plate or structural fabrication.....	86	18	29	39	3,065	21	277	2,767
	Stamping, blanking, and forming of metals.....	81	24	23	34	2,290	57	207	2,026
	Painting, lacquering, and enameling on metals.....	82	51	23	8	573	103	176	294
3451	Screw machine products:								
	Ferrous foundry.....	1	-	1	-	(D)	-	(D)	-
	Nonferrous foundry (except die casting).....	1	-	1	-	(D)	-	(D)	-
	Nonferrous die casting.....	4	4	-	-	9	9	-	-
	Forging--presses, hammers, or upsetters.....	7	4	1	2	80	10	(D)	(D)
	Electroplating and other plating.....	20	16	4	-	74	33	41	-
	Galvanizing and other hot-dip coating.....	4	4	-	-	6	6	-	-
	Heat treating of metals.....	43	29	13	1	192	51	(D)	(D)
	Automatic screw machine department <sup>2</sup> .....	881	184	434	263	16,483	354	4,579	11,550

See footnotes at end of table.

TABLE 1A. Selected Metalworking Operations, by Industry and Operation: 1967—Continued

Code	Industry and operation	Number of establishments				Employment in the specified operation			
		Total	Number of production workers <sup>1</sup>			Total	Number of production workers <sup>1</sup>		
			1 to 4	5 to 19	20 or more		1 to 4	5 to 19	20 or more
3451	Screw machine products--Continued								
	Machine shop.....	455	130	193	132	8,361	247	1,998	6,116
	Tool and die shop.....	144	109	35	-	526	192	334	-
	Foundry pattern shop.....	3	3	-	-	8	8	-	-
	Plate or structural fabrication.....	5	3	2	-	28	(D)	(D)	-
	Stamping, blanking, and forming of metals.....	76	53	18	5	367	77	159	131
	Painting, lacquering, and enameling on metals.....	20	19	1	-	36	(D)	(D)	-
3452	Bolts, nuts, rivets, and washers:								
	Nonferrous foundry (except die casting).....	3	2	1	-	(D)	(D)	(D)	-
	Nonferrous die casting.....	10	6	2	2	110	8	(D)	(D)
	Forging--presses, hammers, or upsetters.....	17	7	5	5	349	20	52	277
	Electroplating and other plating.....	84	44	28	12	856	83	266	507
	Galvanizing and other hot-dip coating.....	16	7	9	-	82	12	70	-
	Heat treating of metals.....	128	72	41	15	1,031	151	391	489
	Automatic screw machine department.....	147	37	73	37	3,429	82	702	2,645
	Machine shop.....	212	65	94	53	5,208	137	952	4,119
	Tool and die shop.....	144	52	51	41	2,557	102	509	1,946
	Foundry pattern shop.....	2	2	-	-	(D)	(D)	-	-
	Plate or structural fabrication.....	9	4	3	2	121	10	(D)	(D)
	Stamping, blanking, and forming of metals.....	149	45	56	48	5,036	85	547	4,404
	Painting, lacquering, and enameling on metals.....	26	22	2	2	95	33	(D)	(D)
	All other operations such as maintenance, warehousing, etc.....								
3461	Metal stampings:								
	Nonferrous die casting.....	24	15	7	2	172	22	(D)	(D)
	Forging--presses, hammers, or upsetters.....	18	9	3	6	370	11	32	327
	Electroplating and other plating.....	119	61	37	21	1,230	109	322	799
	Galvanizing and other hot-dip coating.....	24	10	8	6	282	18	59	205
	Heat treating of metals.....	105	80	19	6	476	120	154	202
	Automatic screw machine department.....	44	29	13	2	224	50	(D)	(D)
	Machine shop.....	483	239	172	72	6,614	459	1,585	4,570
	Tool and die shop.....	784	381	298	105	16,800	804	2,663	13,333
	Foundry pattern shop.....	28	18	3	7	389	31	31	327
	Plate or structural fabrication.....	71	36	26	9	573	66	229	278
	Stamping, blanking, and forming of metals.....	1,414	215	567	632	72,755	385	6,037	66,333
	Painting, lacquering, and enameling on metals.....	385	206	101	78	5,986	396	910	4,680
	All other operations such as maintenance, warehousing, etc.....								
3481	Miscellaneous fabricated wire products:								
	Galvanizing and other hot-dip coating.....	31	21	7	3	173	42	51	80
	Heat treating of metals.....	136	112	19	5	494	165	163	166
	Automatic screw machine department.....	12	8	3	1	71	10	(D)	(D)
	Machine Shop.....	174	103	59	12	1,001	172	522	307
	Tool and die shop.....	163	117	42	4	653	222	336	95
	Plate or structural fabrication.....	29	15	9	5	637	20	80	537
	Stamping, blanking, and forming of metals.....	274	134	75	65	5,102	240	680	4,182
	Painting, lacquering, and enameling on metals.....	236	208	24	4	732	328	220	184
	All other operations such as maintenance, warehousing, etc.....								
3491	Metal barrels, drums, and pails:								
	Galvanizing and other hot-dip coating.....	1	-	1	-	(D)	-	(D)	-
	Machine shop.....	50	23	21	6	430	48	225	157
	Tool and die shop.....	7	5	1	1	51	(D)	(D)	(D)
	Plate or structural fabrication.....	11	2	6	3	607	(D)	(D)	(D)
	Stamping, blanking, and forming of metals.....	89	22	32	35	2,260	61	309	1,890
	Painting, lacquering, and enameling on metals.....	91	47	31	13	905	104	289	512
	All other operations such as maintenance, warehousing, etc.....								
3492	Safes and vaults:								
	Electroplating and other plating.....	2	-	2	-	(D)	-	(D)	-
	Heat treating of metals.....	2	2	-	-	(D)	(D)	-	-
	Machine shop.....	13	7	3	3	261	20	41	201
	Tool and die shop.....	4	1	2	1	63	(D)	(D)	(D)
	Plate or structural fabrication.....	9	3	2	4	172	(D)	(D)	150
	Stamping, blanking, and forming of metals.....	12	4	4	4	296	5	27	264
	Painting, lacquering, and enameling on metals.....	15	12	1	2	110	(D)	(D)	(D)
	All other operations such as maintenance, warehousing, etc.....								
3493	Steel springs:								
	Ferrous foundry.....	1	-	-	1	(D)	-	-	(D)
	Forging--presses, hammers, or upsetters.....	21	11	6	4	310	22	68	220
	Electroplating and other plating.....	2	2	-	-	(D)	(D)	-	-
	Heat treating of metals.....	46	26	10	10	550	46	107	397
	Machine shop.....	29	14	11	4	399	22	96	281
	Tool and die shop.....	20	12	7	1	86	12	(D)	(D)
	Plate or structural fabrication.....	3	2	1	-	(D)	(D)	(D)	-
	Stamping, blanking, and forming of metals.....	41	18	10	13	888	32	90	766
	Painting, lacquering, and enameling on metals.....	37	29	8	-	112	49	63	-
	All other operations such as maintenance, warehousing, etc.....								
3494	Valves and pipe fittings:								
	Ferrous foundry.....	34	2	4	28	4,937	(D)	(D)	4,677
	Nonferrous foundry (except die casting).....	64	9	17	38	2,971	18	187	2,766
	Forging--presses, hammers, or upsetters.....	31	12	10	9	811	24	110	677
	Electroplating and other plating.....	34	24	9	1	163	47	(D)	(D)
	Galvanizing and other hot-dip coating.....	17	7	6	4	176	14	59	103

See footnotes at end of table.



TABLE 1A. Selected Metalworking Operations, by Industry and Operation: 1967—Continued

Code	Industry and operation	Number of establishments				Employment in the specified operation			
		Total	Number of production workers <sup>1</sup>			Total	Number of production workers <sup>1</sup>		
			1 to 4	5 to 19	20 or more		1 to 4	5 to 19	20 or more
3494	Valves and pipe fittings—continued:								
	Heat treating of metals.....	61	51	9	1	237	95	(D)	(D)
	Automatic screw machine department.....	109	50	35	24	2,153	97	358	1,698
	Machine shop.....	352	55	91	206	20,347	113	1,033	19,201
	Tool and die shop.....	155	64	65	26	1,792	147	649	996
	Foundry pattern shop.....	66	34	29	3	427	63	291	73
	Plate or structural fabrication.....	33	12	12	9	933	28	107	798
	Stamping, blanking, and forming of metals.....	70	41	19	10	782	89	158	535
	Painting, lacquering, and enameling on metals.....	133	116	14	3	402	222	98	82
3496	Collapsible tubes:								
	Machine shop.....	12	2	5	5	241	(D)	(D)	188
	Stamping, blanking, and forming of metals.....	12	4	1	7	484	(D)	(D)	466
	Painting, lacquering, and enameling on metals.....	13	-	3	10	915	-	44	871
3497	Metal, foil and leaf:								
	Machine shop.....	11	5	3	3	279	6	(D)	(D)
	Stamping, blanking, and forming of metals.....	8	2	3	3	333	(D)	(D)	307
	Painting, lacquering, and enameling on metals.....	1	-	1	-	(D)	-	(D)	-
3498	Fabricated pipe and fittings:								
	Ferrous foundry.....	3	-	2	1	39	-	(D)	(D)
	Nonferrous foundry (except die casting).....	7	4	3	-	27	5	22	-
	Nonferrous die casting.....	2	1	-	1	(D)	(D)	-	(D)
	Forging—presses, hammers, or upsetters.....	8	4	2	2	72	(D)	(D)	(D)
	Electroplating and other plating.....	11	8	2	1	93	(D)	(D)	(D)
	Galvanizing and other hot-dip coating.....	8	3	5	-	38	7	31	-
	Heat treating of metals.....	28	22	5	1	101	38	(D)	(D)
	Automatic screw machine department.....	20	7	11	2	182	12	(D)	(D)
	Machine shop.....	83	43	30	10	745	73	268	404
	Tool and die shop.....	33	24	9	-	121	34	87	-
	Foundry pattern shop.....	8	8	-	-	(D)	(D)	-	-
	Plate or structural fabrication.....	28	11	9	8	752	12	72	668
	Stamping, blanking, and forming of metals.....	50	24	15	11	620	38	114	468
	Painting, lacquering, and enameling on metals.....	44	40	4	-	103	71	32	-
3499	Fabricated metal products, n.e.c.:								
	Ferrous foundry.....	8	2	2	4	218	(D)	(D)	186
	Nonferrous foundry (except die casting).....	20	8	8	4	237	11	56	170
	Nonferrous die casting.....	13	9	4	-	59	18	41	-
	Forging—presses, hammers, or upsetters.....	16	12	4	-	65	27	38	-
	Electroplating and other plating.....	42	25	16	1	194	40	(D)	(D)
	Galvanizing and other hot-dip coating.....	8	6	2	-	32	(D)	(D)	-
	Heat treating of metals.....	42	29	8	5	277	47	81	149
	Automatic screw machine department.....	23	15	6	2	135	27	(D)	(D)
	Machine shop.....	184	85	73	26	2,139	154	656	1,329
	Tool and die shop.....	105	79	24	2	400	137	(D)	(D)
	Foundry pattern shop.....	20	18	2	-	52	(D)	(D)	-
	Plate or structural fabrication.....	102	30	47	27	1,953	67	492	1,394
	Stamping, blanking, and forming of metals.....	317	117	131	69	4,244	226	1,220	2,798
	Painting, lacquering, and enameling on metals.....	219	171	39	9	964	281	305	378
3511	Steam engines and turbines:								
	Ferrous foundry.....	2	1	1	-	(D)	(D)	(D)	-
	Nonferrous foundry (except die casting).....	4	1	1	2	(D)	(D)	(D)	(D)
	Forging—presses, hammers, or upsetters.....	3	-	1	2	(D)	-	(D)	(D)
	Electroplating and other plating.....	2	1	1	-	(D)	(D)	(D)	-
	Heat treating of metals.....	14	7	4	3	141	13	(D)	(D)
	Automatic screw machine department.....	3	-	1	2	(D)	-	(D)	(D)
	Machine shop.....	22	3	2	17	10,510	(D)	(D)	10,476
	Tool and die shop.....	13	1	4	8	1,200	(D)	(D)	1,142
	Foundry pattern shop.....	6	2	3	1	74	(D)	(D)	(D)
	Plate or structural fabrication.....	9	1	-	8	1,909	(D)	-	(D)
	Stamping, blanking, and forming of metals.....	5	-	1	4	(D)	-	(D)	(D)
	Painting, lacquering, and enameling on metals.....	14	9	2	3	134	18	(D)	(D)
3519	Internal combustion engines, n.e.c.:								
	Ferrous foundry.....	7	-	-	7	886	-	-	886
	Nonferrous foundry (except die casting).....	1	-	-	1	(D)	-	-	(D)
	Nonferrous die casting.....	5	-	2	3	(D)	-	(D)	(D)
	Electroplating and other plating.....	14	6	4	4	253	16	40	197
	Heat treating of metals.....	26	7	10	9	425	15	104	306
	Automatic screw machine department.....	21	5	4	12	808	5	45	758
	Machine shop.....	73	13	15	45	16,452	28	141	16,283
	Tool and die shop.....	37	8	12	17	1,451	19	121	1,311
	Foundry pattern shop.....	6	1	5	-	50	(D)	(D)	-
	Plate or structural fabrication.....	13	7	2	4	295	(D)	(D)	258
	Stamping, blanking, and forming of metals.....	31	13	7	11	(D)	23	75	577
	Painting, lacquering, and enameling on metals.....	55	30	15	10	538	54	128	356
	Assembly of product.....	72	8	14	50	10,892	17	166	10,709
	Shipping department, including packing and crating....	73	33	23	17	1,575	65	222	1,288

See footnotes at end of table.



TABLE 1A. Selected Metalworking Operations, by Industry and Operation: 1967—Continued

Code	Industry and operation	Number of establishments				Employment in the specified operation			
		Total	Number of production workers <sup>1</sup>			Total	Number of production workers <sup>1</sup>		
			1 to 4	5 to 19	20 or more		1 to 4	5 to 19	20 or more
3522	Farm machinery:								
	Ferrous foundry.....	34	1	11	22	5,920	(D)	(D)	5,795
	Nonferrous foundry (except die casting).....	16	8	6	2	241	16	(D)	(D)
	Forging--presses, hammers, or upsetters.....	77	32	23	22	1,529	53	230	1,246
	Heat treating of metals.....	117	73	26	18	1,292	132	241	919
	Automatic screw machine department.....	69	41	19	9	856	77	183	596
	Machine shop.....	479	219	165	95	12,105	443	1,577	10,085
	Tool and die shop.....	236	149	49	38	2,528	277	427	1,824
	Foundry pattern shop.....	41	28	6	7	383	40	61	282
	Plate or structural fabrication.....	258	109	101	48	3,258	247	916	2,095
	Stamping, blanking, and forming of metals.....	457	217	147	93	7,340	429	1,409	5,502
	Painting, lacquering, and enameling on metals.....	567	433	96	38	3,319	727	844	1,748
	Assembly of product.....	606	227	210	169	20,852	513	1,935	18,404
	Shipping department, including packing and crating....	568	385	125	58	4,829	728	1,084	3,017
	All other operations such as maintenance, warehousing, etc.....	2	2	-	-	(D)	(D)	-	-
3531	Construction machinery:								
	Ferrous foundry.....	15	-	2	13	3,503	-	(D)	(D)
	Nonferrous foundry (except die casting).....	4	1	2	1	38	(D)	(D)	(D)
	Forging--presses, hammers, or upsetters.....	34	19	6	9	815	47	63	705
	Heat treating of metals.....	80	52	14	14	1,410	95	151	1,164
	Automatic screw machine department.....	24	15	4	5	482	26	25	431
	Machine shop.....	282	80	78	124	24,622	156	822	23,644
	Tool and die shop.....	107	56	29	22	2,104	120	300	1,684
	Foundry pattern shop.....	28	16	11	1	182	27	(D)	(D)
	Plate or structural fabrication.....	213	49	57	107	13,083	96	565	12,422
	Stamping, blanking, and forming of metals.....	123	48	34	41	3,519	107	305	3,107
	Painting, lacquering, and enameling on metals.....	260	177	65	18	1,757	321	619	817
	Assembly of product.....	278	68	83	127	13,727	125	738	12,864
3532	Mining machinery:								
	Ferrous foundry.....	14	2	1	11	624	(D)	(D)	(D)
	Nonferrous foundry (except die casting).....	4	2	1	1	62	(D)	(D)	(D)
	Forging--presses, hammers, or upsetters.....	19	11	7	1	117	22	(D)	(D)
	Heat treating of metals.....	37	26	8	3	235	47	(D)	(D)
	Automatic screw machine department.....	10	7	2	1	54	(D)	(D)	(D)
	Machine shop.....	93	25	30	38	3,775	58	335	3,382
	Tool and die shop.....	19	10	6	3	198	24	66	108
	Foundry pattern shop.....	17	11	5	1	88	15	(D)	(D)
	Plate or structural fabrication.....	62	15	19	28	2,113	28	196	1,889
	Stamping, blanking, and forming of metals.....	21	15	1	5	249	31	(D)	(D)
	Painting, lacquering, and enameling on metals.....	62	47	14	1	231	66	(D)	(D)
	Assembly of product.....	77	27	25	25	1,721	59	207	1,455
3533	Oilfield machinery:								
	Ferrous foundry.....	9	2	2	5	454	(D)	(D)	439
	Nonferrous foundry (except die casting).....	3	2	-	1	(D)	(D)	-	(D)
	Forging--presses, hammers, or upsetters.....	22	8	9	5	262	21	75	166
	Heat treating of metals.....	64	41	19	4	389	72	172	145
	Automatic screw machine department.....	16	8	5	3	152	15	42	95
	Machine shop.....	168	43	53	72	8,343	89	541	7,713
	Tool and die shop.....	48	20	22	6	678	49	218	411
	Plate or structural fabrication.....	71	24	23	24	1,925	41	282	1,632
	Stamping, blanking, and forming of metals.....	19	7	12	-	125	12	113	-
	Painting, lacquering, and enameling on metals.....	99	82	15	2	313	150	(D)	(D)
3534	Elevators and moving stairways:								
	Ferrous foundry.....	2	-	-	2	(D)	-	-	(D)
	Forging--presses, hammers, or upsetters.....	1	1	-	-	(D)	(D)	-	-
	Heat treating of metals.....	4	3	1	-	11	(D)	(D)	-
	Automatic screw machine department.....	5	2	2	1	30	(D)	(D)	(D)
	Machine shop.....	56	24	18	14	1,189	51	144	994
	Tool and die shop.....	12	7	3	2	100	14	26	(D)
	Foundry pattern shop.....	2	1	1	-	(D)	(D)	(D)	-
	Plate or structural fabrication.....	43	14	16	13	789	32	151	606
	Stamping, blanking, and forming of metals.....	30	17	8	5	398	31	(D)	(D)
	Painting, lacquering, and enameling on metals.....	48	38	8	2	236	72	(D)	(D)
3535	Conveyors and conveying equipment:								
	Ferrous foundry.....	3	-	1	2	(D)	-	(D)	(D)
	Nonferrous foundry (except die casting).....	2	1	1	-	(D)	(D)	(D)	-
	Forging--presses, hammers, or upsetters.....	5	5	-	-	7	7	-	-
	Heat treating of metals.....	11	9	2	-	24	(D)	(D)	-
	Automatic screw machine department.....	12	8	4	-	47	20	27	-
	Machine shop.....	155	75	56	24	1,729	157	529	1,043
	Tool and die shop.....	36	20	14	2	204	40	(D)	(D)
	Foundry pattern shop.....	4	1	2	1	43	(D)	(D)	(D)
	Plate or structural fabrication.....	151	35	61	55	3,252	62	607	2,583
	Stamping, blanking, and forming of metals.....	97	46	34	17	939	86	331	522
	Painting, lacquering, and enameling on metals.....	157	141	16	-	334	226	108	-

See footnotes at end of table.

TABLE 1A. Selected Metalworking Operations, by Industry and Operation: 1967—Continued

Code	Industry and operation	Number of establishments				Employment in the specified operation			
		Total	Number of production workers <sup>1</sup>			Total	Number of production workers <sup>1</sup>		
			1 to 4	5 to 19	20 or more		1 to 4	5 to 19	20 or more
3536	Hoists, cranes, and monorails:								
	Forging--presses, hammers, or upsetters.....	4	1	2	1	39	(D)	(D)	(D)
	Heat treating of metals.....	11	7	3	1	77	12	(D)	(D)
	Automatic screw machine department.....	11	4	5	2	115	10	(D)	(D)
	Machine shop.....	52	12	21	19	2,168	23	194	1,951
	Tool and die shop.....	20	10	7	3	178	21	75	82
	Foundry pattern shop.....	2	1	1	-	(D)	(D)	(D)	-
	Plate or structural fabrication.....	51	16	19	16	1,362	47	154	1,161
	Stamping, blanking, and forming of metals.....	13	8	3	2	120	20	(D)	(D)
	Painting, lacquering, and enameling on metals.....	51	43	6	2	197	64	(D)	(D)
	Assembly of product.....	58	20	24	14	1,982	53	233	1,696
3537	Industrial trucks and tractors:								
	Ferrous foundry.....	5	1	1	3	99	(D)	(D)	(D)
	Nonferrous foundry (except die casting).....	1	1	-	-	(D)	(D)	-	-
	Forging--presses, hammers, or upsetters.....	3	1	2	-	(D)	(D)	(D)	-
	Heat treating of metals.....	14	11	1	2	76	24	(D)	(D)
	Automatic screw machine department.....	11	7	4	-	56	12	44	-
	Machine shop.....	93	36	29	28	2,713	85	309	2,319
	Tool and die shop.....	33	15	13	5	368	24	112	232
	Foundry pattern shop.....	3	3	-	-	5	5	-	-
	Plate or structural fabrication.....	80	20	38	22	2,158	51	390	1,717
	Stamping, blanking, and forming of metals.....	65	31	23	11	749	65	189	495
	Painting, lacquering, and enameling on metals.....	108	89	15	4	358	142	119	97
3541	Machine tools, metal-cutting types:								
	Ferrous foundry.....	12	1	1	10	1,346	(D)	(D)	(D)
	Nonferrous foundry (except die casting).....	1	-	1	-	(D)	-	(D)	-
	Forging--presses, hammers, or upsetters.....	3	1	2	-	19	(D)	(D)	-
	Electroplating and other plating.....	13	7	4	2	96	16	(D)	(D)
	Heat treating of metals.....	65	36	22	7	522	82	205	235
	Automatic screw machine department.....	62	29	23	10	616	57	226	333
	Machine shop.....	335	53	121	161	27,147	85	1,301	25,761
	Tool and die shop.....	102	32	41	29	1,839	66	403	1,370
	Foundry pattern shop.....	31	16	8	7	309	30	90	189
	Plate or structural fabrication.....	57	27	17	13	684	57	167	460
	Stamping, blanking, and forming of metals.....	36	23	9	4	279	42	113	124
	Painting, lacquering, and enameling on metals.....	142	89	43	10	871	151	397	323
3542	Machine tools, metal-forming types:								
	Ferrous foundry.....	6	-	3	3	384	-	48	366
	Nonferrous foundry (except die casting).....	3	2	1	-	(D)	(D)	(D)	-
	Nonferrous die casting.....	3	2	1	-	11	(D)	(D)	-
	Forging--presses, hammers, or upsetters.....	6	4	1	1	58	(D)	(D)	(D)
	Electroplating and other plating.....	5	5	-	-	11	11	-	-
	Heat treating of metals.....	47	41	6	-	120	68	52	-
	Automatic screw machine department.....	23	13	9	1	121	21	(D)	(D)
	Machine shop.....	150	23	53	74	9,090	53	564	8,473
	Tool and die shop.....	59	29	23	7	490	53	267	170
	Foundry pattern shop.....	16	11	4	1	79	22	(D)	(D)
	Plate or structural fabrication.....	41	16	16	9	1,077	22	119	936
	Stamping, blanking, and forming of metals.....	38	22	12	4	356	44	119	193
	Painting, lacquering, and enameling on metals.....	70	60	10	-	172	84	88	-
3544	Special dies, tools, jigs, and fixtures:								
	Ferrous foundry.....	11	4	5	2	232	6	(D)	(D)
	Nonferrous foundry (except die casting).....	32	19	10	3	291	30	111	150
	Nonferrous die casting.....	29	13	12	4	267	20	115	132
	Forging--presses, hammers, or upsetters.....	14	7	4	3	192	10	37	145
	Electroplating and other plating.....	29	21	7	1	139	39	(D)	(D)
	Heat treating of metals.....	184	172	10	2	424	229	(D)	(D)
	Automatic screw machine department.....	62	45	13	4	262	76	83	103
	Machine shop.....	1,151	315	566	270	19,829	516	5,708	13,602
	Tool and die shop.....	1,713	380	889	444	29,649	593	8,936	20,120
	Foundry pattern shop.....	74	42	24	8	820	82	253	485
	Plate or structural fabrication.....	104	72	26	6	563	124	249	190
	Stamping, blanking, and forming of metals.....	456	318	114	24	2,230	530	1,014	686
	Painting, lacquering, and enameling on metals.....	91	88	3	-	121	103	18	-
3545	Machine tool accessories:								
	Ferrous foundry.....	1	1	-	-	(D)	(D)	-	-
	Nonferrous foundry (except die casting).....	3	3	-	-	7	7	-	-
	Nonferrous die casting.....	3	2	1	-	(D)	(D)	(D)	-
	Forging--presses, hammers, or upsetters.....	9	5	2	2	100	9	(D)	(D)
	Electroplating and other plating.....	32	22	10	-	115	23	92	-
	Heat treating of metals.....	118	73	34	11	917	135	304	478
	Automatic screw machine department.....	60	37	16	7	462	74	152	236
	Machine shop.....	314	62	117	135	12,241	86	1,232	10,923
	Tool and die shop.....	120	47	53	20	1,493	70	549	874
	Foundry pattern shop.....	4	2	2	-	21	(D)	(D)	-
	Plate or structural fabrication.....	12	4	7	1	86	9	(D)	(D)

See footnotes at end of table.



TABLE 1A. Selected Metalworking Operations, by Industry and Operation: 1967—Continued

Code	Industry and operation	Number of establishments				Employment in the specified operation			
		Total	Number of production workers <sup>1</sup>			Total	Number of production workers <sup>1</sup>		
			1 to 4	5 to 19	20 or more		1 to 4	5 to 19	20 or more
3545	Machine tools accessories--Continued								
	Stamping, blanking, and forming of metals.....	48	32	7	9	725	52	67	606
	Painting, lacquering, and enameling on metals.....	58	52	5	1	148	92	(D)	(D)
3548	Metalworking machinery, n.e.c.:								
	Ferrous foundry.....	5	-	1	4	781	-	(D)	(D)
	Nonferrous foundry (except die casting).....	2	1	-	1	(D)	(D)	-	(D)
	Nonferrous die casting.....	4	1	1	2	92	(D)	(D)	(D)
	Forging--presses, hammers, or upsetters.....	8	5	2	1	57	8	(D)	(D)
	Electroplating and other plating.....	16	11	5	-	66	19	47	-
	Heat treating of metals.....	35	23	9	3	320	41	90	189
	Automatic screw machine department.....	49	22	17	10	724	42	178	504
	Machine shop.....	166	31	51	84	10,506	52	574	9,880
	Tool and die shop.....	58	21	25	12	827	30	230	567
	Foundry pattern shop.....	11	9	1	1	69	(D)	(D)	(D)
	Plate or structural fabrication.....	41	17	10	14	996	35	81	880
	Stamping, blanking, and forming of metals.....	48	32	10	6	437	54	92	291
	Painting, lacquering, and enameling on metals.....	79	65	12	2	274	97	(D)	(D)
3551	Food products machinery:								
	Ferrous foundry.....	7	-	3	4	271	-	25	246
	Nonferrous foundry (except die casting).....	9	5	3	1	54	(D)	(D)	(D)
	Heat treating of metals.....	23	17	6	-	72	33	39	-
	Automatic screw machine department.....	26	19	6	1	120	30	(D)	(D)
	Machine shop.....	272	82	116	74	5,860	155	1,094	4,611
	Tool and die shop.....	44	33	9	2	187	61	(D)	(D)
	Foundry pattern shop.....	18	15	3	-	46	26	20	-
	Plate or structural fabrication.....	128	42	53	33	2,230	94	535	1,601
	Stamping, blanking, and forming of metals.....	119	61	45	13	994	120	450	424
	Painting, lacquering, and enameling on metals.....	181	162	16	3	436	240	128	68
3552	Textile machinery:								
	Ferrous foundry.....	18	1	4	13	1,225	(D)	(D)	1,168
	Nonferrous foundry (except die casting).....	6	2	4	-	36	(D)	(D)	-
	Heat treating of metals.....	41	28	10	3	324	57	92	175
	Automatic screw machine department.....	31	18	8	5	384	35	67	282
	Machine shop.....	187	47	65	75	9,882	84	718	9,080
	Tool and die shop.....	49	31	12	6	506	71	91	344
	Foundry pattern shop.....	24	18	5	1	96	36	(D)	(D)
	Plate or structural fabrication.....	74	29	28	17	866	43	251	572
	Stamping, blanking, and forming of metals.....	65	32	19	14	708	61	188	459
	Painting, lacquering, and enameling on metals.....	84	64	14	6	363	86	116	161
3553	Woodworking machinery:								
	Ferrous foundry.....	7	1	5	1	130	(D)	(D)	(D)
	Nonferrous foundry (except die casting).....	2	1	-	1	(D)	(D)	-	(D)
	Nonferrous die casting.....	2	-	1	1	(D)	-	(D)	(D)
	Electroplating and other plating.....	10	3	4	3	129	4	32	93
	Heat treating of metals.....	20	17	2	1	85	32	(D)	(D)
	Automatic screw machine department.....	11	7	3	1	70	9	(D)	(D)
	Machine shop.....	99	25	36	38	3,265	45	366	2,854
	Tool and die shop.....	20	10	7	3	209	18	70	121
	Foundry pattern shop.....	11	10	1	-	23	(D)	(D)	-
	Plate or structural fabrication.....	47	19	23	5	396	37	232	127
	Stamping, blanking, and forming of metals.....	21	12	8	1	151	17	(D)	(D)
	Painting, lacquering, and enameling on metals.....	69	62	4	3	224	91	(D)	(D)
3554	Paper industries machinery:								
	Ferrous foundry.....	9	1	1	7	372	(D)	(D)	(D)
	Nonferrous foundry (except die casting).....	5	4	-	1	36	(D)	-	(D)
	Machine shop.....	98	13	33	52	5,073	18	347	4,708
	Tool and die shop.....	15	8	6	1	86	10	(D)	(D)
	Foundry pattern shop.....	14	11	3	-	55	24	31	-
	Plate or structural fabrication.....	38	17	11	10	592	34	82	476
	Painting, lacquering, and enameling on metals.....	50	46	4	-	113	80	33	-
3555	Printing trades machinery:								
	Ferrous foundry.....	5	2	1	2	97	(D)	(D)	(D)
	Nonferrous foundry (except die casting).....	6	3	2	1	179	4	(D)	(D)
	Heat treating of metals.....	17	13	4	-	52	18	34	-
	Automatic screw machine department.....	16	10	4	2	176	17	(D)	(D)
	Machine shop.....	120	24	46	50	6,943	38	479	6,426
	Tool and die shop.....	31	16	13	2	264	29	(D)	(D)
	Foundry pattern shop.....	13	9	4	-	51	12	39	-
	Plate or structural fabrication.....	25	18	6	1	108	40	(D)	(D)
	Stamping, blanking, and forming of metals.....	25	19	4	2	139	35	(D)	(D)
	Painting, lacquering, and enameling on metals.....	69	50	18	1	275	77	(D)	(D)
3559	Special industry machinery, n.e.c.:								
	Ferrous foundry.....	24	4	4	16	1,212	4	34	1,174
	Nonferrous foundry (except die casting).....	18	11	6	1	121	19	(D)	(D)

See footnotes at end of table.



TABLE 1A. Selected Metalworking Operations, by Industry and Operation: 1967—Continued

Code	Industry and operation	Number of establishments				Employment in the specified operation			
		Total	Number of production workers <sup>1</sup>			Total	Number of production workers <sup>1</sup>		
			1 to 4	5 to 19	20 or more		1 to 4	5 to 19	20 or more
3559	Special industry machinery, n.e.c.—Continued:								
	Forging—presses, hammers, or upsetters.....	9	6	2	1	65	8	(D)	(D)
	Electroplating and other plating.....	23	15	8	-	114	26	88	-
	Galvanizing and other hot-dip coating.....	8	8	-	-	12	12	-	-
	Heat treating of metals.....	58	45	12	1	218	73	(D)	(D)
	Automatic screw machine department.....	27	18	9	-	128	34	94	-
	Machine shop.....	425	106	153	166	15,491	210	1,537	13,744
	Tool and die shop.....	104	55	37	12	878	123	320	435
	Foundry pattern shop.....	52	42	9	1	198	80	(D)	(D)
	Plate or structural fabrication.....	226	78	82	66	4,535	160	793	3,582
	Stamping, blanking, and forming of metals.....	103	60	32	11	1,204	107	330	767
	Painting, lacquering, and enameling on metals.....	232	204	26	2	597	296	(D)	(D)
3561	Pumps and compressors:								
	Ferrous foundry.....	26	1	5	20	2,546	(D)	(D)	2,487
	Nonferrous foundry (except die casting).....	17	7	2	8	351	(D)	(D)	312
	Galvanizing and other hot-dip coating.....	8	7	-	1	32	(D)	-	(D)
	Heat treating of metals.....	46	33	12	1	185	66	(D)	(D)
	Automatic screw machine department.....	55	30	12	13	889	49	110	730
	Machine shop.....	269	62	81	126	14,283	128	856	13,299
	Tool and die shop.....	98	40	45	13	953	72	405	476
	Foundry pattern shop.....	52	30	16	6	441	52	147	242
	Plate or structural fabrication.....	78	32	28	18	1,893	49	264	1,580
	Stamping, blanking, and forming of metals.....	53	27	22	4	372	53	181	138
	Painting, lacquering, and enameling on metals.....	182	152	26	4	713	256	196	261
	Assembly of product.....	261	87	91	83	7,248	180	885	6,183
3562	Ball and roller bearings:								
	Ferrous foundry.....	2	-	1	1	(D)	-	(D)	(D)
	Nonferrous foundry (except die casting).....	2	1	1	-	(D)	(D)	(D)	-
	Forging—presses, hammers, or upsetters.....	14	5	6	3	430	16	(D)	(D)
	Electroplating and other plating.....	11	4	6	1	69	5	(D)	(D)
	Heat treating of metals.....	73	30	25	18	1,419	73	303	1,043
	Automatic screw machine department.....	67	10	15	42	3,463	17	117	3,329
	Machine shop.....	68	9	21	38	3,909	13	219	3,677
	Tool and die shop.....	45	9	18	18	1,238	19	159	1,060
	Foundry pattern shop.....	3	3	-	-	7	7	-	-
	Plate or structural fabrication.....	1	-	-	1	(D)	-	-	(D)
	Stamping, blanking, and forming of metals.....	44	7	17	20	1,302	19	152	1,131
	Painting, lacquering, and enameling on metals.....	9	8	1	-	20	(D)	(D)	-
	Assembly of product.....	80	16	20	44	6,385	30	220	6,135
3564	Blowers and fans:								
	Ferrous foundry.....	2	-	1	1	(D)	-	(D)	(D)
	Nonferrous foundry (except die casting).....	4	1	2	1	64	(D)	(D)	(D)
	Electroplating and other plating.....	4	3	1	-	17	(D)	(D)	-
	Galvanizing and other hot-dip coating.....	2	1	1	-	(D)	(D)	(D)	-
	Heat treating of metals.....	2	-	2	-	(D)	-	(D)	-
	Automatic screw machine department.....	5	3	1	1	50	(D)	(D)	(D)
	Machine shop.....	57	19	22	16	1,641	44	211	1,386
	Tool and die shop.....	20	11	8	1	158	22	(D)	(D)
	Foundry pattern shop.....	8	6	2	-	31	(D)	(D)	-
	Plate or structural fabrication.....	50	9	20	21	1,312	20	187	1,105
	Stamping, blanking, and forming of metals.....	83	40	26	17	1,154	81	273	800
	Painting, lacquering, and enameling on metals.....	81	67	11	3	449	107	(D)	(D)
	Assembly of product.....	114	33	33	48	4,318	74	312	3,932
	Shipping department, including packing and crating...	99	69	24	6	536	107	226	203
3565	Industrial patterns:								
	Ferrous foundry.....	5	1	4	-	55	(D)	(D)	-
	Nonferrous foundry (except die casting).....	34	20	13	1	236	36	(D)	(D)
	Nonferrous die casting.....	2	1	1	-	(D)	(D)	(D)	-
	Heat treating of metals.....	3	3	-	-	(D)	4	-	-
	Automatic screw machine department.....	1	1	-	-	(D)	(D)	-	-
	Machine shop.....	36	15	14	7	428	37	126	265
	Tool and die shop.....	14	7	6	1	90	10	(D)	(D)
	Foundry pattern shop.....	362	72	226	64	4,914	144	2,192	2,578
	Plate or structural fabrication.....	4	3	-	1	(D)	(D)	-	(D)
	Stamping, blanking, and forming of metals.....	7	5	1	1	156	(D)	(D)	(D)
	Painting, lacquering, and enameling on metals.....	11	9	2	-	20	(D)	(D)	-
3566	Power transmission equipment:								
	Ferrous foundry.....	6	-	1	5	982	-	(D)	(D)
	Nonferrous foundry (except die casting).....	21	4	7	10	435	9	83	343
	Forging—presses, hammers, or upsetters.....	2	1	1	-	(D)	(D)	(D)	-
	Electroplating and other plating.....	16	13	1	2	82	25	(D)	(D)
	Galvanizing and other hot-dip coating.....	1	1	-	-	(D)	(D)	-	-
	Heat treating of metals.....	62	36	20	6	520	69	222	229
	Automatic screw machine department.....	70	28	38	4	554	58	382	114
	Machine shop.....	278	41	87	150	16,088	71	935	15,082
	Tool and die shop.....	84	43	28	13	897	81	265	551

See footnotes at end of table.

TABLE 1A. Selected Metalworking Operations, by Industry and Operation: 1967—Continued

Code	Industry and operation	Number of establishments				Employment in the specified operation			
		Total	Number of production workers <sup>1</sup>			Total	Number of production workers <sup>1</sup>		
			1 to 4	5 to 19	20 or more		1 to 4	5 to 19	20 or more
3566	Power transmission equipment--Continued								
	Foundry pattern shop.....	22	17	4	1	81	27	(D)	(D)
	Plate or structural fabrication.....	20	10	4	6	382	12	33	337
	Stamping, blanking, and forming of metals.....	47	20	8	19	1,106	33	60	1,013
	Painting, lacquering, and enameling on metals.....	66	59	7	-	143	93	50	-
	Assembly of product.....	151	71	38	42	3,473	156	361	2,956
3567	Industrial furnaces and ovens:								
	Machine shop.....	75	35	31	9	688	71	259	358
	Plate or structural fabrication.....	82	38	25	19	1,368	85	257	1,026
	Stamping, blanking, and forming of metals.....	46	23	13	10	462	53	123	286
	Painting, lacquering, and enameling on metals.....	70	63	7	-	134	91	43	-
3569	General industry machinery, n.e.c.:								
	Ferrous foundry.....	5	1	1	3	128	(D)	(D)	(D)
	Nonferrous foundry (except die casting).....	7	5	1	1	(D)	(D)	(D)	(D)
	Forging--presses, hammers, or upsetters.....	4	3	-	1	36	(D)	-	(D)
	Electroplating and other plating.....	10	7	2	1	44	13	(D)	(D)
	Galvanizing and other hot-dip coating.....	4	4	-	-	7	7	-	-
	Heat treating of metals.....	26	21	5	-	89	34	55	-
	Automatic screw machine department.....	29	23	4	2	168	36	(D)	(D)
	Machine shop.....	269	77	109	83	5,708	167	1,093	4,448
	Tool and die shop.....	56	29	24	3	422	61	194	167
	Foundry pattern shop.....	16	12	3	1	194	18	(D)	(D)
	Plate or structural fabrication.....	129	46	50	33	2,352	88	473	1,791
	Stamping, blanking, and forming of metals.....	86	49	31	6	652	81	280	291
	Painting, lacquering, and enameling on metals.....	172	150	21	1	398	204	(D)	(D)
3572	Typewriters:								
	Forging--presses, hammers, or upsetters.....	1	-	-	1	(D)	-	-	(D)
	Electroplating and other plating.....	7	-	3	4	279	-	36	243
	Heat treating of metals.....	9	3	3	3	151	7	(D)	(D)
	Automatic screw machine department.....	10	3	-	7	430	6	-	424
	Machine shop.....	6	1	2	3	488	(D)	(D)	(D)
	Tool and die shop.....	12	3	2	7	516	(D)	(D)	497
	Plate or structural fabrication.....	2	-	2	-	(D)	-	(D)	-
	Stamping, blanking, and forming of metals.....	10	-	1	9	1,332	-	(D)	(D)
	Painting, lacquering, and enameling on metals.....	9	3	1	5	221	(D)	(D)	199
	Plastics molding.....	6	-	1	5	305	-	(D)	(D)
	Assembly of product.....	12	-	1	11	7,143	-	(D)	(D)
	Shipping department, including packing and crating....	11	1	3	7	316	(D)	(D)	285
3573	Electronic computing equipment:								
	Nonferrous foundry (except die casting).....	1	-	1	-	(D)	-	(D)	-
	Forging--presses, hammers, or upsetters.....	2	2	-	-	(D)	(D)	-	-
	Electroplating and other plating.....	25	8	12	5	372	19	148	205
	Galvanizing and other hot-dip coating.....	2	2	-	-	(D)	(D)	-	-
	Heat treating of metals.....	12	6	4	2	107	11	(D)	(D)
	Automatic screw machine department.....	6	3	3	-	37	8	29	-
	Machine shop.....	73	25	21	27	2,510	54	195	2,261
	Tool and die shop.....	25	6	10	9	454	10	94	350
	Plate or structural fabrication.....	10	1	4	5	202	(D)	(D)	164
	Stamping, blanking, and forming of metals.....	34	13	15	6	633	24	181	428
	Painting, lacquering, and enameling on metals.....	28	14	10	4	250	24	82	144
	Plastics molding.....	13	6	4	3	121	12	(D)	(D)
	Assembly of product.....	96	11	23	62	20,905	28	225	20,652
	Shipping department, including packing and crating....	86	47	21	18	1,091	86	172	833
	All other operations such as maintenance, warehousing, etc.....	5	2	1	2	491	(D)	(D)	(D)
3574	Calculating and accounting machines:								
	Ferrous foundry.....	1	-	-	1	(D)	-	-	(D)
	Nonferrous foundry (except die casting).....	2	-	1	1	(D)	-	(D)	(D)
	Electroplating and other plating.....	11	1	7	3	416	(D)	(D)	(D)
	Heat treating of metals.....	7	1	4	2	233	(D)	(D)	(D)
	Automatic screw machine department.....	7	-	1	6	528	-	(D)	(D)
	Machine shop.....	19	7	6	5	847	8	52	787
	Tool and die shop.....	15	3	6	5	1,042	6	70	966
	Plate or structural fabrication.....	3	1	1	1	(D)	(D)	(D)	(D)
	Stamping, blanking, and forming of metals.....	17	3	3	11	889	7	22	860
	Painting, lacquering, and enameling on metals.....	16	7	6	3	248	14	(D)	(D)
	Plastic molding.....	5	1	2	2	187	(D)	(D)	(D)
	Assembly of product.....	29	8	6	15	8,440	21	51	8,368
	Shipping department, including packing and crating....	28	19	6	3	183	35	(D)	(D)
3576	Scales and balances:								
	Ferrous foundry.....	2	-	-	2	(D)	-	-	(D)
	Nonferrous foundry (except die casting).....	1	-	-	1	(D)	-	-	(D)
	Electroplating and other plating.....	1	-	1	-	(D)	-	(D)	-
	Heat treating of metals.....	4	3	1	-	10	(D)	(D)	-
	Automatic screw machine department.....	4	2	1	1	48	(D)	(D)	(D)

See footnotes at end of table.



TABLE 1A. Selected Metalworking Operations, by Industry and Operation: 1967—Continued

Code	Industry and operation	Number of establishments				Employment in the specified operation			
		Total	Number of production workers <sup>1</sup>			Total	Number of production workers <sup>1</sup>		
			1 to 4	5 to 19	20 or more		1 to 4	5 to 19	20 or more
3576	Scales and balances--Continued:								
	Machine shop.....	23	8	9	6	404	18	88	298
	Tool and die shop.....	10	4	5	1	67	7	(D)	(D)
	Plate or structural fabrication.....	9	2	4	3	160	(D)	(D)	112
	Stamping, blanking, and forming of metals.....	10	3	5	2	91	7	(D)	(D)
	Painting, lacquering, and enameling on metals.....	22	15	6	1	90	25	(D)	(D)
	Plastics molding.....	2	2	-	-	(D)	(D)	-	-
	Assembly of product.....	24	7	5	12	791	18	43	730
	Shipping department, including packing and crating....	25	14	10	1	113	21	(D)	(D)
3579	Office machines, n.e.c.:								
	Electroplating and other plating.....	9	2	6	1	123	(D)	(D)	(D)
	Heat treating of metals.....	10	8	1	1	51	(D)	(D)	(D)
	Automatic screw machine department.....	17	9	4	4	242	21	52	169
	Machine shop.....	51	16	14	21	1,797	34	150	1,613
	Tool and die shop.....	36	18	13	5	448	34	117	297
	Plate or structural fabrication.....	2	1	-	1	(D)	(D)	-	(D)
	Stamping, blanking, and forming of metals.....	46	22	11	13	771	47	108	616
	Painting, lacquering, and enameling on metals.....	27	13	12	2	212	22	(D)	(D)
	Plastics molding.....	5	3	1	1	(D)	(D)	(D)	(D)
	Assembly of product.....	65	18	13	34	3,006	41	119	2,846
	Shipping department, including packing and crating....	59	42	13	4	398	73	129	196
3581	Automatic merchandising machines:								
	Nonferrous die casting.....	5	3	2	-	26	(D)	(D)	-
	Forging--presses, hammers, or upsetters.....	1	-	-	1	(D)	-	-	(D)
	Electroplating and other plating.....	8	6	2	-	34	(D)	(D)	-
	Heat treating of metals.....	3	3	-	-	5	5	-	-
	Automatic screw machine department.....	4	1	3	-	27	(D)	(D)	-
	Machine shop.....	25	15	7	3	149	27	(D)	(D)
	Tool and die shop.....	27	16	10	1	147	31	(D)	(D)
	Foundry pattern shop.....	3	3	-	-	(D)	(D)	-	-
	Plate or structural fabrication.....	6	3	2	1	(D)	(D)	(D)	(D)
	Stamping, blanking, and forming of metals.....	39	12	11	16	957	25	117	815
	Painting, lacquering, and enameling on metals.....	29	14	12	3	213	32	(D)	(D)
3582	Commercial laundry equipment:								
	Ferrous foundry.....	1	-	1	0	(D)	-	(D)	-
	Nonferrous die casting.....	1	-	1	-	(D)	-	(D)	-
	Forging--presses, hammers, or upsetters.....	1	1	-	-	(D)	(D)	-	-
	Electroplating and other plating.....	5	4	1	-	14	(D)	(D)	-
	Galvanizing and other hot-dip coating.....	1	1	-	-	(D)	(D)	-	-
	Heat treating of metals.....	5	5	-	-	8	8	-	-
	Automatic screw machine department.....	6	4	2	-	32	(D)	(D)	-
	Machine shop.....	44	14	23	7	640	26	188	426
	Tool and die shop.....	18	8	10	-	105	19	86	-
	Foundry pattern shop.....	4	2	2	-	14	(D)	(D)	-
	Plate or structural fabrication.....	22	11	6	5	351	24	62	265
	Stamping, blanking, and forming of metals.....	25	7	13	5	354	16	130	208
	Painting, lacquering, and enameling on metals.....	41	32	8	1	147	57	(D)	(D)
3585	Refrigeration machinery:								
	Ferrous foundry.....	4	-	1	3	204	-	(D)	(D)
	Nonferrous foundry (except die casting).....	3	2	-	1	(D)	(D)	-	(D)
	Electroplating and other plating.....	14	7	7	-	81	14	67	-
	Galvanizing and other hot-dip coating.....	8	7	-	1	116	(D)	-	(D)
	Heat treating of metals.....	16	13	2	1	71	(D)	(D)	(D)
	Automatic screw machine department.....	24	12	8	4	237	20	77	140
	Machine shop.....	136	58	40	38	6,050	119	343	5,588
	Tool and die shop.....	83	40	28	15	1,064	87	278	699
	Foundry pattern shop.....	12	9	3	-	50	19	31	-
	Plate or structural fabrication.....	76	26	28	22	1,749	48	259	1,442
	Stamping, blanking, and forming of metals.....	202	62	57	83	8,702	134	543	8,025
	Painting, lacquering, and enameling on metals.....	221	142	55	24	1,812	244	509	1,059
	Assembly of product.....	280	43	79	158	23,837	67	819	22,951
	Shipping department, including packing and crating....	263	156	72	35	2,192	297	719	1,176
	All other operations such as maintenance, warehousing, etc.....	5	4	1	-	11	(D)	(D)	-
3586	Measuring and dispensing pumps:								
	Galvanizing and other hot-dip coating.....	2	1	1	-	(D)	(D)	(D)	-
	Heat treating of metals.....	4	2	2	-	20	(D)	(D)	-
	Automatic screw machine department.....	10	4	4	2	217	12	(D)	(D)
	Machine shop.....	25	7	7	11	909	15	64	830
	Tool and die shop.....	12	6	4	2	102	11	(D)	(D)
	Foundry pattern shop.....	2	1	1	-	(D)	(D)	(D)	-
	Plate or structural fabrication.....	2	-	-	2	(D)	-	-	(D)
	Stamping, blanking, and forming of metals.....	10	3	4	3	246	5	54	187
	Painting, lacquering, and enameling on metals.....	16	9	4	3	136	11	40	85
	Assembly of product.....	20	5	4	11	917	10	40	867

See footnotes at end of table.



TABLE 1A. Selected Metalworking Operations, by Industry and Operation: 1967-Continued

Code	Industry and operation	Number of establishments				Employment in the specified operation			
		Total	Number of production workers <sup>1</sup>			Total	Number of production workers <sup>1</sup>		
			1 to 4	5 to 19	20 or more		1 to 4	5 to 19	20 or more
3589	Service industry machines, n.e.c.:								
	Ferrous foundry.....	2	-	-	2	(D)	-	-	(D)
	Nonferrous foundry (except die casting).....	5	2	3	-	19	(D)	(D)	-
	Nonferrous die casting.....	2	1	1	-	(D)	(D)	(D)	-
	Forging--presses, hammers, or upsetters.....	3	3	-	-	5	5	-	-
	Electroplating and other plating.....	7	7	-	-	16	16	-	-
	Galvanizing and other hot-dip coating.....	4	4	-	-	8	8	-	-
	Heat treating of metals.....	7	5	2	-	31	(D)	(D)	-
	Automatic screw machine department.....	10	10	-	-	15	15	-	-
	Machine shop.....	105	45	38	22	1,271	88	326	857
	Tool and die shop.....	36	25	10	1	152	39	(D)	(D)
	Foundry pattern shop.....	10	8	2	-	39	(D)	(D)	-
	Plate or structural fabrication.....	51	24	17	10	661	53	207	401
	Stamping, blanking, and forming of metals.....	94	38	37	19	1,052	76	330	646
	Painting, lacquering, and enameling on metals.....	102	92	7	3	324	150	70	104
3599	Miscellaneous machinery, except electrical:								
	Ferrous foundry.....	43	14	17	12	948	27	169	752
	Nonferrous foundry (except die casting).....	52	32	13	7	742	60	107	575
	Nonferrous die casting.....	29	19	6	4	421	36	47	338
	Forging--presses, hammers, or upsetters.....	28	18	7	3	341	29	(D)	(D)
	Electroplating and other plating.....	107	73	27	7	572	122	218	232
	Heat treating of metals.....	157	127	20	10	698	172	187	339
	Automatic screw machine department.....	399	265	108	26	2,297	490	896	911
	Machine shop.....	4,168	970	2,200	998	82,119	1,743	21,851	58,525
	Tool and die shop.....	560	335	182	43	4,262	604	1,657	2,001
	Foundry pattern shop.....	54	46	5	3	207	70	(D)	(D)
	Plate or structural fabrication.....	529	302	190	37	3,516	513	1,643	1,360
	Stamping, blanking, and forming of metals.....	495	328	132	35	3,290	518	1,091	1,681
	Painting, lacquering, and enameling on metals.....	410	381	26	3	798	510	(D)	(D)
3611	Electric measuring instruments:								
	Nonferrous foundry (except die casting).....	1	1	-	-	(D)	(D)	-	-
	Nonferrous die casting.....	7	-	6	1	80	-	(D)	(D)
	Electroplating and other plating.....	37	21	11	5	286	39	85	162
	Heat treating of metals.....	27	19	8	-	98	27	71	-
	Automatic screw machine department.....	37	23	10	4	239	37	96	106
	Machine shop.....	173	79	62	32	2,805	165	578	2,062
	Tool and die shop.....	62	34	20	8	714	73	189	452
	Foundry pattern shop.....	2	2	-	-	(D)	(D)	-	-
	Stamping, blanking, and forming of metals.....	92	47	25	20	1,226	91	230	905
	Painting, lacquering, and enameling on metals.....	100	74	22	4	403	118	166	119
	Plastics molding.....	34	19	9	6	442	41	98	303
3612	Transformers:								
	Heat treating of metals.....	27	12	14	1	206	31	(D)	(D)
	Machine shop.....	37	17	8	12	881	24	75	782
	Tool and die shop.....	24	8	10	6	312	13	95	204
	Plate or structural fabrication.....	31	12	9	10	857	15	79	763
	Stamping, blanking, and forming of metals.....	55	20	20	15	1,841	32	200	1,609
	Painting, lacquering, and enameling on metals.....	72	44	21	7	550	71	210	269
3613	Switchgear and switchboard apparatus:								
	Ferrous foundry.....	1	1	-	-	(D)	(D)	-	-
	Nonferrous foundry (except die casting).....	3	-	-	3	150	-	-	150
	Electroplating and other plating.....	80	52	22	6	583	102	224	257
	Heat treating of metals.....	24	21	3	-	68	46	22	-
	Automatic screw machine department.....	23	12	5	6	300	23	40	237
	Machine shop.....	109	45	33	31	2,840	85	291	2,464
	Tool and die shop.....	81	41	30	10	785	76	311	398
	Foundry pattern shop.....	9	6	3	-	37	14	23	-
	Plate or structural fabrication.....	57	22	16	19	2,034	41	163	1,830
	Stamping, blanking, and forming of metals.....	155	53	59	43	3,269	107	572	2,590
	Painting, lacquering, and enameling on metals.....	150	109	34	7	732	205	288	239
	Plastics molding.....	34	12	13	9	681	22	120	539
3621	Motors and generators:								
	Ferrous foundry.....	2	-	1	1	(D)	-	(D)	(D)
	Nonferrous foundry (except die casting).....	10	3	4	3	147	5	31	111
	Nonferrous die casting.....	55	25	26	4	490	51	267	172
	Forging--presses, hammers, or upsetters.....	3	3	-	-	7	7	-	-
	Electroplating and other plating.....	29	20	9	-	132	39	93	-
	Galvanizing and other hot-dip coating.....	5	1	3	1	59	(D)	(D)	(D)
	Heat treating of metals.....	48	31	16	1	227	58	(D)	(D)
	Automatic screw machine department.....	51	26	22	3	356	48	212	96
	Machine shop.....	169	44	47	78	6,953	83	497	6,373
	Tool and die shop.....	102	42	41	19	1,468	81	402	985
	Foundry pattern shop.....	9	6	3	-	34	13	21	-
	Plate or structural fabrication.....	24	7	8	9	749	12	84	653
	Stamping, blanking, and forming of metals.....	106	31	45	30	2,455	67	431	1,957
	Painting, lacquering, and enameling on metals.....	127	80	37	10	721	140	274	307

See footnotes at end of table.

TABLE 1A. Selected Metalworking Operations, by Industry and Operation: 1967—Continued

Code	Industry and operation	Number of establishments				Employment in the specified operation			
		Total	Number of production workers <sup>1</sup>			Total	Number of production workers <sup>1</sup>		
			1 to 4	5 to 19	20 or more		1 to 4	5 to 19	20 or more
3622	Industrial controls:								
	Ferrous foundry.....	1	-	-	1	(D)	-	-	(D)
	Nonferrous foundry (except die casting).....	2	-	2	-	(D)	-	(D)	-
	Electroplating and other plating.....	17	6	6	5	262	10	54	198
	Heat treating of metals.....	17	12	3	2	106	26	(D)	(D)
	Automatic screw machine department.....	19	7	7	5	280	13	75	192
	Machine shop.....	94	48	24	22	2,527	87	215	2,225
	Tool and die shop.....	36	20	9	7	519	39	100	380
	Foundry pattern shop.....	1	1	-	-	(D)	(D)	-	-
	Plate or structural fabrication.....	32	9	15	8	632	22	127	483
	Stamping, blanking, and forming of metals.....	68	36	20	12	1,547	81	174	1,292
	Painting, lacquering, and enameling on metals.....	88	71	12	5	438	105	107	226
	Plastics molding.....	20	9	5	6	649	17	49	583
3623	Welding apparatus:								
	Machine shop.....	67	20	25	22	1,358	38	246	1,074
	Tool and die shop.....	25	15	5	5	362	29	49	284
	Plate or structural fabrication.....	34	15	12	7	425	31	112	282
	Stamping, blanking, and forming of metals.....	28	17	7	4	304	36	66	202
	Painting, lacquering, and enameling on metals.....	38	33	5	-	109	57	52	-
3624	Carbon and graphite products:								
	Machine shop.....	25	8	11	6	298	20	115	163
	Tool and die shop.....	4	2	2	-	32	(D)	(D)	-
	Stamping, blanking, and forming of metals.....	8	4	3	1	73	8	(D)	(D)
	Painting, lacquering, and enameling on metals.....	1	1	-	-	(D)	(D)	-	-
3629	Electrical industrial apparatus, n.e.c.:								
	Machine shop.....	45	26	13	6	547	63	123	361
	Tool and die shop.....	15	10	4	1	59	15	(D)	(D)
	Stamping, blanking, and forming of metals.....	39	24	13	2	229	46	(D)	(D)
	Painting, lacquering, and enameling on metals.....	46	40	5	1	117	64	(D)	(D)
3631	Household cooking equipment:								
	Ferrous foundry.....	7	-	-	7	434	-	-	434
	Nonferrous foundry (except die casting).....	1	1	-	-	(D)	(D)	-	-
	Nonferrous die casting.....	1	-	1	-	(D)	-	(D)	-
	Electroplating and other plating.....	8	4	2	2	106	11	(D)	(D)
	Heat treating of metals.....	1	-	-	1	(D)	-	-	(D)
	Machine shop.....	10	2	7	1	143	(D)	(D)	(D)
	Tool and die shop.....	15	3	8	4	267	8	81	178
	Foundry pattern shop.....	7	7	-	-	13	13	-	-
	Plate or structural fabrication.....	2	-	-	2	(D)	-	-	(D)
	Stamping, blanking, and forming of metals.....	32	2	5	25	2,349	(D)	(D)	2,285
	Painting, lacquering, and enameling on metals.....	28	2	8	18	1,744	(D)	(D)	1,628
	Plastics molding.....	1	-	-	1	(D)	-	-	(D)
	Assembly of product.....	44	2	5	37	6,094	(D)	(D)	6,035
	Shipping department, including packing and crating....	35	10	13	12	623	22	127	474
3632	Household refrigerators and freezers:								
	Electroplating and other plating.....	3	-	-	3	106	-	-	106
	Galvanizing and other hot-dip coating.....	1	1	-	-	(D)	(D)	-	-
	Heat treating of metals.....	4	1	2	1	61	(D)	(D)	(D)
	Automatic screw machine department.....	3	-	2	1	145	-	(D)	(D)
	Machine shop.....	8	1	1	6	1,656	(D)	(D)	(D)
	Tool and die shop.....	12	2	1	9	822	(D)	(D)	(D)
	Foundry pattern shop.....	1	-	1	-	(D)	-	(D)	-
	Stamping, blanking, and forming of metals.....	20	2	3	15	4,393	(D)	(D)	4,356
	Painting, lacquering, and enameling on metals.....	20	4	1	15	2,799	(D)	(D)	2,781
	Assembly of product.....	17	-	-	17	14,041	-	-	14,041
	Shipping department, including packing and crating....	18	3	3	12	1,614	7	30	1,577
3633	Household laundry equipment:								
	Ferrous foundry.....	1	-	-	1	(D)	-	-	(D)
	Nonferrous die casting.....	5	1	-	4	190	(D)	-	(D)
	Forging--presses, hammers, or upsetters.....	1	-	-	1	(D)	-	-	(D)
	Electroplating and other plating.....	6	1	3	2	111	(D)	(D)	(D)
	Galvanizing and other hot-dip coating.....	1	-	1	-	(D)	-	(D)	-
	Heat treating of metals.....	8	5	3	-	32	12	20	-
	Automatic screw machine department.....	7	-	4	3	242	-	36	206
	Machine shop.....	14	-	3	11	965	-	34	931
	Tool and die shop.....	17	2	8	7	376	(D)	(D)	302
	Foundry pattern shop.....	2	2	-	-	(D)	(D)	-	-
	Plate or structural fabrication.....	1	-	-	1	(D)	-	-	(D)
	Stamping, blanking, and forming of metals.....	18	2	3	13	2,046	(D)	(D)	2,011
	Painting, lacquering, and enameling on metals.....	16	1	3	12	1,976	(D)	(D)	1,950
	Plastics molding.....	8	1	1	6	330	(D)	(D)	(D)
	Assembly of product.....	20	1	3	16	5,903	(D)	(D)	5,849
	Shipping department, including packing and crating....	20	6	6	8	465	16	50	399

See footnotes at end of table.



TABLE 1A. Selected Metalworking Operations, by Industry and Operation: 1967-Continued

Code	Industry and operation	Number of establishments				Employment in the specified operation			
		Total	Number of production workers <sup>1</sup>			Total	Number of production workers <sup>1</sup>		
			1 to 4	5 to 19	20 or more		1 to 4	5 to 19	20 or more
3634	Electric housewares and fans:								
	Nonferrous foundry (except die casting).....	6	2	2	2	107	(D)	(D)	(D)
	Nonferrous die casting.....	12	-	10	2	194	-	(D)	(D)
	Electroplating and other plating.....	36	12	12	12	607	28	133	446
	Galvanizing and other hot-dip coating.....	1	1	-	-	(D)	(D)	-	-
	Heat treating of metals.....	12	10	2	-	50	(D)	(D)	-
	Automatic screw machine department.....	5	4	-	1	(D)	(D)	-	(D)
	Machine shop.....	39	10	15	14	1,145	20	145	980
	Tool and die shop.....	51	24	17	10	506	54	176	276
	Foundry pattern shop.....	2	1	1	-	(D)	(D)	(D)	-
	Plate or structural fabrication.....	1	-	-	1	(D)	-	-	(D)
	Stamping, blanking, and forming of metals.....	66	14	19	33	1,886	33	186	1,667
	Painting, lacquering, and enameling on metals.....	57	25	25	7	507	44	248	215
	Plastics molding.....	28	5	7	16	787	7	69	711
	Assembly of product.....	112	14	14	84	15,689	18	143	15,528
	Shipping department, including packing and crating...	89	43	32	14	856	78	323	455
3635	Household vacuum cleaners:								
	Nonferrous die casting.....	2	-	-	2	(D)	-	-	(D)
	Electroplating and other plating.....	4	-	-	4	105	-	-	105
	Heat treating of metals.....	3	2	1	-	13	(D)	(D)	-
	Automatic screw machine department.....	3	-	3	-	42	-	42	-
	Machine shop.....	6	3	-	3	(D)	6	-	(D)
	Tool and die shop.....	8	4	1	3	183	(D)	(D)	161
	Foundry pattern shop.....	2	1	-	1	(D)	(D)	-	(D)
	Stamping, blanking, and forming of metals.....	9	4	-	5	296	11	-	285
	Painting, lacquering, and enameling on metals.....	9	3	3	3	152	5	44	103
	Plastics molding.....	3	-	1	2	(D)	-	(D)	(D)
	Assembly of product.....	12	2	2	8	3,476	(D)	(D)	3,449
	Shipping department, including packing and crating...	12	5	4	3	173	8	43	122
3636	Sewing machines:								
	Ferrous foundry.....	1	-	-	1	(D)	-	-	(D)
	Nonferrous die casting.....	1	-	-	1	(D)	-	-	(D)
	Forging--presses, hammers, or upsetters.....	1	-	-	1	(D)	-	-	(D)
	Electroplating and other plating.....	5	3	2	-	(D)	(D)	(D)	-
	Heat treating of metals.....	6	4	1	1	(D)	(D)	(D)	(D)
	Automatic screw machine department.....	5	1	2	2	(D)	(D)	(D)	(D)
	Machine shop.....	18	1	9	8	837	(D)	(D)	766
	Tool and die shop.....	6	2	3	1	(D)	(D)	(D)	(D)
	Stamping, blanking, and forming of metals.....	3	1	1	1	(D)	(D)	(D)	(D)
	Painting, lacquering, and enameling on metals.....	7	7	-	-	14	14	-	-
	Assembly of product.....	11	4	3	4	(D)	(D)	(D)	(D)
	Shipping department, including packing and crating...	12	10	1	1	111	(D)	(D)	(D)
3639	Household appliances, n.e.c.:								
	Nonferrous die casting.....	1	-	1	-	(D)	-	(D)	-
	Forging--presses, hammers, or upsetters.....	1	1	-	-	(D)	(D)	-	-
	Electroplating and other plating.....	2	1	-	1	(D)	(D)	-	(D)
	Galvanizing and other hot-dip coating.....	1	-	1	-	(D)	-	(D)	-
	Heat treating of metals.....	5	4	1	-	14	(D)	(D)	-
	Automatic screw machine department.....	2	2	-	-	(D)	(D)	-	-
	Machine shop.....	20	9	5	6	322	19	64	239
	Tool and die shop.....	14	6	5	3	134	10	38	86
	Plate or structural fabrication.....	7	2	4	1	84	(D)	(D)	(D)
	Stamping, blanking, and forming of metals.....	30	9	9	12	751	19	100	632
	Painting, lacquering, and enameling on metals.....	33	21	3	9	500	36	25	439
	Plastics molding.....	2	1	-	1	(D)	(D)	-	(D)
	Assembly of product.....	37	5	14	18	3,348	12	149	3,187
	Shipping department, including packing and crating...	33	18	11	4	334	32	106	196
3641	Electric lamps:								
	Machine shop.....	17	1	10	6	550	(D)	(D)	442
3642	Lighting fixtures:								
	Ferrous foundry.....	1	1	-	-	(D)	(D)	-	-
	Nonferrous foundry (except die casting).....	16	8	6	2	109	12	(D)	(D)
	Nonferrous die casting.....	18	8	5	5	441	16	42	383
	Electroplating and other plating.....	75	35	30	10	754	62	282	410
	Galvanizing and other hot-dip coating.....	5	4	1	-	15	(D)	(D)	-
	Heat treating of metals.....	14	11	1	2	87	20	(D)	(D)
	Automatic screw machine department.....	18	13	2	3	111	(D)	(D)	70
	Machine shop.....	144	72	54	18	1,465	149	523	793
	Tool and die shop.....	114	75	34	5	859	130	308	421
	Plate or structural fabrication.....	36	18	13	5	361	33	127	201
	Stamping, blanking, and forming of metals.....	254	84	101	69	4,380	157	997	3,226
	Painting, lacquering, and enameling on metals.....	316	192	95	29	2,553	351	910	1,292
3643	Current-carrying wiring devices:								
	Ferrous foundry.....	1	-	1	-	(D)	-	(D)	-
	Nonferrous foundry (except die casting).....	7	5	-	2	(D)	(D)	-	(D)
	Nonferrous die casting.....	2	1	1	-	(D)	(D)	(D)	-

See footnotes at end of table.



TABLE 1A. Selected Metalworking Operations, by Industry and Operation: 1967—Continued

Code	Industry and operation	Number of establishments				Employment in the specified operation			
		Total	Number of production workers <sup>1</sup>			Total	Number of production workers <sup>1</sup>		
			1 to 4	5 to 19	20 or more		1 to 4	5 to 19	20 or more
3643	Current-carrying wiring devices--Continued								
	Electroplating and other plating.....	40	21	13	6	431	41	133	257
	Galvanizing and other hot-dip coating.....	8	5	3	-	31	8	23	-
	Heat treating of metals.....	17	15	2	-	31	(D)	(D)	-
	Automatic screw machine department.....	27	14	8	5	343	23	83	237
	Machine shop.....	70	28	23	19	1,199	57	218	924
	Tool and die shop.....	71	31	23	17	1,045	60	222	763
	Foundry pattern shop.....	1	1	-	-	(D)	(D)	-	-
	Plate or structural fabrication.....	9	4	2	3	561	9	(D)	(D)
	Stamping, blanking, and forming of metals.....	91	43	25	23	2,337	94	242	2,001
	Painting, lacquering, and enameling on metals.....	26	20	5	1	96	29	(D)	(D)
	Plastics molding.....	38	12	14	12	982	26	155	801
	Assembly of product.....	127	16	37	74	10,279	30	387	9,862
	Shipping department, including packing and crating....	116	81	25	10	611	128	195	288
3644	Noncurrent-carrying wiring devices:								
	Ferrous foundry.....	6	-	2	4	471	-	(D)	(D)
	Nonferrous foundry (except die casting).....	7	-	4	3	229	-	55	174
	Nonferrous die casting.....	11	4	5	2	159	8	(D)	(D)
	Forging--presses, hammers, or upsetters.....	12	-	5	7	588	-	67	521
	Electroplating and other plating.....	13	6	4	3	178	17	55	106
	Galvanizing and other hot-dip coating.....	19	3	5	11	727	7	39	681
	Heat treating of metals.....	9	4	4	1	118	5	(D)	(D)
	Automatic screw machine department.....	4	2	1	1	(D)	(D)	(D)	(D)
	Machine shop.....	50	12	20	18	1,235	26	203	1,006
	Tool and die shop.....	35	22	10	3	248	46	97	105
	Foundry pattern shop.....	7	3	2	2	154	(D)	(D)	(D)
	Plate or structural fabrication.....	16	5	4	7	708	8	35	665
	Stamping, blanking, and forming of metals.....	58	16	16	26	1,893	31	183	1,679
	Painting, lacquering, and enameling on metals.....	35	20	10	5	333	41	85	207
	Plastics molding.....	7	3	1	3	90	(D)	(D)	79
	Assembly of product.....	66	15	20	31	2,982	34	213	2,735
	Shipping department, including packing and crating....	63	30	20	13	741	55	196	490
3651	Radio and TV receiving sets:								
	Nonferrous die casting.....	8	3	2	3	137	7	(D)	(D)
	Electroplating and other plating.....	14	7	5	2	277	17	(D)	(D)
	Galvanizing and other hot-dip coating.....	2	2	-	-	(D)	(D)	-	-
	Heat treating of metals.....	5	5	-	-	9	9	-	-
	Automatic screw machine department.....	8	2	3	3	135	(D)	(D)	104
	Machine shop.....	47	12	15	20	833	22	147	664
	Tool and die shop.....	43	17	19	7	643	35	161	447
	Stamping, blanking, and forming of metals.....	50	16	18	16	1,089	38	209	842
	Painting, lacquering, and enameling on metals.....	30	16	11	3	297	42	116	139
	Assembly of product.....	124	5	13	106	65,306	11	159	65,136
	Shipping department, including packing and crating....	101	47	33	21	1,351	97	312	942
3661	Telephone and telegraph apparatus:								
	Nonferrous die casting.....	3	-	1	2	(D)	-	(D)	(D)
	Electroplating and other plating.....	25	5	8	12	615	11	73	531
	Galvanizing and other hot-dip coating.....	3	2	-	1	(D)	(D)	-	(D)
	Heat treating of metals.....	19	5	8	6	275	14	84	177
	Automatic screw machine department.....	19	2	8	9	705	7	89	609
	Machine shop.....	34	5	10	19	3,888	7	113	3,768
	Tool and die shop.....	29	3	8	18	2,147	6	100	2,041
	Plate or structural fabrication.....	14	2	4	8	797	(D)	(D)	753
	Stamping, blanking, and forming of metals.....	38	6	8	24	2,977	16	97	2,864
	Painting, lacquering, and enameling on metals.....	29	6	13	10	540	11	138	391
	Plastics molding.....	18	3	3	12	2,065	3	28	2,034
	Assembly of product.....	50	3	11	36	49,034	5	139	48,890
	Shipping department, including packing and crating....	46	19	13	14	1,191	39	134	1,018
3662	Radio and TV communication equipment:								
	Nonferrous die casting.....	5	3	1	1	49	(D)	(D)	(D)
	Electroplating and other plating.....	114	51	38	25	1,583	92	360	1,131
	Galvanizing and other hot-dip coating.....	24	17	3	4	281	29	38	214
	Heat treating of metals.....	54	45	6	3	214	78	49	87
	Automatic screw machine department.....	56	29	17	10	651	64	157	430
	Machine shop.....	405	145	124	136	15,292	327	1,215	13,750
	Tool and die shop.....	143	74	28	41	2,808	147	260	2,401
	Plate or structural fabrication.....	69	29	12	28	3,302	54	123	3,125
	Stamping, blanking, and forming of metals.....	200	103	52	45	3,318	202	474	2,642
	Painting, lacquering, and enameling on metals.....	242	178	40	24	1,710	281	360	1,069
	Plastics molding.....	66	41	18	7	679	70	171	438
	Assembly of product.....	572	79	140	353	103,070	161	1,512	101,397
	Shipping department, including packing and crating....	456	313	98	45	3,517	508	937	2,072
3671	Electron tubes, receiving type:								
	Electroplating and other plating.....	3	-	2	1	(D)	-	(D)	(D)
	Heat treating of metals.....	5	5	-	-	11	11	-	-

See footnotes at end of table.

TABLE 1A. Selected Metalworking Operations, by Industry and Operation: 1967—Continued

Code	Industry and operation	Number of establishments				Employment in the specified operation			
		Total	Number of production workers <sup>1</sup>			Total	Number of production workers <sup>1</sup>		
			1 to 4	5 to 19	20 or more		1 to 4	5 to 19	20 or more
3671	Electron tubes, receiving type--Continued:								
	Machine shop.....	5	1	2	2	(D)	(D)	(D)	(D)
	Tool and die shop.....	3	-	1	2	(D)	-	(D)	(D)
	Stamping, blanking, and forming of metals.....	3	-	2	1	(D)	-	(D)	(D)
	Painting, lacquering, and enameling on metals.....	2	2	-	-	(D)	(D)	-	-
	Plastics molding.....	1	1	-	-	(D)	(D)	-	-
	Assembly of product.....	12	-	-	12	11,140	-	-	11,140
	Shipping department, including packing and crating....	8	3	1	4	152	(D)	(D)	139
3672	Cathode ray picture tubes:								
	Electroplating and other plating.....	2	1	1	-	(D)	(D)	(D)	-
	Heat treating of metals.....	1	-	-	1	(D)	-	-	(D)
	Machine shop.....	5	-	3	2	199	-	(D)	(D)
	Tool and die shop.....	1	-	-	1	(D)	-	-	(D)
	Stamping, blanking, and forming of metals.....	4	1	1	2	145	(D)	(D)	(D)
	Painting, lacquering, and enameling on metals.....	1	-	1	-	(D)	-	(D)	-
	Assembly of product.....	14	-	3	11	14,491	-	44	14,447
	Shipping department, including packing and crating....	13	6	1	6	380	(D)	(D)	357
3673	Electron tubes, transmitting:								
	Electroplating and other plating.....	14	7	6	1	109	21	(D)	(D)
	Galvanizing and other hot-dip coating.....	2	2	-	-	(D)	(D)	-	-
	Heat treating of metals.....	8	4	3	1	45	7	(D)	(D)
	Automatic screw machine department.....	1	1	-	-	(D)	(D)	-	-
	Machine shop.....	24	5	6	13	1,212	9	58	1,145
	Tool and die shop.....	9	4	2	3	154	(D)	(D)	130
	Plate or structural fabrication.....	1	-	-	1	(D)	-	-	(D)
	Stamping, blanking, and forming of metals.....	12	3	6	3	290	5	(D)	(D)
	Painting, lacquering, and enameling on metals.....	14	12	1	1	85	(D)	(D)	(D)
	Assembly of product.....	23	-	-	23	4,948	-	-	4,948
	Shipping department, including packing and crating....	20	11	8	1	165	20	(D)	(D)
3674	Semiconductors:								
	Electroplating and other plating.....	38	18	15	5	428	39	152	237
	Galvanizing and other hot-dip coating.....	2	1	1	-	(D)	(D)	(D)	-
	Heat treating of metals.....	5	5	-	-	10	10	-	-
	Automatic screw machine department.....	7	4	3	-	44	(D)	(D)	-
	Machine shop.....	44	12	20	12	1,172	31	225	916
	Tool and die shop.....	18	8	7	3	383	16	(D)	(D)
	Plate or structural fabrication.....	3	2	1	-	10	(D)	(D)	-
	Stamping, blanking, and forming of metals.....	13	8	4	1	110	13	(D)	(D)
	Painting, lacquering, and enameling on metals.....	10	4	4	2	234	7	(D)	(D)
	Plastics molding.....	8	3	4	1	78	5	(D)	(D)
	Assembly of product.....	85	2	8	75	41,262	(D)	(D)	41,167
	Shipping department, including packing and crating....	65	36	19	10	737	62	164	511
3679	Electronic components, n.e.c.:								
	Nonferrous die casting.....	6	3	-	3	113	6	-	107
	Electroplating and other plating.....	184	107	56	21	1,811	201	540	1,070
	Galvanizing and other hot-dip coating.....	31	29	2	-	64	(D)	(D)	-
	Heat treating of metals.....	55	46	4	5	291	59	44	188
	Automatic screw machine department.....	78	32	25	21	1,959	68	210	1,681
	Machine shop.....	448	198	163	87	6,897	401	1,435	5,061
	Tool and die shop.....	209	107	77	25	2,317	207	726	1,384
	Plate or structural fabrication.....	31	23	7	1	153	51	(D)	(D)
	Stamping, blanking, and forming of metals.....	209	109	60	40	2,381	227	534	1,620
	Painting, lacquering, and enameling on metals.....	165	139	21	5	545	219	143	183
	Plastics molding.....	162	84	45	33	3,221	155	447	2,619
	Assembly of product.....	706	79	138	489	88,217	154	1,454	86,609
	Shipping department, including packing and crating....	598	445	111	42	3,367	750	920	1,697
3691	Storage batteries:								
	Ferrous foundry.....	1	1	-	-	(D)	(D)	-	-
	Nonferrous foundry (except die casting).....	6	4	2	-	23	(D)	(D)	-
	Nonferrous die casting.....	12	12	-	-	23	23	-	-
	Heat treating of metals.....	6	5	1	-	23	(D)	(D)	-
	Machine shop.....	16	4	6	6	293	6	73	214
	Tool and die shop.....	2	-	2	-	(D)	-	(D)	-
	Stamping, blanking, and forming of metals.....	11	8	1	2	87	14	(D)	(D)
	Painting, lacquering, and enameling on metals.....	8	8	-	-	13	13	-	-
3692	Primary batteries, dry and wet:								
	Nonferrous foundry (except die casting).....	1	-	1	-	(D)	-	(D)	-
	Heat treating of metals.....	1	-	1	-	(D)	-	(D)	-
	Machine shop.....	17	4	10	3	243	14	108	121
	Tool and die shop.....	6	1	5	-	42	(D)	(D)	-
	Stamping, blanking, and forming of metals.....	5	2	2	1	127	(D)	(D)	(D)
3693	X-ray apparatus and tubes:								
	Machine shop.....	29	6	16	7	552	16	182	354
	Tool and die shop.....	11	6	5	-	65	10	55	-

See footnotes at end of table.



TABLE 1A. Selected Metalworking Operations, by Industry and Operation: 1967-Continued

Code	Industry and operation	Number of establishments				Employment in the specified operation			
		Total	Number of production workers <sup>1</sup>			Total	Number of production workers <sup>1</sup>		
			1 to 4	5 to 19	20 or more		1 to 4	5 to 19	20 or more
3693	X-ray apparatus and tubes-Continued:								
	Plate or structural fabrication.....	6	2	3	1	54	(D)	(D)	(D)
	Stamping, blanking, and forming of metals.....	18	6	7	5	300	12	65	223
	Painting, lacquering, and enameling on metals.....	19	10	6	3	175	16	53	106
	All other operations such as maintenance, warehousing, etc.....	2	1	-	1	(D)	(D)	-	(D)
3694	Engine electrical equipment:								
	Ferrous foundry.....	2	1	-	1	(D)	(D)	-	(D)
	Nonferrous foundry (except die casting).....	2	1	1	-	(D)	(D)	(D)	-
	Nonferrous die casting.....	9	2	3	4	377	(D)	(D)	341
	Electroplating and other plating.....	24	11	10	3	242	23	93	126
	Galvanizing and other hot-dip coating.....	6	3	3	-	33	4	29	-
	Heat treating of metals.....	14	11	2	1	103	24	(D)	(D)
	Automatic screw machine department.....	25	9	8	8	709	16	69	624
	Machine shop.....	48	17	15	16	1,686	31	145	1,510
	Tool and die shop.....	37	11	17	9	1,811	27	173	1,611
	Stamping, blanking, and forming of metals.....	48	20	14	14	1,532	32	132	1,368
	Painting, lacquering, and enameling on metals.....	46	35	10	1	172	61	(D)	(D)
3699	Electrical equipment, n.e.c.:								
	Machine shop.....	36	18	12	6	290	26	124	140
	Stamping, blanking, and forming of metals.....	25	16	6	3	350	29	50	271
	Painting, lacquering, and enameling on metals.....	20	17	3	-	46	22	24	-
3711	Motor vehicles:								
	Ferrous foundry.....	4	-	-	4	(D)	-	-	(D)
	Nonferrous die casting.....	2	-	1	1	(D)	-	(D)	(D)
	Forging--presses, hammers, or upsetters.....	5	1	-	4	566	(D)	-	(D)
	Electroplating and other plating.....	10	3	4	3	(D)	(D)	39	(D)
	Galvanizing and other hot-dip coating.....	2	-	1	1	(D)	-	(D)	(D)
	Heat treating of metals.....	16	5	4	7	592	8	37	547
	Automatic screw machine department.....	11	4	4	3	(D)	7	45	(D)
	Machine shop.....	42	8	10	24	12,290	9	91	12,190
	Tool and die shop.....	51	12	11	28	5,355	19	120	5,216
	Foundry pattern shop.....	6	2	2	2	129	(D)	(D)	(D)
	Plate or structural fabrication.....	17	4	4	9	639	6	56	577
	Stamping, blanking, and forming of metals.....	39	8	6	25	7,537	11	47	7,479
	Painting, lacquering, and enameling on metals.....	84	12	12	60	14,909	16	108	14,785
	Plastics molding.....	7	2	2	3	138	(D)	(D)	118
	Assembly of product.....	92	9	8	75	119,618	10	72	119,536
	Shipping department, including packing and crating....	75	25	16	34	5,626	37	192	5,397
3713	Truck and bus bodies:								
	Ferrous foundry.....	2	2	-	-	(D)	(D)	-	-
	Nonferrous foundry (except die casting).....	2	2	-	-	(D)	(D)	-	-
	Forging--presses, hammers, or upsetters.....	9	6	2	1	125	(D)	(D)	(D)
	Electroplating and other plating.....	1	1	-	-	(D)	(D)	-	-
	Galvanizing and other hot-dip coating.....	3	1	1	1	(D)	(D)	(D)	(D)
	Heat treating of metals.....	8	7	1	-	26	(D)	(D)	-
	Automatic screw machine department.....	4	3	-	1	(D)	(D)	-	(D)
	Machine shop.....	71	38	20	13	1,045	79	196	770
	Tool and die shop.....	29	12	13	4	274	21	117	136
	Foundry pattern shop.....	7	5	2	-	(D)	(D)	(D)	-
	Plate or structural fabrication.....	100	54	33	13	906	102	321	483
	Stamping, blanking, and forming of metals.....	123	60	39	24	1,839	128	320	1,391
	Painting, lacquering, and enameling on metals.....	187	138	33	16	1,288	256	276	756
	Plastics molding.....	7	2	4	1	(D)	(D)	(D)	(D)
	Assembly of product.....	189	39	70	80	7,694	66	738	6,890
	Shipping department, including packing and crating....	122	94	24	4	475	160	205	110
3714	Motor vehicle parts and accessories:								
	Ferrous foundry.....	16	3	3	10	3,834	4	30	3,800
	Nonferrous foundry (except die casting).....	9	2	6	1	197	(D)	(D)	(D)
	Nonferrous die casting.....	23	4	7	12	938	10	98	830
	Forging--presses, hammers, or upsetters.....	44	16	16	12	1,504	38	180	1,286
	Electroplating and other plating.....	98	40	32	26	1,699	78	288	1,333
	Galvanizing and other hot-dip coating.....	20	10	7	3	680	16	(D)	(D)
	Heat treating of metals.....	135	54	32	49	3,671	121	298	3,252
	Automatic screw machine department.....	125	37	42	46	3,457	73	464	2,920
	Machine shop.....	377	83	103	191	57,438	154	1,014	56,270
	Tool and die shop.....	245	82	75	88	12,047	170	783	11,094
	Foundry pattern shop.....	10	1	6	3	221	(D)	(D)	(D)
	Plate or structural fabrication.....	41	12	19	10	862	22	175	665
	Stamping, blanking, and forming of metals.....	311	74	85	152	22,532	170	864	21,498
	Painting, lacquering, and enameling on metals.....	258	175	59	24	1,988	295	542	1,151
	Plastics molding.....	30	8	10	12	1,514	16	116	1,382
	Assembly of product.....	456	79	107	270	73,243	171	1,149	71,923
	Shipping department, including packing and crating....	504	251	132	121	9,309	494	1,236	7,579
	All other operations such as maintenance, warehousing, etc.....	4	2	-	2	(D)	(D)	-	(D)

See footnotes at end of table.



TABLE 1A. Selected Metalworking Operations, by Industry and Operation: 1967—Continued

Code	Industry and operation	Number of establishments				Employment in the specified operation			
		Total	Number of production workers <sup>1</sup>			Total	Number of production workers <sup>1</sup>		
			1 to 4	5 to 19	20 or more		1 to 4	5 to 19	20 or more
3715	Truck trailers:								
	Nonferrous foundry (except die casting).....	1	-	-	1	(D)	-	-	(D)
	Forging--presses, hammers, or upsetters.....	2	-	2	-	(D)	-	(D)	-
	Galvanizing and other hot-dip coating.....	1	-	1	-	(D)	-	(D)	-
	Heat treating of metals.....	5	3	2	-	20	(D)	(D)	-
	Automatic screw machine department.....	1	1	-	-	(D)	(D)	-	-
	Machine shop.....	38	18	16	4	285	34	(D)	126
	Tool and die shop.....	17	9	2	6	224	(D)	(D)	191
	Foundry pattern shop.....	3	2	1	-	(D)	(D)	(D)	-
	Plate or structural fabrication.....	55	13	20	22	1,159	28	184	947
	Stamping, blanking, and forming of metals.....	54	21	18	15	864	42	191	631
	Painting, lacquering, and enameling on metals.....	73	46	21	6	508	76	209	223
	Plastics molding.....	1	1	-	-	(D)	(D)	-	-
	Assembly of product.....	76	9	13	54	6,571	13	132	6,426
	Shipping department, including packing and crating....	58	44	13	1	255	82	(D)	(D)
3721	Aircraft:								
	Ferrous foundry.....	3	-	1	2	(D)	-	(D)	(D)
	Nonferrous foundry (except die casting).....	9	2	3	4	273	(D)	(D)	249
	Forging--presses, hammers, or upsetters.....	9	1	1	7	1,065	(D)	(D)	(D)
	Electroplating and other plating.....	23	6	9	8	760	10	96	654
	Galvanizing and other hot-dip coating.....	8	1	1	6	354	(D)	(D)	(D)
	Heat treating of metals.....	23	6	6	11	615	13	68	534
	Automatic screw machine department.....	13	7	4	2	209	18	(D)	(D)
	Machine shop.....	49	8	10	31	15,571	22	91	15,458
	Tool and die shop.....	29	5	3	21	7,125	11	24	7,090
	Foundry pattern shop.....	15	4	3	8	1,269	14	41	1,214
	Plate or structural fabrication.....	29	6	5	18	6,293	11	51	6,231
	Stamping, blanking, and forming of metals.....	38	4	11	23	6,510	11	101	6,398
	Painting, lacquering, and enameling on metals.....	34	8	6	20	3,345	14	73	3,258
	Plastics molding.....	27	6	6	15	1,717	13	56	1,648
	Assembly of product.....	44	7	6	31	59,126	13	63	59,050
	Shipping department, including packing and crating....	40	19	5	16	1,812	35	43	1,734
3722	Aircraft engines and engine parts:								
	Ferrous foundry.....	3	-	2	1	49	-	(D)	(D)
	Nonferrous foundry (except die casting).....	5	-	4	1	66	-	(D)	(D)
	Forging--presses, hammers, or upsetters.....	14	5	3	6	1,340	10	38	1,292
	Electroplating and other plating.....	37	17	7	13	1,353	38	59	1,256
	Galvanizing and other hot-dip coating.....	6	4	1	1	(D)	(D)	(D)	(D)
	Heat treating of metals.....	61	30	15	16	1,452	62	126	1,264
	Automatic screw machine department.....	31	12	14	5	790	26	112	652
	Machine shop.....	144	10	26	108	36,639	14	264	36,361
	Tool and die shop.....	78	20	27	31	4,975	40	249	4,686
	Foundry pattern shop.....	8	4	3	1	80	6	(D)	(D)
	Plate or structural fabrication.....	19	8	3	8	960	12	29	919
	Stamping, blanking, and forming of metals.....	46	15	18	13	1,084	27	178	879
	Painting, lacquering, and enameling on metals.....	40	25	9	6	564	57	77	430
	Plastics molding.....	13	8	3	2	251	(D)	(D)	(D)
	Assembly of product.....	96	20	28	48	10,914	37	302	10,575
	Shipping department, including packing and crating....	129	73	39	17	1,784	128	337	1,319
3729	Aircraft equipment, n.e.c.:								
	Ferrous foundry.....	1	-	-	1	(D)	-	-	(D)
	Nonferrous foundry (except die casting).....	6	-	6	6	265	-	-	265
	Forging--presses, hammers, or upsetters.....	9	2	4	3	387	(D)	(D)	(D)
	Electroplating and other plating.....	73	35	23	15	759	70	201	488
	Galvanizing and other hot-dip coating.....	6	3	2	1	67	5	(D)	(D)
	Heat treating of metals.....	79	38	25	16	878	57	250	571
	Automatic screw machine department.....	61	29	28	4	460	53	271	136
	Machine shop.....	414	47	125	242	34,424	73	1,355	32,996
	Tool and die shop.....	155	68	47	40	6,035	158	455	5,422
	Foundry pattern shop.....	19	8	6	5	487	17	47	423
	Plate or structural fabrication.....	42	11	13	18	1,482	29	120	1,333
	Stamping, blanking, and forming of metals.....	124	40	45	39	5,907	82	424	5,401
	Painting, lacquering, and enameling on metals.....	140	92	31	17	1,571	168	243	1,160
	Plastics molding.....	44	18	15	11	1,513	33	165	1,315
	Assembly of product.....	269	76	62	131	22,776	157	618	22,001
	Shipping department, including packing and crating....	315	209	87	19	2,054	348	834	872
	All other operations such as maintenance, warehousing, etc. ....	5	3	-	2	(D)	(D)	-	(D)
3731	Ship building and repairing:								
	Ferrous foundry.....	3	1	-	2	(D)	(D)	-	(D)
	Nonferrous foundry (except die casting).....	5	2	1	2	131	(D)	(D)	(D)
	Forging--presses, hammers, or upsetters.....	19	11	6	2	164	25	(D)	(D)
	Heat treating of metals.....	26	14	10	2	236	33	(D)	(D)
	Machine shop.....	151	56	37	58	6,594	106	405	6,083
	Tool and die shop.....	10	5	1	4	248	9	(D)	(D)
	Foundry pattern shop.....	21	14	5	2	137	25	(D)	(D)
	Plate or structural fabrication.....	121	22	26	73	19,274	44	308	18,922

See footnotes at end of table.

TABLE 1A. Selected Metalworking Operations, by Industry and Operation: 1967—Continued

Code	Industry and operation	Number of establishments				Employment in the specified operation			
		Total	Number of production workers <sup>1</sup>			Total	Number of production workers <sup>1</sup>		
			1 to 4	5 to 19	20 or more		1 to 4	5 to 19	20 or more
3731	Ship building and repairing—Continued								
	Stamping, blanking, and forming of metals.....	28	12	5	11	1,494	19	48	1,427
	Painting, lacquering, and enameling on metals.....	108	42	33	33	4,190	85	324	3,781
	Plastics molding.....	10	5	3	2	141	9	(D)	(D)
3732	Boat building and repairing:								
	Ferrous foundry.....	2	2	-	-	(D)	(D)	-	-
	Nonferrous foundry (except die casting).....	2	1	1	-	(D)	(D)	(D)	-
	Forging--presses, hammers, or upsetters.....	1	1	-	-	(D)	(D)	-	-
	Heat treating of metals.....	6	3	2	1	53	7	(D)	(D)
	Machine shop.....	83	53	25	5	460	117	189	154
	Tool and die shop.....	15	12	2	1	64	27	(D)	(D)
	Foundry pattern shop.....	15	12	3	-	39	18	21	-
	Plate or structural fabrication.....	36	11	19	6	470	20	181	269
	Stamping, blanking, and forming of metals.....	28	14	10	4	240	32	74	134
	Painting, lacquering, and enameling on metals.....	68	47	18	3	390	88	142	160
	Plastics molding.....	72	19	27	26	2,090	43	298	1,749
3741	Locomotives and parts:								
	Ferrous foundry.....	1	-	-	1	(D)	-	-	(D)
	Automatic screw machine department.....	3	1	2	-	(D)	(D)	(D)	-
	Machine shop.....	12	4	2	6	2,271	(D)	(D)	2,240
	Tool and die shop.....	9	4	2	3	(D)	10	(D)	(D)
	Plate or structural fabrication.....	6	1	1	4	1,818	(D)	(D)	(D)
	Stamping, blanking, and forming of metals.....	6	1	1	4	268	(D)	(D)	(D)
	Painting, lacquering, and enameling on metals.....	9	6	-	3	166	6	-	160
	Assembly of product.....	12	3	2	7	2,226	(D)	(D)	2,196
3742	Railroad and street cars:								
	Ferrous foundry.....	6	1	-	5	1,153	(D)	-	(D)
	Nonferrous foundry (except die casting).....	2	-	1	1	(D)	-	(D)	(D)
	Forging--presses, hammers, or upsetters.....	16	1	5	10	485	(D)	(D)	425
	Automatic screw machine department.....	5	3	-	2	(D)	(D)	-	(D)
	Machine shop.....	37	10	14	13	2,196	16	159	2,021
	Tool and die shop.....	23	6	9	8	(D)	9	93	(D)
	Plate or structural fabrication.....	45	6	10	29	3,285	9	95	3,181
	Stamping, blanking, and forming of metals.....	35	5	10	20	1,443	9	111	1,323
	Painting, lacquering, and enameling on metals.....	47	18	13	16	1,159	30	115	1,014
	Assembly of product.....	56	8	13	35	10,378	13	118	10,247
3751	Motorcycles, bicycles, and parts:								
	Electroplating and other plating.....	9	1	5	3	300	(D)	(D)	256
	Automatic screw machine department.....	7	2	3	2	117	(D)	(D)	(D)
	Machine shop.....	28	13	6	9	720	36	75	609
	Tool and die shop.....	13	6	4	3	218	11	44	163
	Stamping, blanking, and forming of metals.....	27	5	8	14	1,041	6	92	943
	Painting, lacquering, and enameling on metals.....	24	9	6	9	377	18	59	300
	Assembly of product.....	30	7	4	19	2,660	10	47	2,603
3791	Trailer coaches:								
	Ferrous foundry.....	1	1	-	-	(D)	(D)	-	-
	Nonferrous foundry (except die casting).....	2	2	-	-	(D)	(D)	-	-
	Nonferrous die casting.....	1	1	-	-	(D)	(D)	-	-
	Forging--presses, hammers, or upsetters.....	1	1	-	-	(D)	(D)	-	-
	Electroplating and other plating.....	1	1	-	-	(D)	(D)	-	-
	Galvanizing and other hot-dip coating.....	1	1	-	-	(D)	(D)	-	-
	Heat treating of metals.....	-	-	-	-	-	-	-	-
	Automatic screw machine department.....	5	5	-	-	8	8	-	-
	Machine shop.....	2	2	-	-	(D)	(D)	-	-
	Tool and die shop.....	4	4	-	-	5	5	-	-
	Foundry pattern shop.....	6	4	2	-	20	(D)	(D)	-
	Plate or structural fabrication.....	23	19	3	1	169	(D)	(D)	(D)
	Stamping, blanking, and forming of metals.....	51	31	9	11	572	50	89	433
	Painting, lacquering, and enameling on metals.....	51	44	3	4	378	(D)	(D)	(D)
	Assembly of product.....	218	43	45	130	10,201	62	554	9,585
3799	Transportation equipment, n.e.c.:								
	Electroplating and other plating.....	4	2	1	1	(D)	4	(D)	(D)
	Automatic screw machine department.....	6	5	1	-	14	(D)	(D)	-
	Machine shop.....	49	26	18	5	(D)	54	170	(D)
	Tool and die shop.....	26	22	4	-	81	43	38	-
	Stamping, blanking, and forming of metals.....	80	32	36	12	855	68	324	463
	Painting, lacquering, and enameling on metals.....	94	71	22	1	356	135	(D)	(D)
	Assembly of product.....	128	32	56	40	2,656	60	570	2,026
3811	Engineering and scientific instruments:								
	Ferrous foundry.....	1	1	-	-	(D)	(D)	-	-
	Nonferrous die casting.....	2	1	-	1	(D)	(D)	-	(D)
	Electroplating and other plating.....	22	20	2	-	58	(D)	(D)	-
	Heat treating of metals.....	16	14	2	-	34	(D)	(D)	-
	Automatic screw machine department.....	22	14	8	-	(D)	28	(D)	-

See footnotes at end of table.



TABLE 1A. Selected Metalworking Operations, by Industry and Operation: 1967—Continued

Code	Industry and operation	Number of establishments				Employment in the specified operation			
		Total	Number of production workers <sup>1</sup>			Total	Number of production workers <sup>1</sup>		
			1 to 4	5 to 19	20 or more		1 to 4	5 to 19	20 or more
3811	Engineering and scientific instruments--Continued:								
	Machine shop.....	181	65	75	41	2,975	153	757	2,065
	Tool and die shop.....	33	24	6	3	197	46	38	111
	Foundry pattern shop.....	3	2	1	-	(D)	(D)	(D)	-
	Stamping, blanking, and forming of metals.....	73	44	22	7	712	82	191	439
	Painting, lacquering, and enameling on metals.....	97	78	17	2	330	121	(D)	(D)
	Plastics molding.....	17	15	-	2	208	(D)	-	(D)
3821	Mechanical measuring devices:								
	Ferrous foundry.....	2	-	-	2	(D)	-	-	(D)
	Nonferrous foundry (except die casting).....	5	-	1	4	(D)	-	(D)	(D)
	Nonferrous die casting.....	11	8	1	2	(D)	(D)	(D)	(D)
	Electroplating and other plating.....	35	23	7	5	290	36	69	185
	Heat treating of metals.....	38	32	4	2	123	45	(D)	(D)
	Automatic screw machine department.....	67	35	19	13	766	62	181	523
	Machine shop.....	217	69	83	65	5,234	157	793	4,284
	Tool and die shop.....	87	50	25	12	802	109	237	455
	Foundry pattern shop.....	4	3	1	-	(D)	4	(D)	-
	Stamping, blanking, and forming of metals.....	100	60	29	11	807	113	235	459
	Painting, lacquering, and enameling on metals.....	139	112	18	9	607	175	146	286
	Plastics molding.....	19	14	3	2	147	24	(D)	(D)
3822	Automatic temperature controls:								
	Nonferrous foundry (except die casting).....	2	-	1	1	(D)	-	(D)	(D)
	Nonferrous die casting.....	8	1	2	5	243	(D)	(D)	219
	Electroplating and other plating.....	17	7	8	2	163	18	(D)	(D)
	Heat treating of metals.....	18	13	2	3	116	27	(D)	(D)
	Automatic screw machine department.....	26	7	9	10	480	12	113	355
	Machine shop.....	40	12	8	20	1,721	26	74	1,621
	Tool and die shop.....	30	8	10	12	710	12	101	597
	Stamping, blanking, and forming of metals.....	33	12	8	13	676	16	86	574
	Painting, lacquering, and enameling on metals.....	21	12	5	4	183	23	60	100
	Plastics molding.....	9	3	3	3	280	5	30	245
3871	Watches and clocks:								
	Electroplating and other plating.....	17	5	8	4	276	7	84	185
	Heat treating of metals.....	12	7	4	1	64	7	(D)	(D)
	Automatic screw machine department.....	21	9	5	7	529	17	52	460
	Machine shop.....	24	11	9	4	475	23	98	354
	Tool and die shop.....	21	10	6	5	236	19	57	160
	Stamping, blanking, and forming of metals.....	35	17	10	8	411	30	114	267
3872	Watchcases:								
	Electroplating and other plating.....	12	6	6	-	61	10	51	-
	Heat treating of metals.....	12	12	-	-	18	18	-	-
	Automatic screw machine department.....	2	1	1	-	(D)	(D)	(D)	-
	Machine shop.....	6	3	2	1	151	(D)	(D)	(D)
	Tool and die shop.....	12	7	3	2	77	14	(D)	(D)
	Stamping, blanking, and forming of metals.....	18	5	7	6	274	6	67	201

Note: Very small establishments were excluded from the mail portion of the 1967 Census of Manufactures and, in some instances, a few larger establishments failed to report data for metalworking operations. The significance of this undercoverage is shown in table 1C.

Standard notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

<sup>1</sup>These size groups are based on the number of employees engaged in each specific operation. They are not based on total employment in the establishment.

<sup>2</sup>See table 1C, footnote 1.



TABLE 1B. Selected Metalworking Operations--Operation by Industry: 1967

Code	Item	Number of--									
		Estab- lishments	Production workers	Estab- lishments	Production workers	Estab- lishments	Production workers	Estab- lishments	Production workers	Estab- lishments	Production workers
		FERROUS FOUNDRY		NONFERROUS FOUNDRY		NONFERROUS DIE CASTING		FORGING--PRESSES, HAMMERS OR UPSETTERS		ELECTROPLATING AND OTHER PLATING	
	All industries, total.....	1,402	183,751	1,289	32,724	695	28,520	<sup>1</sup> 957	<sup>1</sup> 32,690	<sup>2</sup> 2,389	<sup>2</sup> 27,186
19	Ordnance and accessories.....	1	(D)	5	22	3	6	22	1,106	47	735
33	Primary metal industries.....	913	139,229	701	21,494	280	20,238	188	15,966	(NA)	(NA)
34	Fabricated metal products.....	125	10,694	200	5,354	122	2,594	327	4,796	629	7,719
35	Machinery, except electrical.....	295	23,190	271	3,597	85	1,690	273	4,466	379	3,063
36	Electrical equipment and supplies.....	24	1,269	62	1,003	158	2,659	18	702	973	8,886
37	Transportation equipment.....	42	8,828	43	1,050	26	986	129	5,654	256	5,935
38	Instruments and related products.....	3	(D)	7	204	21	347	(NA)	(NA)	103	848
19	Ordnance and accessories, total.....	1	(D)	5	22	3	6	22	1,106	47	735
1925	Complete guided missiles.....	(NA)	(NA)	3	(D)	(NA)	(NA)	2	(D)	12	417
1929	Ammunition, except for small arms.....	(NA)	(NA)	1	(D)	(NA)	(NA)	12	938	11	78
1931	Tanks and tank components.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	4	(D)
1951	Small arms.....	(NA)	(NA)	(NA)	(NA)	2	(D)	5	(D)	7	86
1961	Small arms ammunition.....	(NA)	(NA)	1	(D)	(NA)	(NA)	2	(D)	4	53
1911	Guns, howitzers, and mortars.....										
1999	Ordnance and accessories, n.e.c.....	1	(D)	(NA)	(NA)	1	(D)	1	37	9	82
33	Primary metal industries, total.....	913	139,229	701	21,494	280	20,238	188	15,966	(NA)	(NA)
332	Iron and steel foundries.....	881	138,216	109	2,680	7	77	(NA)	(NA)	(NA)	(NA)
3321	Gray iron foundries.....	<sup>3</sup> 639	<sup>3</sup> 87,096	70	1,177	4	(D)	(NA)	(NA)	(NA)	(NA)
3322	Malleable iron foundries.....	<sup>3</sup> 64	<sup>3</sup> 15,624	7	232	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3323	Steel foundries.....	<sup>3</sup> 178	<sup>3</sup> 35,496	32	1,271	3	(D)	(NA)	(NA)	(NA)	(NA)
336	Nonferrous foundries.....	32	1,013	592	18,814	273	20,161	(NA)	(NA)	(NA)	(NA)
3361	Aluminum castings.....	12	421	<sup>3</sup> 302	<sup>3</sup> 10,268	<sup>3</sup> 138	<sup>3</sup> 12,173	(NA)	(NA)	(NA)	(NA)
3362	Brass, bronze, and copper castings.....	16	524	<sup>3</sup> 251	<sup>3</sup> 6,619	<sup>3</sup> 18	<sup>3</sup> 522	(NA)	(NA)	(NA)	(NA)
3369	Nonferrous castings, n.e.c.....	4	68	<sup>3</sup> 39	<sup>3</sup> 1,927	<sup>3</sup> 117	<sup>3</sup> 7,466	(NA)	(NA)	(NA)	(NA)
339	Miscellaneous primary metal products....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	188	15,966	(NA)	(NA)
3391	Iron and steel forgings.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	<sup>3</sup> 158	<sup>3</sup> 12,543	(NA)	(NA)
3392	Nonferrous forgings.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	<sup>3</sup> 30	<sup>3</sup> 3,423	(NA)	(NA)
34	Fabricated metal products, total.....	125	10,694	200	5,354	122	2,594	327	4,796	629	7,719
342	Cutlery, handtools, and hardware.....	16	(D)	57	(D)	56	2,185	131	2,029	217	3,620
3421	Cutlery.....	1	(D)	2	(D)	(NA)	(NA)	17	92	15	112
3423	Hand and edge tools, n.e.c.....	2	(D)	5	26	(NA)	(NA)	82	1,547	57	357
3425	Handsaws and saw blades.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	5	35	8	31
3429	Hardware, n.e.c.....	13	261	50	722	56	2,185	27	355	137	3,120
343	Plumbing and heating, except electric...	34	4,090	31	(D)	1	(D)	5	53	50	(D)
3431	Metal sanitary ware.....	9	1,255	2	(D)	(NA)	(NA)	(NA)	(NA)	4	(D)
3432	Plumbing fittings and brass goods.....	3	211	25	1,016	1	(D)	5	53	39	681
3433	Heating equipment, except electric.....	22	2,624	4	16	(NA)	(NA)	(NA)	(NA)	7	52
344	Fabricated structural metal products....	28	(D)	17	238	12	34	73	657	48	(D)
3441	Fabricated structural steel.....	14	300	7	185	(NA)	(NA)	19	52	3	29
3442	Metal doors, sash, and trim.....	5	45	1	(D)	7	23	8	(D)	20	511
3443	Fabricated platework (boiler shops).....	6	656	4	25	(NA)	(NA)	23	384	7	9
3444	Sheet metalwork.....	3	(D)	3	(D)	5	11	12	101	12	30
3446	Architectural metalwork.....	(NA)	(NA)	2	(D)	(NA)	(NA)	9	66	3	5
3449	Miscellaneous metalwork.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	3	(D)
345	Screw machine products, bolts, etc.....	1	(D)	4	(D)	14	119	24	429	104	930
3451	Screw machine products.....	1	(D)	1	(D)	4	9	7	80	20	74
3452	Bolts, nuts, rivets, and washers.....	(NA)	(NA)	3	(D)	10	110	17	349	84	856
3461	Metal stampings.....	(NA)	(NA)	(NA)	(NA)	24	172	18	370	119	1,230
349	Miscellaneous fabricated metal products.	46	(D)	91	3,235	15	(D)	76	1,258	91	(D)
3492	Safes and vaults.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)
3493	Steel springs.....	1	(D)	(NA)	(NA)	(NA)	(NA)	21	310	2	(D)
3494	Valves and pipe fittings.....	34	4,937	64	2,971	(NA)	(NA)	31	811	34	163
3498	Fabricated pipe and fittings.....	3	39	7	27	2	(D)	8	72	11	93
3499	Fabricated metal products, n.e.c.....	8	218	20	237	13	59	16	65	42	194

See footnotes at end of table.

TABLE 1B. Selected Metalworking Operations--Operation by Industry: 1967--Continued

Code	Item	Number of--									
		Estab- lishments	Production workers	Estab- lishments	Production workers	Estab- lishments	Production workers	Estab- lishments	Production workers	Estab- lishments	Production workers
		FERROUS FOUNDRY		NONFERROUS FOUNDRY		NONFERROUS DIE CASTING		FORGING--PRESSES, HAMMERS OR UPSETTERS		ELECTROPLATING AND OTHER PLATING	
35	Machinery, except electrical, total...	295	23,190	271	3,597	85	1,690	273	4,466	379	3,063
351	Engines and turbines.....	9	(D)	5	348	5	(D)	3	(D)	16	(D)
3511	Steam engines and turbines.....	2	(D)	4	(D)	(NA)	(NA)	3	(D)	2	(D)
3519	Internal combustion engines, n.e.c.....	7	886	1	(D)	5	(D)	(NA)	(NA)	14	253
3522	Farm machinery.....	34	5,920	16	241	(NA)	(NA)	77	1,529	(NA)	(NA)
353	Construction and related machinery.....	48	5,031	14	139	(NA)	(NA)	88	1,268	(NA)	(NA)
3531	Construction machinery.....	15	3,503	4	38	(NA)	(NA)	34	815	(NA)	(NA)
3532	Mining machinery.....	14	624	4	62	(NA)	(NA)	19	117	(NA)	(NA)
3533	Oilfield machinery.....	9	454	3	(D)	(NA)	(NA)	22	262	(NA)	(NA)
3534	Elevators and moving stairways.....	2	(D)	(NA)	(NA)	(NA)	(NA)	1	(D)	(NA)	(NA)
3535	Conveyors and conveying equipment.....	3	(D)	2	(D)	(NA)	(NA)	5	7	(NA)	(NA)
3536	Hoists, cranes, and monorails.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	4	39	(NA)	(NA)
3537	Industrial trucks and tractors.....	5	99	1	(D)	(NA)	(NA)	3	(D)	(NA)	(NA)
354	Metalworking machinery.....	35	(D)	41	391	39	(D)	40	426	95	427
3541	Machine tools, metal-cutting types.....	12	1,346	1	(D)	(NA)	(NA)	3	19	13	96
3542	Machine tools, metal-forming types.....	6	384	3	(D)	3	11	6	58	5	11
3544	Special dies, tools, jigs, and fixtures...	11	232	32	291	29	267	14	192	29	139
3545	Machine tool accessories.....	1	(D)	3	7	3	(D)	9	100	32	115
3548	Metalworking machines, n.e.c.....	5	781	2	(D)	4	92	8	57	16	66
355	Special industry machinery.....	70	3,307	46	(D)	2	(D)	9	65	33	243
3551	Food products machinery.....	7	271	9	54	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3552	Textile machinery.....	18	1,225	6	36	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3553	Woodworking machinery.....	7	130	2	(D)	2	(D)	(NA)	(NA)	10	129
3554	Paper industries machinery.....	9	372	5	36	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3555	Printing trades machinery.....	5	97	6	179	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3559	Special industry machinery, n.e.c.....	24	1,212	18	121	(NA)	(NA)	9	65	23	114
356	General industrial machinery.....	46	3,886	85	1,134	2	(D)	20	(D)	41	212
3561	Pumps and compressors.....	26	2,546	17	351	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3562	Ball and roller bearings.....	2	(D)	2	(D)	(NA)	(NA)	14	430	11	69
3564	Blowers and fans.....	2	(D)	4	64	(NA)	(NA)	(NA)	(NA)	4	17
3565	Industrial patterns.....	5	55	34	236	2	(D)	(NA)	(NA)	(NA)	(NA)
3566	Power transmission equipment.....	6	982	21	435	(NA)	(NA)	2	(D)	16	82
3569	General industrial machinery, n.e.c.....	5	128	7	(D)	(NA)	(NA)	4	36	10	44
357	Office and computing machines.....	3	(D)	4	(D)	(NA)	(NA)	3	(D)	53	(D)
3572	Typewriters.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	7	279
3573	Electronic computing equipment.....	(NA)	(NA)	1	(D)	(NA)	(NA)	2	(D)	25	372
3574	Calculating and accounting machines.....	1	(D)	2	(D)	(NA)	(NA)	(NA)	(NA)	11	416
3576	Scales and balances.....	2	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)	1	(D)
3579	Office machines, n.e.c.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	9	123
358	Service industry machines.....	7	(D)	8	(D)	8	(D)	5	(D)	34	145
3581	Automatic merchandising machines.....	(NA)	(NA)	(NA)	(NA)	5	26	1	(D)	8	34
3582	Commercial laundry equipment.....	1	(D)	(NA)	(NA)	1	(D)	1	(D)	5	14
3585	Refrigeration machinery.....	4	204	3	(D)	(NA)	(NA)	(NA)	(NA)	14	81
3589	Service industry machines, n.e.c.....	2	(D)	5	19	2	(D)	3	5	7	16
3599	Miscellaneous machinery, except electrical	43	948	52	742	29	421	28	341	107	572
36	Electrical equipment and supplies, total.....	24	1,269	62	1,003	158	2,659	18	702	773	8,886
361	Electric test and distributing equipment	1	(D)	4	(D)	7	80	(NA)	(NA)	117	869
3611	Electric measuring instruments.....	(NA)	(NA)	1	(D)	7	80	(NA)	(NA)	37	286
3613	Switchgear and switchboard apparatus.....	1	(D)	3	150	(NA)	(NA)	(NA)	(NA)	80	583
362	Electrical industrial apparatus.....	3	(D)	12	(D)	55	490	3	7	46	394
3621	Motors and generators.....	2	(D)	10	147	55	490	3	7	29	132
3622	Industrial controls.....	1	(D)	2	(D)	(NA)	(NA)	(NA)	(NA)	17	262
363	Household appliances.....	9	(D)	7	(D)	22	599	3	107	64	1,119
3631	Household cooking equipment.....	7	434	1	(D)	1	(D)	(NA)	(NA)	8	106
3632	Household refrigerators and freezers.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	3	106
3633	Household laundry equipment.....	1	(D)	(NA)	(NA)	5	190	1	(D)	6	111
3634	Electric housewares and fans.....	(NA)	(NA)	6	107	12	194	(NA)	(NA)	36	607
3635	Household vacuum cleaners.....	(NA)	(NA)	(NA)	(NA)	2	(D)	(NA)	(NA)	4	105
3636	Sewing machines.....	1	(D)	(NA)	(NA)	1	(D)	1	(D)	5	(D)
3639	Household appliances, n.e.c.....	(NA)	(NA)	(NA)	(NA)	1	(D)	1	(D)	2	(D)

See footnotes at end of table.



TABLE 1B. Selected Metalworking Operations--Operation by Industry: 1967--Continued

Code	Item	Number of--									
		Estab- lishments	Production workers	Estab- lishments	Production workers	Estab- lishments	Production workers	Estab- lishments	Production workers	Estab- lishments	Production workers
		FERROUS FOUNDRY		NONFERROUS FOUNDRY		NONFERROUS DIE CASTING		FORGING--PRESSES, HAMMERS OR UPSETTERS		ELECTROPLATING AND OTHER PLATING	
36	Electrical equipment and supplies-- Continued										
364	Electric lighting and wiring equipment.....	8	(D)	30	(D)	31	(D)	12	588	128	1,363
3642	Lighting fixtures.....	1	(D)	16	109	18	441	(NA)	(NA)	75	754
3643	Current-carrying wiring devices.....	1	(D)	7	(D)	2	(D)	(NA)	(NA)	40	431
3644	Noncurrent-carrying wiring devices.....	6	471	7	229	11	159	12	588	13	178
365	Radio and TV receiving equipment.....	(NA)	(NA)	(NA)	(NA)	8	137	(NA)	(NA)	14	277
3651	Radio and TV receiving sets.....	(NA)	(NA)	(NA)	(NA)	8	137	(NA)	(NA)	14	277
366	Communication equipment.....	(NA)	(NA)	(NA)	(NA)	8	(D)	(NA)	(NA)	139	2,198
3661	Telephone and telegraph apparatus.....	(NA)	(NA)	(NA)	(NA)	3	(D)	(NA)	(NA)	25	615
3662	Radio and TV communication equipment.....	(NA)	(NA)	(NA)	(NA)	5	49	(NA)	(NA)	114	1,583
367	Electronic components and accessories.....	(NA)	(NA)	(NA)	(NA)	6	113	(NA)	(NA)	241	2,424
3671	Electron tubes, receiving type.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	3	(D)
3672	Cathode ray picture tubes.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)
3673	Electron tubes, transmitting.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	14	109
3674	Semiconductors.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	38	428
3679	Electronic components, n.e.c.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	184	1,811
369	Miscellaneous electrical equipment and supplies.....	3	(D)	9	(D)	21	400	(NA)	(NA)	24	242
3691	Storage batteries.....	1	(D)	6	23	12	23	(NA)	(NA)	(NA)	(NA)
3692	Primary batteries, dry and wet.....	(NA)	(NA)	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3694	Engine electrical equipment.....	2	(D)	2	(D)	9	377	(NA)	(NA)	24	242
37	Transportation equipment, total.....	44	8,828	43	1,050	26	986	129	5,654	218	5,935
371	Motor vehicles and equipment.....	22	(D)	12	(D)	25	(D)	60	(D)	109	(D)
3711	Motor vehicles.....	4	(D)	(NA)	(NA)	2	(D)	5	566	10	(D)
3713	Truck and bus bodies.....	2	(D)	2	(D)	(NA)	(NA)	9	125	1	(D)
3714	Motor vehicle parts and accessories.....	16	3,834	9	197	23	938	44	1,504	98	1,699
3715	Truck trailers.....	(NA)	(NA)	1	(D)	(NA)	(NA)	2	(D)	(NA)	(NA)
372	Aircraft and parts.....	7	(D)	20	604	(NA)	(NA)	32	2,792	133	2,872
3721	Aircraft.....	3	(D)	9	273	(NA)	(NA)	9	1,065	23	760
3722	Aircraft engines and engine parts.....	3	49	5	66	(NA)	(NA)	14	1,340	37	1,353
3729	Aircraft equipment, n.e.c.....	1	(D)	6	265	(NA)	(NA)	9	387	73	759
373	Ship and boat building and repairing.....	5	(D)	7	(D)	(NA)	(NA)	20	(D)	(NA)	(NA)
3731	Ship building and repairing.....	3	(D)	5	131	(NA)	(NA)	19	164	(NA)	(NA)
3732	Boat building and repairing.....	2	(D)	2	(D)	(NA)	(NA)	1	(D)	(NA)	(NA)
374	Railroad equipment.....	7	(D)	2	(D)	(NA)	(NA)	16	485	(NA)	(NA)
3741	Locomotives and parts.....	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3742	Railroad and street cars.....	6	1,153	2	(D)	(NA)	(NA)	16	485	(NA)	(NA)
3751	Motorcycles, bicycles, and parts.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	9	300
379	Miscellaneous transportation equipment.....	1	(D)	2	(D)	1	(D)	1	(D)	5	(D)
3791	Trailer coaches.....	1	(D)	2	(D)	1	(D)	1	(D)	1	(D)
3799	Transportation equipment, n.e.c.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	4	(D)
38	Instruments and related products, total.....	3	(D)	7	204	21	347	(NA)	(NA)	103	848
3811	Engineering and scientific instruments.....	1	(D)	(NA)	(NA)	2	(D)	(NA)	(NA)	22	58
382	Mechanical measuring and control devices.....	2	(D)	7	204	19	(D)	(NA)	(NA)	52	453
3821	Mechanical measuring devices.....	2	(D)	5	(D)	11	(D)	(NA)	(NA)	35	290
3822	Automatic temperature controls.....	(NA)	(NA)	2	(D)	8	243	(NA)	(NA)	17	163
387	Watches, clocks, and watchcases.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	29	337
3871	Watches and clocks.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	17	276
3872	Watchcases.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	12	61

See footnotes at end of table.



TABLE 1B. Selected Metalworking Operations--Operation by Industry: 1967--Continued

Code	Item	Number of--									
		Estab- lishments	Production workers	Estab- lishments	Production workers	Estab- lishments	Production workers	Estab- lishments	Production workers	Estab- lishments	Production workers
		GALVANIZING AND OTHER HOT-DIP COATING <sup>4</sup>		HEAT TREATING OF METALS		AUTOMATIC SCREW MACHINE DEPARTMENT		MACHINE SHOP		TOOL AND DIE SHOP	
	All industries, total.....	394	<sup>5</sup> 6,049	3,368	27,413	3,610	54,981	19,554	700,419	8,645	154,696
19	Ordnance and accessories.....	19	227	75	1,178	56	1,667	175	17,015	100	4,381
33	Primary metal industries.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	654	18,955	106	3,223
34	Fabricated metal products.....	177	1,584	1,011	5,306	1,473	24,292	3,970	73,793	2,322	30,407
35	Machinery, except electrical.....	40	212	1,432	10,754	1,273	15,056	10,517	348,862	4,027	57,555
36	Electrical equipment and supplies.....	111	1,225	395	2,277	398	6,587	2,273	60,786	1,203	19,350
37	Transportation equipment.....	47	2,801	359	7,543	272	5,493	1,497	170,452	704	37,758
38	Instruments and related products.....	(NA)	(NA)	96	355	138	1,886	468	10,556	183	2,022
19	Ordnance and accessories, total.....	19	227	75	1,178	56	1,667	175	17,015	100	4,381
1925	Complete guided missiles.....	3	103	12	173	5	117	26	4,970	18	2,218
1929	Ammunition, except for small arms.....	6	53	21	487	21	984	56	5,644	25	581
1931	Tanks and tank components.....	2	(D)	4	(D)	2	(D)	17	2,282	8	(D)
1951	Small arms.....	4	(D)	16	167	12	167	26	1,398	21	258
1961	Small arms ammunition.....	(NA)	(NA)	8	176	6	205	12	(D)	8	852
1911	Guns, howitzers, and mortars.....	4	27	14	100	10	156	38	1,732	20	274
1999	Ordnance and accessories, n.e.c.....										
33	Primary metal industries, total.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	654	18,955	106	3,223
332	Iron and steel foundries.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	268	8,959	(NA)	(NA)
3321	Gray iron foundries.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	172	4,764	(NA)	(NA)
3322	Malleable iron foundries.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	15	696	(NA)	(NA)
3323	Steel foundries.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	81	3,499	(NA)	(NA)
336	Nonferrous foundries.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	267	5,840	(NA)	(NA)
3361	Aluminum castings.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	123	2,855	(NA)	(NA)
3362	Brass, bronze, and copper castings.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	87	2,073	(NA)	(NA)
3369	Nonferrous castings, n.e.c.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	57	912	(NA)	(NA)
339	Miscellaneous primary metal products....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	119	4,156	106	3,223
3391	Iron and steel forgings.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	109	2,978	92	2,688
3392	Nonferrous forgings.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	10	1,178	14	535
34	Fabricated metal products, total.....	177	1,584	1,011	5,306	1,473	24,292	3,970	73,793	2,322	30,407
3411	Metal cans.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	161	3,541	10	165
342	Cutlery, handtools, and hardware.....	10	156	254	1,346	156	(D)	519	11,631	379	5,511
3421	Cutlery.....	(NA)	(NA)	34	147	6	30	33	310	16	142
3423	Hand and edge tools, n.e.c.....	(NA)	(NA)	142	641	64	517	192	3,957	112	1,325
3425	Handsaws and saw blades.....	(NA)	(NA)	29	271	2	(D)	33	580	19	84
3429	Hardware, n.e.c.....	10	156	49	287	84	492	261	6,784	232	3,960
343	Plumbing and heating, except electric...	1	(D)	19	(D)	39	(D)	203	3,539	96	549
3431	Metal sanitary ware.....	(NA)	(NA)	1	(D)	2	(D)	15	322	8	30
3432	Plumbing fittings and brass goods.....	(NA)	(NA)	8	13	20	320	55	1,427	38	236
3433	Heating equipment, except electric.....	1	(D)	10	47	17	97	133	1,790	50	283
344	Fabricated structural metal products....	57	632	147	539	42	99	852	9,058	278	1,133
3441	Fabricated structural steel.....	15	428	15	28	2	(D)	211	1,551	36	119
3442	Metal doors, sash, and trim.....	1	(D)	17	76	13	21	110	791	63	249
3443	Fabricated platework (boiler shops).....	10	106	79	323	9	18	269	4,526	36	250
3444	Sheet metalwork.....	27	85	15	66	8	30	180	1,414	104	354
3446	Architectural metalwork.....	2	(D)	13	29	8	18	43	296	26	108
3449	Miscellaneous metalwork.....	2	(D)	8	17	2	(D)	39	480	13	53
345	Screw machine products, bolts, etc.....	20	88	171	1,223	1,028	19,912	667	13,569	288	3,083
3451	Screw machine products.....	4	6	43	192	<sup>3</sup> 881	<sup>3</sup> 16,483	455	8,361	144	526
3452	Bolts, nuts, rivets, and washers.....	16	82	128	1,031	147	3,429	212	5,208	144	2,557
3461	Metal stampings.....	24	282	105	476	44	224	483	6,614	784	16,800
3481	Miscellaneous fabricated wire products....	31	173	136	494	12	71	174	1,001	163	653

See footnotes at end of table.

TABLE 1B. Selected Metalworking Operations--Operation by Industry: 1967--Continued

Code	Item	Number of--									
		Estab- lishments	Production workers	Estab- lishments	Production workers	Estab- lishments	Production workers	Estab- lishments	Production workers	Estab- lishments	Production workers
		GALVANIZING AND OTHER HOT-DIP COATING <sup>4</sup>		HEAT TREATING OF METALS		AUTOMATIC SCREW MACHINE DEPARTMENT		MACHINE SHOP		TOOL AND DIE SHOP	
34	Fabricated metal products--Continued										
349	Miscellaneous fabricated metal products	34	(D)	179	(D)	152	2,470	734	24,841	324	2,513
3491	Metal barrels, drums, and pails.....	1	(D)	(NA)	(NA)	(NA)	(NA)	50	430	7	51
3492	Safes and vaults.....	(NA)	(NA)	2	(D)	(NA)	(NA)	13	261	4	63
3493	Steel springs.....	(NA)	(NA)	46	550	(NA)	(NA)	29	399	20	86
3494	Valves and pipe fittings.....	17	176	61	237	109	2,153	352	20,347	155	1,792
3496	Collapsible tubes.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	12	241	(NA)	(NA)
3497	Metal foil and leaf.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	11	279	(NA)	(NA)
3498	Fabricated pipe fittings.....	8	38	28	101	20	182	83	745	33	121
3499	Fabricated metal products, n.e.c.....	8	32	42	277	23	135	184	2,139	105	400
35	Machinery, except electrical, total...	40	212	1,432	10,754	1,273	15,056	10,517	348,862	4,027	57,555
351	Engines and turbines.....	(NA)	(NA)	40	566	24	(D)	95	26,962	50	2,651
3511	Steam engines and turbines.....	(NA)	(NA)	14	141	3	(D)	22	10,510	13	1,200
3519	Internal combustion engines, n.e.c.....	(NA)	(NA)	26	425	21	808	73	16,452	37	1,451
3522	Farm machinery.....	(NA)	(NA)	117	1,292	69	856	479	12,105	236	2,528
353	Construction and related machinery.....	(NA)	(NA)	221	2,222	89	936	899	44,539	275	3,830
3531	Construction machinery.....	(NA)	(NA)	80	1,410	24	482	282	24,622	107	2,104
3532	Mining machinery.....	(NA)	(NA)	37	235	10	54	93	3,775	19	198
3533	Oilfield machinery.....	(NA)	(NA)	64	389	16	152	168	8,343	48	678
3534	Elevators and moving stairways.....	(NA)	(NA)	4	11	5	30	56	1,189	12	100
3535	Conveyors and conveying equipment.....	(NA)	(NA)	11	24	12	47	155	1,729	36	204
3536	Hoists, cranes, and monorails.....	(NA)	(NA)	11	77	11	115	52	2,168	20	178
3537	Industrial trucks and tractors.....	(NA)	(NA)	14	76	11	56	93	2,713	33	368
354	Metalworking machinery.....	(NA)	(NA)	449	2,303	256	2,185	2,116	78,813	2,052	34,298
3541	Machine tools, metal-cutting types.....	(NA)	(NA)	65	522	62	616	335	27,147	102	1,839
3542	Machine tools, metal-forming types.....	(NA)	(NA)	47	120	23	121	150	9,090	59	490
3544	Special dies, tools, jigs, and fixtures...	(NA)	(NA)	184	424	62	262	1,151	19,829	1,713	29,649
3545	Machine tool accessories.....	(NA)	(NA)	118	917	60	462	314	12,241	120	1,493
3548	Metalworking machinery, n.e.c.....	(NA)	(NA)	35	320	49	724	166	10,506	58	827
355	Special industry machinery.....	8	12	159	751	111	878	1,201	46,514	263	2,131
3551	Food products machinery.....	(NA)	(NA)	23	72	26	120	272	5,860	44	187
3552	Textile machinery.....	(NA)	(NA)	41	324	31	384	187	9,882	49	506
3553	Woodworking machinery.....	(NA)	(NA)	20	85	11	70	99	3,265	20	209
3554	Paper industries machinery.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	98	5,073	15	87
3555	Printing trades machinery.....	(NA)	(NA)	17	52	16	176	120	6,943	31	264
3559	Special industry machinery, n.e.c.....	8	12	58	218	27	128	425	15,491	104	878
356	General industrial machinery.....	15	62	212	2,235	227	(D)	1,052	42,745	317	3,758
3561	Pumps and compressors.....	8	32	46	185	55	889	269	14,283	98	953
3562	Ball and roller bearings.....	(NA)	(NA)	73	1,419	67	3,463	68	3,909	45	1,238
3564	Blowers and fans.....	2	(D)	2	(D)	5	50	57	1,641	20	158
3565	Industrial patterns.....	(NA)	(NA)	3	(D)	1	(D)	36	428	14	90
3566	Power transmission equipment.....	1	(D)	62	520	70	554	278	16,088	84	897
3567	Industrial furnaces and ovens.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	75	688	(NA)	(NA)
3569	General industrial machinery, n.e.c.....	4	7	26	89	29	168	269	5,708	56	422
357	Office and computing machines.....	2	(D)	42	552	44	1,285	172	6,046	98	2,527
3572	Typewriters.....	(NA)	(NA)	9	151	10	430	6	488	12	516
3573	Electronic computing equipment.....	2	(D)	12	107	6	37	73	2,510	25	454
3574	Calculating and accounting machines.....	(NA)	(NA)	7	233	7	528	19	847	15	1,042
3576	Scales and balances.....	(NA)	(NA)	4	10	4	48	23	404	10	67
3579	Office machines, n.e.c.....	(NA)	(NA)	10	51	17	242	51	1,797	36	448
358	Service industry machines.....	15	(D)	35	135	54	528	335	9,019	176	1,570
3581	Automatic merchandising machines.....	(NA)	(NA)	3	5	4	27	25	149	27	147
3582	Commercial laundry equipment.....	1	(D)	5	8	6	32	44	640	18	105
3585	Refrigeration machinery.....	8	116	16	71	24	237	136	6,050	83	1,064
3586	Measuring and dispensing pumps.....	2	(D)	4	20	10	217	25	909	12	102
3589	Service industry machines, n.e.c.....	4	8	7	31	10	15	105	1,271	36	152
3599	Miscellaneous machinery, except electrical	(NA)	(NA)	157	698	399	2,297	4,168	82,119	560	4,262

See footnotes at end of table.



TABLE 1B. Selected Metalworking Operations--Operation by Industry: 1967--Continued

Code	Item	Number of--									
		Estab- lishments	Production workers	Estab- lishments	Production workers	Estab- lishments	Production workers	Estab- lishments	Production workers	Estab- lishments	Production workers
		GALVANIZING AND OTHER HOT-DIP COATING <sup>4</sup>		HEAT TREATING OF METALS		AUTOMATIC SCREW MACHINE DEPARTMENT		MACHINE SHOP		TOOL AND DIE SHOP	
36	Electrical equipment and supplies, total.....	111	1,225	395	2,277	398	6,587	2,273	60,786	1,203	19,350
361	Electric test and distributing equipment	(NA)	(NA)	78	372	60	539	319	6,526	167	1,811
3611	Electric measuring instruments.....	(NA)	(NA)	27	98	37	239	173	2,805	62	714
3612	Transformers.....	(NA)	(NA)	27	206	(NA)	(NA)	37	881	24	312
3613	Switchgear and switchboard apparatus.....	(NA)	(NA)	24	68	23	300	109	2,840	81	785
362	Electrical industrial apparatus.....	5	59	65	333	70	636	400	11,683	182	2,440
3621	Motors and generators.....	5	59	48	227	51	356	169	6,953	102	1,468
3622	Industrial controls.....	(NA)	(NA)	17	106	19	280	94	2,527	36	519
3623	Welding apparatus.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	67	1,358	25	362
3624	Carbon and graphite products.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	25	298	4	32
3629	Electrical industrial apparatus, n.e.c....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	45	547	15	59
363	Household appliances.....	4	(D)	39	(D)	25	(D)	115	(D)	123	(D)
3631	Household cooking equipment.....	(NA)	(NA)	1	(D)	(NA)	(NA)	10	143	15	267
3632	Household refrigerators and freezers.....	1	(D)	4	61	3	145	8	1,651	12	822
3633	Household laundry equipment.....	1	(D)	8	32	7	248	14	965	17	367
3634	Electric housewares and fans.....	1	(D)	12	50	5	(D)	39	1,145	51	506
3635	Household vacuum cleaners.....	(NA)	(NA)	3	13	3	42	6	(D)	8	183
3636	Sewing machines.....	(NA)	(NA)	6	(D)	5	(D)	18	837	6	(D)
3639	Household appliances, n.e.c.....	1	(D)	5	14	2	(D)	20	322	14	134
364	Electric lighting and wiring equipment..	32	773	40	236	49	(D)	281	4,449	220	2,152
3641	Electric lamps.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	17	550	(NA)	(NA)
3642	Lighting fixtures.....	5	15	14	87	18	111	144	1,465	114	859
3643	Current-carrying wiring devices.....	8	31	17	31	27	343	70	1,199	71	1,045
3644	Noncurrent-carrying wiring devices.....	19	727	9	118	4	(D)	50	1,235	35	248
365	Radio and TV receiving equipment.....	2	(D)	5	9	8	135	47	833	43	643
3651	Radio and TV receiving sets.....	2	(D)	5	9	8	135	47	833	43	643
366	Communication equipment.....	27	(D)	73	489	75	1,356	439	19,180	172	4,955
3661	Telephone and telegraph apparatus.....	3	(D)	19	275	19	705	34	3,888	29	2,147
3662	Radio and TV communication equipment.....	24	281	54	214	56	651	405	15,292	143	2,808
367	Electronic components and accessories...	35	(D)	74	(D)	86	(D)	526	(D)	240	(D)
3671	Electron tubes, receiving type.....	(NA)	(NA)	5	11	(NA)	(NA)	5	(D)	3	(D)
3672	Cathode ray picture tubes.....	(NA)	(NA)	1	(D)	(NA)	(NA)	5	199	1	(D)
3673	Electron tubes, transmitting.....	2	(D)	8	45	1	(D)	24	1,212	9	154
3674	Semiconductors.....	2	(D)	5	10	7	44	44	1,172	18	383
3679	Electronic components, n.e.c.....	31	64	55	291	78	1,959	448	6,897	209	2,317
369	Miscellaneous electrical equipment and supplies.....	6	33	21	(D)	25	709	146	3,064	56	(D)
3691	Storage batteries.....	(NA)	(NA)	6	23	(NA)	(NA)	16	293	2	(D)
3692	Primary batteries, dry and wet.....	(NA)	(NA)	1	(D)	(NA)	(NA)	17	243	6	42
3693	X-ray apparatus and tubes.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	29	552	11	65
3694	Engine electrical equipment.....	6	33	14	103	25	709	48	1,686	37	1,811
3699	Electrical equipment, n.e.c.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	36	290	(NA)	(NA)
37	Transportation equipment, total.....	47	2,801	359	7,543	272	5,493	1,497	170,452	704	37,758
371	Motor vehicles and equipment.....	26	(D)	164	4,309	141	(D)	528	71,058	342	17,900
3711	Motor vehicles.....	2	(D)	16	592	11	(D)	42	12,290	51	5,355
3713	Truck and bus bodies.....	3	(D)	8	26	4	(D)	71	1,045	29	274
3714	Motor vehicle parts and accessories.....	20	680	135	3,671	125	3,457	377	57,438	245	12,047
3715	Truck trailers.....	1	(D)	5	20	1	(D)	38	285	17	224
372	Aircraft and parts.....	20	(D)	163	2,945	105	1,459	607	86,634	262	18,135
3721	Aircraft.....	8	354	23	615	13	209	49	15,571	29	7,125
3722	Aircraft engines and engine parts.....	6	(D)	61	1,452	31	790	144	36,639	78	4,975
3729	Aircraft equipment, n.e.c.....	6	67	79	878	61	460	414	34,424	155	6,035
373	Ship and boat building and repairing....	(NA)	(NA)	32	289	(NA)	(NA)	234	7,054	25	312
3731	Ship building and repairing.....	(NA)	(NA)	26	236	(NA)	(NA)	151	6,594	10	248
3732	Boat building and repairing.....	(NA)	(NA)	6	53	(NA)	(NA)	83	460	15	64

See footnotes at end of table.



TABLE 1B. Selected Metalworking Operations--Operation by Industry: 1967--Continued

Code	Item	Number of--									
		Estab- lishments	Production workers	Estab- lishments	Production workers	Estab- lishments	Production workers	Estab- lishments	Production workers	Estab- lishments	Production workers
		GALVANIZING AND OTHER HOT-DIP COATING <sup>4</sup>		HEAT TREATING OF METALS		AUTOMATIC SCREW MACHINE DEPARTMENT		MACHINE SHOP		TOOL AND DIE SHOP	
37	Transportation equipment--Continued										
374	Railroad equipment.....	(NA)	(NA)	(NA)	(NA)	8	(D)	49	4,467	32	1,107
3741	Locomotives and parts.....	(NA)	(NA)	(NA)	(NA)	3	(D)	12	2,271	9	(D)
3742	Railroad and street cars.....	(NA)	(NA)	(NA)	(NA)	5	(D)	37	2,196	23	(D)
3751	Motorcycles, bicycles, and parts.....	(NA)	(NA)	(NA)	(NA)	7	117	28	720	13	218
379	Miscellaneous transportation equipment..	1	(D)	(NA)	(NA)	11	22	51	519	30	86
3791	Trailer coaches.....	1	(D)	(NA)	(NA)	5	8	2	(D)	4	5
3799	Transportation equipment, n.e.c.....	(NA)	(NA)	(NA)	(NA)	6	14	49	(D)	26	81
38	Instruments and related products, total	(NA)	(NA)	96	355	138	1,886	468	10,556	183	2,022
3811	Engineering and scientific instruments....	(NA)	(NA)	16	34	22	(D)	181	2,975	33	197
382	Mechanical measuring and control devices	(NA)	(NA)	56	239	93	1,246	257	6,955	117	1,512
3821	Mechanical measuring devices.....	(NA)	(NA)	38	123	67	766	217	5,234	87	802
3822	Automatic temperature controls.....	(NA)	(NA)	18	116	26	480	40	1,721	30	710
387	Watches, clocks, and watchcases.....	(NA)	(NA)	24	82	23	(D)	30	626	33	313
3871	Watches and clocks.....	(NA)	(NA)	12	64	21	529	24	475	21	236
3872	Watchcases.....	(NA)	(NA)	12	18	2	(D)	6	151	12	77
		FOUNDRY PATTERN SHOP		PLATE OR STRUCTURAL FABRICATION		STAMPING, BLANKING, AND FORMING OF METALS		PAINTING, LACQUERING AND ENAMELING ON METALS		PLASTICS MOLDING	
	All industries, total.....	1,917	17,542	6,006	196,277	11,034	308,634	9,860	93,603	726	19,644
19	Ordnance and accessories.....	9	59	38	3,173	91	4,402	98	1,543	9	728
33	Primary metal industries.....	564	4,709	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
34	Fabricated metal products.....	259	1,465	2,240	87,830	4,758	159,905	2,475	25,010	(NA)	(NA)
35	Machinery, except electrical.....	925	8,604	2,820	56,879	3,168	45,201	4,058	17,159	31	649
36	Electrical equipment and supplies.....	43	272	374	11,078	1,768	44,060	1,755	17,582	430	10,301
37	Transportation equipment.....	110	2,416	534	37,317	990	52,186	1,217	31,189	211	7,431
38	Instruments and related products.....	7	18	(NA)	(NA)	259	2,880	257	1,120	45	635
19	Ordnance and accessories, total.....	9	59	38	3,173	91	4,402	98	1,543	9	728
1925	Complete guided missiles.....	3	(D)	10	1,164	15	1,164	20	372	9	728
1929	Ammunition, except for small arms.....	2	(D)	9	530	28	1,018	36	805	(NA)	(NA)
1931	Tanks and tank components.....	(NA)	(NA)	9	845	7	(D)	10	201	(NA)	(NA)
1951	Small arms.....	(NA)	(NA)	7	(D)	15	119	10	53	(NA)	(NA)
1961	Small arms ammunition.....	1	(D)	1	(D)	12	1,688	2	(D)	(NA)	(NA)
1911	Guns, howitzers, and mortars.....	3	6	2	(D)	14	290	20	80	(NA)	(NA)
1999	Ordnance and accessories, n.e.c.....										
33	Primary metal industries, total.....	564	4,709	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
332	Iron and steel foundries.....	380	3,547	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3321	Gray iron foundries.....	238	2,089	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3322	Malleable iron foundries.....	41	365	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3323	Steel foundries.....	101	1,093	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
336	Nonferrous foundries.....	184	1,162	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3361	Aluminum castings.....	104	804	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3362	Brass, bronze, and copper castings.....	58	194	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3369	Nonferrous castings, n.e.c.....	22	164	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

See footnotes at end of table.

TABLE 1B. Selected Metalworking Operations--Operation by Industry: 1967--Continued

Code	Item	Number of--									
		Estab- lishments	Production workers	Estab- lishments	Production workers	Estab- lishments	Production workers	Estab- lishments	Production workers	Estab- lishments	Production workers
		FOUNDRY PATTERN SHOP		PLATE OR STRUCTURAL FABRICATION		STAMPING BLANKING, AND FORMING OF METALS		PAINTING, LACQUERING AND ENAMELING ON METALS		PLASTICS MOLDING	
34	Fabricated metal products, total.....	259	1,465	2,240	87,830	4,758	159,905	3,475	25,010	(NA)	(NA)
3411	Metal cans.....	(NA)	(NA)	12	803	154	14,182	102	3,479	(NA)	(NA)
342	Cutlery, handtools, and hardware.....	34	112	29	347	541	22,556	389	2,592	(NA)	(NA)
3421	Cutlery.....	(NA)	(NA)	(NA)	(NA)	42	345	16	43	(NA)	(NA)
3423	Hand and edge tools, n.e.c.....	(NA)	(NA)	(NA)	(NA)	139	2,848	115	408	(NA)	(NA)
3425	Handsaws and saw blades.....	(NA)	(NA)	(NA)	(NA)	31	552	20	83	(NA)	(NA)
3429	Hardware, n.e.c.....	34	112	29	347	329	18,811	238	2,058	(NA)	(NA)
343	Plumbing and heating, except electric...	37	256	79	(D)	199	4,867	201	2,412	(NA)	(NA)
3431	Metal sanitary ware.....	8	120	2	(D)	23	766	20	1,329	(NA)	(NA)
3432	Plumbing fittings and brass goods.....	14	16	6	89	31	410	12	37	(NA)	(NA)
3433	Heating equipment, except electric.....	15	75	71	1,292	145	3,691	169	1,046	(NA)	(NA)
344	Fabricated structural metal products....	61	(D)	1,820	79,497	1,352	25,133	1,563	6,157	(NA)	(NA)
3441	Fabricated structural steel.....	22	96	<sup>3</sup> 829	<sup>3</sup> 40,974	207	3,100	511	1,930	(NA)	(NA)
3442	Metal doors, sash, and trim.....	2	(D)	43	911	184	3,670	153	696	(NA)	(NA)
3443	Fabricated platework (boiler shops).....	18	73	<sup>3</sup> 547	<sup>3</sup> 28,586	245	5,252	357	1,281	(NA)	(NA)
3444	Sheet metalwork.....	13	23	192	3,285	546	9,328	291	1,127	(NA)	(NA)
3446	Architectural metalwork.....	4	8	123	2,676	89	1,493	169	550	(NA)	(NA)
3449	Miscellaneous metalwork.....	2	(D)	86	3,065	81	2,290	82	573	(NA)	(NA)
345	Screw machine products, bolts, etc.....	5	(D)	14	149	225	5,403	46	131	(NA)	(NA)
3451	Screw machine products.....	3	8	5	28	76	367	20	36	(NA)	(NA)
3452	Bolts, nuts, rivets, and washers.....	2	(D)	9	121	149	5,036	26	95	(NA)	(NA)
3461	Metal stampings.....	28	389	71	573	<sup>3</sup> 1,414	<sup>3</sup> 72,755	385	5,986	(NA)	(NA)
3481	Miscellaneous fabricated wire products....	(NA)	(NA)	29	637	274	5,102	236	732	(NA)	(NA)
349	Miscellaneous fabricated metal products.	94	(D)	186	(D)	599	9,907	553	3,521	(NA)	(NA)
3491	Metal barrels, drums, and pails.....	(NA)	(NA)	11	607	89	2,260	91	905	(NA)	(NA)
3492	Safes and vaults.....	(NA)	(NA)	9	172	12	296	15	110	(NA)	(NA)
3493	Steel springs.....	(NA)	(NA)	3	(D)	41	888	37	112	(NA)	(NA)
3494	Valves and pipe fittings.....	66	427	33	933	70	782	133	402	(NA)	(NA)
3496	Collapsible tubes.....	(NA)	(NA)	(NA)	(NA)	12	484	13	915	(NA)	(NA)
3497	Metal foil and leaf.....	(NA)	(NA)	(NA)	(NA)	8	333	1	(D)	(NA)	(NA)
3498	Fabricated pipe and fittings.....	8	(D)	28	752	50	620	44	(D)	(NA)	(NA)
3499	Fabricated metal products, n.e.c.....	20	52	102	1,953	317	4,244	219	964	(NA)	(NA)
35	Machinery, except electrical, total...	925	8,604	2,820	56,879	3,168	45,201	4,058	17,159	31	649
351	Engines and turbines.....	12	124	22	2,204	36	1,018	69	492	(NA)	(NA)
3511	Steam engines and turbines.....	6	74	9	1,909	5	(D)	14	134	(NA)	(NA)
3519	Internal combustion engines, n.e.c.....	6	50	13	295	31	(D)	55	358	(NA)	(NA)
3522	Farm machinery.....	41	383	258	3,258	457	7,340	567	3,319	(NA)	(NA)
353	Construction and related machinery.....	56	338	671	24,682	368	6,099	785	3,426	(NA)	(NA)
3531	Construction machinery.....	28	182	213	13,083	123	3,519	260	1,757	(NA)	(NA)
3532	Mining machinery.....	17	88	62	2,113	21	249	62	231	(NA)	(NA)
3533	Oilfield machinery.....	(NA)	(NA)	71	1,925	19	125	99	313	(NA)	(NA)
3534	Elevators and moving stairways.....	2	(D)	43	789	30	398	48	236	(NA)	(NA)
3535	Conveyors and conveying equipment.....	4	43	151	3,252	97	939	157	334	(NA)	(NA)
3536	Hoists, cranes, and monorails.....	2	(D)	51	1,362	13	120	51	197	(NA)	(NA)
3537	Industrial trucks and tractors.....	3	5	80	2,158	65	749	108	358	(NA)	(NA)
354	Metalworking machinery.....	136	1,298	255	3,406	626	4,027	440	1,586	(NA)	(NA)
3541	Machine tools, metal-cutting types.....	31	309	57	684	36	279	142	871	(NA)	(NA)
3542	Machine tools, metal-forming types.....	16	79	41	1,077	38	356	70	172	(NA)	(NA)
3544	Special dies, tools, jigs, and fixtures...	74	820	104	563	456	2,230	91	121	(NA)	(NA)
3545	Machine tool accessories.....	4	21	12	86	48	725	58	148	(NA)	(NA)
3548	Metalworking machinery, n.e.c.....	11	69	41	996	48	437	79	274	(NA)	(NA)
355	Special industry machinery.....	132	469	538	8,727	333	3,196	685	2,008	(NA)	(NA)
3551	Food products machinery.....	18	46	128	2,230	119	994	181	436	(NA)	(NA)
3552	Textile machinery.....	24	96	74	866	65	708	84	363	(NA)	(NA)
3553	Woodworking machinery.....	11	23	47	396	21	151	69	224	(NA)	(NA)
3554	Paper industries machinery.....	14	55	38	592	(NA)	(NA)	50	113	(NA)	(NA)
3555	Printing trades machinery.....	13	51	25	108	25	139	69	275	(NA)	(NA)
3559	Special industry machinery, n.e.c.....	52	198	226	4,535	103	1,204	232	597	(NA)	(NA)

See footnotes at end of table.



TABLE 1B. Selected Metalworking Operations--Operation by Industry: 1967--Continued

Code	Item	Number of--									
		Estab- lishments	Production workers	Estab- lishments	Production workers	Estab- lishments	Production workers	Estab- lishments	Production workers	Estab- lishments	Production workers
		FOUNDRY PATTERN SHOP		PLATE OR STRUCTURAL FABRICATION		STAMPING, BLANKING, AND FORMING OF METALS		PAINTING, LACQUERING AND ENAMELING ON METALS		PLASTICS MOLDING	
35	Machinery, except electrical--Continued										
356	General industrial machinery.....	463	5,668	364	7,486	366	5,204	591	1,877	(NA)	(NA)
3561	Pumps and compressors.....	52	441	78	1,893	53	372	182	713	(NA)	(NA)
3562	Ball and roller bearings.....	3	7	1	(D)	44	1,302	9	20	(NA)	(NA)
3564	Blowers and fans.....	8	31	50	1,312	83	1,154	81	449	(NA)	(NA)
3565	Industrial patterns.....	362	4,914	4	(D)	7	156	11	20	(NA)	(NA)
3566	Power transmission equipment.....	22	81	20	382	47	1,106	66	143	(NA)	(NA)
3567	Industrial furnaces and ovens.....	(NA)	(NA)	82	1,368	46	462	70	134	(NA)	(NA)
3569	General industrial machinery, n.e.c.....	16	194	129	2,352	86	652	172	398	(NA)	(NA)
357	Office and computing machines.....	(NA)	(NA)	26	491	117	3,716	102	1,021	31	649
3572	Typewriters.....	(NA)	(NA)	2	(D)	10	1,332	9	221	6	305
3573	Electronic computing equipment.....	(NA)	(NA)	10	202	34	633	28	250	13	121
3574	Calculating and accounting machines.....	(NA)	(NA)	3	(D)	17	889	16	248	5	187
3576	Scales and balances.....	(NA)	(NA)	9	160	10	91	22	90	2	(D)
3579	Office machines, n.e.c.....	(NA)	(NA)	2	(D)	46	771	27	212	5	(D)
358	Service industry machines.....	31	117	157	3,109	370	11,311	409	2,632	(NA)	(NA)
3581	Automatic merchandising machines.....	3	(D)	6	(D)	39	957	29	213	(NA)	(NA)
3582	Commercial laundry equipment.....	4	14	22	351	25	354	41	147	(NA)	(NA)
3585	Refrigeration machinery.....	12	50	76	1,749	202	8,702	221	1,812	(NA)	(NA)
3586	Measuring and dispensing pumps.....	2	(D)	2	(D)	10	246	16	136	(NA)	(NA)
3589	Service industry machines, n.e.c.....	10	39	51	661	94	1,052	102	324	(NA)	(NA)
3599	Miscellaneous machinery, except electrical	54	207	529	3,516	495	3,290	410	798	(NA)	(NA)
36	Electrical equipment and supplies, total.....	43	272	374	11,078	1,768	44,060	1,755	17,582	430	10,301
361	Electric test and distributing equipment	11	(D)	88	2,891	302	6,336	322	1,685	68	1,123
3611	Electric measuring instruments.....	2	(D)	(NA)	(NA)	92	1,226	100	403	34	442
3612	Transformers.....	(NA)	(NA)	31	857	55	1,841	72	550	(NA)	(NA)
3613	Switchgear and switchboard apparatus.....	9	37	57	2,034	155	3,269	150	732	34	681
362	Electrical industrial apparatus.....	10	(D)	90	1,806	249	4,608	300	(D)	20	649
3621	Motors and generators.....	9	34	24	749	106	2,455	127	721	(NA)	(NA)
3622	Industrial controls.....	1	(D)	32	632	68	1,547	88	438	20	649
3623	Welding apparatus.....	(NA)	(NA)	34	425	28	304	38	109	(NA)	(NA)
3624	Carbon and graphite products.....	(NA)	(NA)	(NA)	(NA)	8	73	1	(D)	(NA)	(NA)
3629	Electrical industrial apparatus, n.e.c.....	(NA)	(NA)	(NA)	(NA)	39	229	46	117	(NA)	(NA)
363	Household appliances.....	14	(D)	11	(D)	178	(D)	170	7,692	42	(D)
3631	Household cooking equipment.....	7	13	2	(D)	32	2,349	28	1,744	1	(D)
3632	Household refrigerators and freezers.....	1	(D)	(NA)	(NA)	20	4,393	20	2,799	(NA)	(NA)
3633	Household laundry equipment.....	2	(D)	1	(D)	18	2,046	16	1,976	8	330
3634	Electric housewares and fans.....	2	(D)	1	(D)	66	1,886	57	507	28	787
3635	Household vacuum cleaners.....	2	(D)	(NA)	(NA)	9	296	9	152	3	(D)
3636	Sewing machines.....	(NA)	(NA)	(NA)	(NA)	3	(D)	7	14	(NA)	(NA)
3639	Household appliances, n.e.c.....	(NA)	(NA)	7	84	30	751	33	500	2	(D)
364	Electric lighting and wiring equipment..	8	(D)	61	1,630	403	8,610	377	2,982	45	1,072
3642	Lighting fixtures.....	(NA)	(NA)	36	361	254	4,380	316	2,553	(NA)	(NA)
3643	Current-carrying wiring devices.....	1	(D)	9	561	91	2,337	26	96	38	982
3644	Noncurrent-carrying wire devices.....	7	154	16	708	58	1,893	35	333	7	90
365	Radio and TV receiving equipment.....	(NA)	(NA)	(NA)	(NA)	50	1,089	30	297	(NA)	(NA)
3651	Radio and TV receiving sets.....	(NA)	(NA)	(NA)	(NA)	50	1,089	30	297	(NA)	(NA)
366	Communication equipment.....	(NA)	(NA)	83	4,099	238	6,295	271	2,250	84	2,744
3661	Telephone and telegraph apparatus.....	(NA)	(NA)	14	797	38	2,977	29	540	18	2,065
3662	Radio and TV communication equipment.....	(NA)	(NA)	69	3,302	200	3,318	242	1,710	66	679
367	Electronic components and accessories...	(NA)	(NA)	35	(D)	241	(D)	192	(D)	171	(D)
3671	Electron tubes, receiving type.....	(NA)	(NA)	(NA)	(NA)	3	(D)	2	(D)	1	(D)
3672	Cathode ray picture tubes.....	(NA)	(NA)	(NA)	(NA)	4	145	1	(D)	(NA)	(NA)
3673	Electron tubes, transmitting.....	(NA)	(NA)	1	(D)	12	290	14	85	(NA)	(NA)
3674	Semiconductors.....	(NA)	(NA)	3	10	13	110	10	234	8	78
3679	Electronic components, n.e.c.....	(NA)	(NA)	31	153	209	2,381	165	545	162	3,221

See footnotes at end of table.



TABLE 1B. Selected Metalworking Operations--Operation by Industry: 1967--Continued

Code	Item	Number of--									
		Estab- lishments	Production workers	Estab- lishments	Production workers	Estab- lishments	Production workers	Estab- lishments	Production workers	Estab- lishments	Production workers
		FOUNDRY PATTERN SHOP		PLATE OR STRUCTURAL FABRICATION		STAMPING, BLANKING, AND FORMING OF METALS		PAINTING, LACQUERING AND ENAMELING ON METALS		PLASTICS MOLDING	
36	Electrical equipment and supplies-- Continued										
369	Miscellaneous electrical equipment and supplies.....	(NA)	(NA)	6	54	107	2,396	93	406	(NA)	(NA)
3691	Storage batteries.....	(NA)	(NA)	(NA)	(NA)	11	87	8	13	(NA)	(NA)
3692	Primary batteries, dry and wet.....	(NA)	(NA)	(NA)	(NA)	5	127	(NA)	(NA)	(NA)	(NA)
3693	X-ray apparatus and tubes.....	(NA)	(NA)	6	54	18	300	19	175	(NA)	(NA)
3694	Engine electrical equipment.....	(NA)	(NA)	(NA)	(NA)	48	1,532	46	172	(NA)	(NA)
3699	Electrical equipment, n.e.c.....	(NA)	(NA)	(NA)	(NA)	25	350	20	46	(NA)	(NA)
37	Transportation equipment, total.....	110	2,416	534	37,317	990	52,186	1,217	31,189	211	7,431
371	Motor vehicles and equipment.....	26	384	213	3,566	527	32,772	602	18,693	45	1,719
3711	Motor vehicles.....	6	129	17	639	39	7,537	84	14,909	7	138
3713	Truck and bus bodies.....	7	(D)	100	906	123	1,839	187	1,288	7	(D)
3714	Motor vehicle parts and accessories.....	10	221	41	862	311	22,532	258	1,988	30	1,514
3715	Truck trailers.....	3	(D)	55	1,159	54	8,104	73	508	1	(D)
372	Aircraft and parts.....	42	1,836	90	8,735	208	13,501	214	5,480	84	3,481
3721	Aircraft.....	15	1,269	29	6,293	38	6,510	34	3,345	27	1,717
3722	Aircraft engines and engine parts.....	8	80	19	960	46	1,084	40	564	13	251
3729	Aircraft equipment, n.e.c.....	19	487	42	1,482	124	5,907	140	1,571	44	1,513
373	Ship and boat building and repairing....	36	176	157	19,744	56	1,734	176	4,580	82	2,231
3731	Ship building and repairing.....	21	137	121	19,274	28	1,494	108	4,190	10	141
3732	Boat building and repairing.....	15	39	36	470	28	240	68	390	72	2,090
374	Railroad equipment.....	(NA)	(NA)	51	5,103	41	1,711	56	1,325	(NA)	(NA)
3741	Locomotives and parts.....	(NA)	(NA)	6	1,818	6	268	9	166	(NA)	(NA)
3742	Railroad and street cars.....	(NA)	(NA)	45	3,285	35	1,443	47	1,159	(NA)	(NA)
3751	Motorcycles, bicycles, and parts.....	(NA)	(NA)	(NA)	(NA)	27	1,041	24	377	(NA)	(NA)
379	Miscellaneous transportation equipment..	6	20	23	169	131	1,427	145	734	(NA)	(NA)
3791	Trailer coaches.....	6	20	23	169	51	572	51	378	(NA)	(NA)
3799	Transportation equipment, n.e.c.....	(NA)	(NA)	(NA)	(NA)	80	855	94	356	(NA)	(NA)
38	Instruments and related products, total	7	18	(NA)	(NA)	259	2,880	257	1,120	45	635
3811	Engineering and scientific instruments....	3	(D)	(NA)	(NA)	73	712	97	330	17	208
382	Mechanical measuring and control devices	4	(D)	(NA)	(NA)	133	1,483	160	790	28	427
3821	Mechanical measuring devices.....	4	(D)	(NA)	(NA)	100	807	139	607	19	147
3822	Automatic temperature controls.....	(NA)	(NA)	(NA)	(NA)	33	676	21	183	9	280
387	Watches, clocks, and watchcases.....	(NA)	(NA)	(NA)	(NA)	53	685	(NA)	(NA)	(NA)	(NA)
3871	Watches and clocks.....	(NA)	(NA)	(NA)	(NA)	35	411	(NA)	(NA)	(NA)	(NA)
3872	Watchcases.....	(NA)	(NA)	(NA)	(NA)	18	274	(NA)	(NA)	(NA)	(NA)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available.  
n.e.c. Not elsewhere classified.

<sup>1</sup>Excludes data for forging operations used in the manufacture of bolts, nuts, and other related products.

<sup>2</sup>Excludes data for the 3,241 establishments classified in industry 3471, Plating and Polishing. These establishments usually are engaged in work on materials owned by others and generally perform electroplating operations.

<sup>3</sup>See table 1C, footnote 1.

<sup>4</sup>Because of technical problems geographic data for galvanizing and other hot-dip coating could not be published.

<sup>5</sup>Excludes data for those establishments classified in industry 3479, Metal Coating, Engraving, Etc., which are primarily engaged in galvanizing and other hot-dip coating, usually on materials owned by others.

TABLE 1C. Coverage of Selected Metalworking Operations by Industries:  
1967

Code	Industry	Total number of establishments in the industry	Percent of total employees in establishments which completed the metalworking inquiry		
			Establishments reporting 1 or more specified operations	Establishments reporting "none" of operations apply	Establishments which completed the inquiry
1925	Complete guided missiles.....	65	80-85	0-5	85-90
1929	Ammunition, except for small arms, n.e.c.....	99	60-65	5-10	70-75
1931	Tanks and tank components.....	27	90-95	0-5	90-95
1951	Small arms.....	71	85-90	0-5	85-90
1961	Small arms ammunition.....	44	80-85	0-5	80-85
1911	Guns, howitzers, and mortars.....	98	50-55	5-10	55-60
1999	Ordnance and accessories, n.e.c.....				
3321	Gray iron foundries <sup>1</sup> .....	1,061	75-80	0-5	75-80
3322	Malleable iron foundries <sup>1</sup> .....	81	90-95	0-5	90-95
3323	Steel foundries <sup>1</sup> .....	296	80-85	0-5	85-90
3361	Aluminum castings <sup>1</sup> .....	992	65-70	0-5	70-75
3362	Brass, bronze, and copper castings <sup>1</sup> .....	534	70-75	0-5	75-80
3369	Nonferrous castings, n.e.c. <sup>1</sup> .....	360	55-60	0-5	60-65
3391	Iron and steel forgings <sup>1</sup> .....	272	85-90	0-5	85-90
3392	Nonferrous forgings <sup>1</sup> .....	41	95-100	0-5	95-100
3411	Metal cans.....	299	80-85	0-5	85-90
3421	Cutlery.....	146	80-85	0-5	85-90
3423	Hand and edge tools, n.e.c.....	667	75-80	0-5	75-80
3425	Handsaws and saw blades.....	85	75-80	0-5	80-85
3429	Hardware, n.e.c.....	1,041	85-90	0-5	85-90
3431	Metal sanitary ware.....	91	80-85	0-5	80-85
3432	Plumbing fittings and brass goods.....	214	75-80	0-5	75-80
3433	Heating equipment, except electric.....	534	75-80	0-5	80-85
3441	Fabricated structural steel <sup>1</sup> .....	1,960	65-70	5-10	75-80
3442	Metal doors, sash, and trim.....	1,646	40-45	10-15	55-60
3443	Fabricated platework (boiler shops).....	1,465	70-75	0-5	75-80
3444	Sheet metalwork.....	3,054	50-55	10-15	60-65
3446	Architectural metalwork.....	1,377	55-60	5-10	60-65
3449	Miscellaneous metalwork, n.e.c.....	649	45-50	10-15	55-60
3451	Screw machine products <sup>1</sup> .....	1,874	70-75	0-5	75-80
3452	Bolts, nuts, rivets, and washers.....	662	75-80	0-5	80-85
3461	Metal stampings <sup>1</sup> .....	2,710	85-90	0-5	85-90
3481	Miscellaneous fabricated wire products.....	1,550	55-60	10-15	70-75
3491	Metal barrels, drums, and pails.....	149	90-95	0-5	95-100
3492	Safes and vaults.....	32	80-85	-	80-85
3493	Steel springs.....	114	70-75	0-5	75-80
3494	Valves and pipe fittings.....	666	80-85	0-5	85-90
3496	Collapsible tubes.....	19	85-90	10-15	95-100
3497	Metal foil and leaf.....	72	20-25	30-35	50-55
3498	Fabricated pipe and fittings.....	393	55-60	10-15	65-70
3499	Fabricated metal products, n.e.c.....	1,266	60-65	5-10	65-70
3511	Steam engines and turbines.....	27	95-100	0-5	95-100
3519	Internal combustion engines, n.e.c.....	155	90-95	0-5	90-95
3522	Farm machinery.....	1,618	85-90	0-5	85-90
3531	Construction machinery.....	651	85-90	0-5	85-90
3532	Mining machinery.....	212	85-90	0-5	85-90
3433	Oilfield machinery.....	360	85-90	0-5	85-90
3534	Elevators and moving stairways.....	144	75-80	0-5	80-85
3535	Conveyors and conveying equipment.....	446	60-65	5-10	65-70
3536	Hoists, cranes, and monorails.....	141	75-80	0-5	75-80
3537	Industrial trucks and tractors.....	351	90-95	0-5	95-100
3541	Machine tools, metal-cutting types.....	903	80-85	0-5	85-90
3542	Machine tools, metal-forming types.....	350	80-85	0-5	85-90
3544	Special dies, tools, jigs, and fixtures.....	6,615	55-60	5-10	60-65
3545	Machine tool accessories.....	1,141	65-70	10-15	75-80
3548	Metalworking machinery, n.e.c.....	430	80-85	0-5	85-90
3551	Food products machinery.....	642	80-85	0-5	80-85
3552	Textile machinery.....	560	70-75	0-5	75-80
3553	Woodworking machinery.....	239	80-85	0-5	80-85
3554	Paper industries machinery.....	220	55-60	0-5	60-65
3555	Printing trades machinery.....	522	70-75	5-10	75-80
3559	Special industry machinery, n.e.c.....	1,129	80-85	0-5	85-90
3561	Pumps and compressors.....	660	80-85	0-5	80-85
3562	Ball and roller bearings.....	124	95-100	-	95-100
3564	Blowers and fans.....	287	80-85	0-5	85-90
3565	Industrial patterns.....	1,163	55-60	0-5	60-65
3566	Power transmission equipment.....	513	80-85	0-5	85-90
3567	Industrial furnaces and ovens.....	255	65-70	5-10	75-80
3569	General industry machinery, n.e.c.....	758	65-70	5-10	75-80
3572	Typewriters.....	25	90-95	0-5	90-95
3573	Electronic computing equipment.....	178	80-85	0-5	80-85

See footnotes at end of table.



TABLE 1C. Coverage of Selected Metalworking Operations by Industries:  
1967—Continued

Code	Industry	Total number of establishments in the industry	Percent of total employees in establishments which completed the metalworking inquiry		
			Establishments reporting 1 or more specified operations	Establishments reporting "none" of operations apply	Establishments which completed the inquiry
3574	Calculating and accounting machines.....	138	75-80	0-5	75-80
3576	Scales and balances.....	76	65-70	0-5	65-70
3579	Office machines, n.e.c.....	177	80-85	0-5	80-85
3581	Automatic merchandising machines.....	150	70-75	0-5	75-80
3582	Commercial laundry equipment.....	117	85-90	0-5	90-95
3585	Refrigeration machinery.....	682	85-90	0-5	85-90
3586	Measuring and dispensing pumps.....	49	85-90	0-5	85-90
3589	Service industry machines, n.e.c.....	575	65-70	5-10	70-75
3599	Miscellaneous machinery, except electrical..	15,109	60-65	0-5	65-70
3611	Electric measuring instruments.....	546	75-80	5-10	80-85
3612	Transformers.....	190	65-70	0-5	70-75
3613	Switchgear and switchboard apparatus.....	482	80-85	0-5	85-90
3621	Motors and generators.....	409	75-80	0-5	75-80
3622	Industrial controls.....	476	75-80	5-10	80-85
3623	Welding apparatus.....	147	75-80	5-10	80-85
3624	Carbon and graphite products.....	65	60-65	10-15	75-80
3629	Electric industrial goods, n.e.c.....	220	50-55	15-20	70-75
3631	Household cooking equipment.....	73	90-95	-	90-95
3632	Household refrigerators and freezers.....	36	90-95	-	90-95
3633	Household laundry equipment.....	35	90-95	-	90-95
3634	Electric housewares and fans.....	290	80-85	0-5	80-85
3635	Household vacuum cleaners.....	34	95-100	0-5	95-100
3636	Sewing machines.....	86	90-95	-	90-95
3639	Household appliances, n.e.c.....	83	80-85	-	80-85
3641	Electric lamps.....	106	35-40	50-55	85-90
3642	Lighting fixtures.....	1,213	70-75	5-10	75-80
3643	Current-carrying wiring devices.....	375	70-75	0-5	75-80
3644	Noncurrent-carrying wiring devices.....	174	75-80	0-5	80-85
3651	Radio and TV receiving sets.....	340	80-85	0-5	80-85
3661	Telephone and telegraph apparatus.....	106	95-100	0-5	95-100
3662	Radio and TV communication equipment.....	1,296	80-85	0-5	85-90
3671	Electron tubes, receiving type.....	39	75-80	15-20	95-100
3672	Cathode ray picture tubes.....	99	80-85	5-10	85-90
3673	Electron tubes, transmitting.....	56	80-85	0-5	85-90
3674	Semiconductors.....	177	85-90	0-5	90-95
3679	Electronic components, n.e.c.....	2,068	75-80	0-5	80-85
3691	Storage batteries.....	232	45-50	30-35	75-80
3692	Primary batteries, dry and wet.....	49	55-60	15-20	75-80
3693	X-ray apparatus and tubes.....	82	90-95	0-5	90-95
3694	Engine electrical equipment.....	264	75-80	0-5	80-85
3699	Electrical equipment, n.e.c.....	538	40-45	20-25	65-70
3711	Motor vehicles.....	181	80-85	15-20	95-100
3713	Truck and bus bodies.....	641	70-75	5-10	75-80
3714	Motor vehicle parts and accessories.....	1,675	85-90	0-5	90-95
3715	Truck trailers.....	179	70-75	0-5	75-80
3721	Aircraft.....	125	80-85	0-5	85-90
3722	Aircraft engines and engine parts.....	255	90-95	0-5	90-95
3729	Aircraft equipment, n.e.c.....	893	80-85	0-5	80-85
3731	Ship building and repairing.....	415	90-95	0-5	90-95
3732	Boat building and repairing.....	1,596	35-40	20-25	60-65
3741	Locomotives and parts.....	27	95-100	0-5	95-100
3742	Railroad and street cars.....	96	90-95	0-5	95-100
3751	Motorcycles, bicycles, and parts.....	91	85-90	0-5	90-95
3791	Trailer coaches.....	856	45-50	20-25	70-75
3799	Transportation equipment, n.e.c.....	454	65-70	5-10	70-75
3811	Engineering and scientific instruments.....	677	60-65	10-15	70-75
3821	Mechanical measuring devices.....	661	80-85	5-10	85-90
3822	Automatic temperature controls.....	105	95-100	0-5	95-100
3871	Watches and clocks.....	176	65-70	5-10	75-80
3872	Watchcases.....	47	50-55	35-40	90-95

Standard Notes: - Represents zero. n.e.c. Not elsewhere classified.

<sup>1</sup>Since each of these industries by definition cover activities for which separate information was included in the metalworking operations inquiry, it is inconsistent for respondents classified in these industries to indicate that none of the operations apply. The entry shown in the column entitled "percent of total employees in establishments which reported 'none' of the operations apply" indicates the significance of such inconsistencies. Since such percentages are typically small this factor is not considered important.



**TABLE 2. Number of Production Workers Engaged in Selected Metalworking Operations,  
by Divisions and States: 1967**

Division and State	Ferrous foundry	Nonferrous foundry (except die casting)	Nonferrous die casting	Forgings-- presses, hammers, or upsetters	Electroplating and other plating	Plating and polishing industry (SIC 3471)	Heat treating of metals
United States, total.....	183,751	32,724	28,520	<sup>1</sup> 32,690	<sup>2</sup> 27,186	<sup>3</sup> 46,777	27,413
New England.....	7,180	2,286	1,188	2,377	3,251	5,425	3,075
Maine.....	115	(D)	(D)	(D)	(D)	(D)	(D)
New Hampshire.....	402	283	36	(D)	106	(D)	(D)
Vermont.....	254	(D)	-	(D)	(D)	(D)	79
Massachusetts.....	2,904	985	209	951	1,003	1,808	1,214
Rhode Island.....	755	101	(D)	(D)	51	(D)	138
Connecticut.....	2,750	839	892	1,195	1,989	2,225	1,400
Middle Atlantic.....	30,582	6,718	5,306	5,702	4,552	8,905	4,792
New York.....	9,338	2,659	2,391	1,936	2,151	5,414	1,628
New Jersey.....	3,342	1,368	1,151	415	1,057	1,747	968
Pennsylvania.....	17,902	2,691	1,764	3,351	1,344	1,744	2,196
East North Central.....	94,659	13,452	16,727	16,340	10,441	17,478	12,604
Ohio.....	23,903	5,080	4,103	4,516	2,301	3,889	3,485
Indiana.....	12,445	1,624	2,311	2,498	1,396	1,456	1,856
Illinois.....	15,975	3,131	3,654	3,357	2,755	5,451	2,956
Michigan.....	29,036	1,783	5,297	4,247	3,307	5,579	3,446
Wisconsin.....	13,300	1,834	1,362	1,722	682	1,103	861
West North Central.....	11,053	2,249	1,509	1,196	2,094	1,974	1,233
Minnesota.....	1,731	444	372	63	349	780	192
Iowa.....	5,198	513	276	516	244	(D)	440
Missouri.....	2,287	1,003	807	358	1,209	856	336
North Dakota.....	(D)	-	-	-	-	-	-
South Dakota.....	(D)	-	-	(D)	(D)	-	(D)
Nebraska.....	185	86	(D)	(D)	(D)	(D)	(D)
Kansas.....	1,587	203	(D)	236	198	148	194
South Atlantic.....	8,224	1,203	399	552	1,582	2,416	1,297
Delaware.....	(D)	(D)	-	(D)	19	(D)	(D)
Maryland.....	659	153	(D)	53	246	181	313
District of Columbia.....	-	-	-	-	-	(D)	(D)
Virginia.....	(D)	137	(D)	76	208	(D)	116
West Virginia.....	941	308	6	209	129	112	94
North Carolina.....	1,041	135	88	(D)	406	(D)	161
South Carolina.....	839	44	(D)	(D)	101	133	280
Georgia.....	825	(D)	(D)	149	280	488	178
Florida.....	308	276	37	6	193	942	142
East South Central.....	15,172	1,781	1,099	927	1,305	1,009	1,009
Kentucky.....	1,370	295	170	383	582	177	336
Tennessee.....	4,990	(D)	356	264	412	651	294
Alabama.....	8,791	1,214	535	132	185	109	147
Mississippi.....	21	(D)	38	148	126	72	232
West South Central.....	7,174	1,080	310	3,096	761	1,544	1,121
Arkansas.....	(D)	173	216	(D)	145	111	83
Louisiana.....	969	52	-	20	(D)	26	55
Oklahoma.....	(D)	179	35	(D)	(D)	356	166
Texas.....	4,982	676	59	2,319	534	1,051	817
Mountain.....	1,324	439	9	100	407	584	337
Montana.....	-	-	-	(D)	-	(D)	(D)
Idaho.....	(D)	-	-	(D)	-	(D)	(D)
Wyoming.....	-	-	-	-	-	-	-
Colorado.....	480	265	(D)	75	163	193	211
New Mexico.....	-	-	(D)	-	12	42	5
Arizona.....	(D)	(D)	-	-	223	245	42
Utah.....	472	(D)	-	(D)	9	64	48
Nevada.....	-	-	-	-	-	-	-
Pacific.....	8,383	3,516	1,973	2,400	2,793	7,442	1,945
Washington.....	(D)	(D)	(D)	91	74	223	123
Oregon.....	1,605	322	(D)	102	224	251	(D)
California.....	5,978	3,026	1,840	2,207	2,495	6,929	1,740
Alaska.....	-	-	-	-	-	-	-
Hawaii.....	(D)	(D)	-	-	-	39	(D)

Note: Precise measurement of coverage percentages are not available for geographic divisions and States. However, coverage ranges for significant metalworking States would range between 85 and 95 percent.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>See footnote 1, table 1B.

<sup>2</sup>See footnote 2, table 1B.

<sup>3</sup>Represents the total number of production workers classified in the plating and polishing industry. Most of these establishments perform electroplating operations.

TABLE 2. Number of Production Workers Engaged in Selected Metalworking Operations, by Divisions and States: 1967-Continued

Division and State	Automatic screw machine department	Machine shop	Tool and die shops	Foundry pattern shop	Plate or structural fabrication	Stamping, blanking and forming on metals	Painting, lacquering, and enameling on metals
United States, total.....	54,981	700,419	154,696	17,543	196,277	308,634	93,603
New England.....	8,475	74,694	12,992	1,023	9,116	18,274	4,645
Maine.....	108	1,479	105	37	657	451	212
New Hampshire.....	286	2,784	392	76	334	713	126
Vermont.....	66	2,951	451	14	223	151	73
Massachusetts.....	2,679	29,459	4,624	485	4,405	6,737	2,130
Rhode Island.....	457	4,327	307	94	297	826	186
Connecticut.....	4,879	33,694	7,113	317	3,200	9,396	1,918
Middle Atlantic.....	10,634	127,938	24,875	3,521	37,707	49,717	13,901
New York.....	4,648	47,661	10,784	1,017	8,805	17,904	4,521
New Jersey.....	2,585	25,492	4,670	593	5,256	10,479	3,763
Pennsylvania.....	3,401	54,785	9,421	1,911	23,646	21,334	5,617
East North Central.....	22,658	291,202	80,720	8,309	50,847	152,056	36,842
Ohio.....	6,291	80,746	18,198	2,038	15,825	40,441	9,158
Indiana.....	2,600	38,396	9,553	960	6,347	17,227	4,253
Illinois.....	5,661	61,507	14,448	1,341	15,589	32,459	8,094
Michigan.....	6,111	81,318	33,535	3,059	5,917	49,270	10,698
Wisconsin.....	1,995	29,235	4,986	911	7,169	12,659	4,639
West North Central.....	2,782	37,121	10,010	1,150	14,413	20,624	8,223
Minnesota.....	653	10,389	1,624	238	3,233	5,363	1,564
Iowa.....	626	8,303	1,530	199	3,154	3,176	1,526
Missouri.....	999	10,999	3,800	300	4,548	7,810	2,997
North Dakota.....	-	76	(D)	(D)	60	114	29
South Dakota.....	(D)	131	(D)	(D)	258	98	36
Nebraska.....	(D)	1,818	408	16	654	1,308	582
Kansas.....	287	5,405	2,619	390	2,506	2,755	1,489
South Atlantic.....	2,635	33,591	4,823	603	19,499	16,039	8,288
Delaware.....	(D)	733	100	10	509	(D)	700
Maryland.....	467	8,414	1,267	86	2,560	2,826	1,816
District of Columbia.....	-	65	-	-	(D)	(D)	6
Virginia.....	86	5,131	443	151	(D)	1,987	995
West Virginia.....	(D)	2,084	166	32	996	1,917	752
North Carolina.....	1,145	5,722	829	115	1,976	2,198	727
South Carolina.....	317	3,714	420	46	1,054	1,267	392
Georgia.....	281	3,487	822	94	2,311	3,304	1,974
Florida.....	246	4,241	776	69	3,166	2,317	926
East South Central.....	1,658	17,350	3,201	723	12,080	15,137	6,724
Kentucky.....	578	4,291	1,116	117	1,514	5,171	2,318
Tennessee.....	613	6,416	1,288	204	(D)	4,654	2,344
Alabama.....	372	4,669	415	402	(D)	1,820	967
Mississippi.....	95	1,974	382	-	1,417	3,492	1,095
West South Central.....	1,417	31,817	4,541	1,089	25,005	10,710	5,488
Arkansas.....	158	1,993	321	43	745	1,540	555
Louisiana.....	78	2,571	174	83	5,579	1,494	984
Oklahoma.....	320	4,349	676	115	3,715	1,320	465
Texas.....	861	22,904	3,370	848	14,966	6,356	3,484
Mountain.....	293	8,761	1,037	259	3,315	1,854	789
Montana.....	-	24	-	-	65	(D)	(D)
Idaho.....	-	103	(D)	(D)	301	164	23
Wyoming.....	(D)	58	(D)	-	(D)	-	(D)
Colorado.....	118	3,391	404	53	1,184	595	292
New Mexico.....	-	341	32	-	173	22	35
Arizona.....	98	3,791	444	21	698	840	352
Utah.....	(D)	1,027	150	(D)	806	224	72
Nevada.....	-	26	-	(D)	(D)	(D)	6
Pacific.....	4,429	77,945	12,497	866	24,295	24,223	8,703
Washington.....	90	6,060	968	(D)	4,024	1,822	903
Oregon.....	200	4,012	(D)	104	2,188	786	355
California.....	4,139	67,719	11,092	689	17,905	21,603	7,392
Alaska.....	-	7	-	-	(D)	(D)	(D)
Hawaii.....	-	147	(D)	(D)	(D)	(D)	(D)

Note: Precise measurement of coverage percentages are not available for geographic divisions and States. However, coverage ranges for significant metalworking States would range between 85 and 95 percent.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>See footnote 1, table 1B.

<sup>2</sup>See footnote 2, table 1B.

<sup>3</sup>Represents the total number of production workers classified in the plating and polishing industry. Most of these establishments perform electroplating operations.





## Chapter 9

# Concentration Ratios

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## CONCENTRATION RATIOS

### GENERAL

This special report provides concentration ratios and other information on the share of industrial activity accounted for by the largest companies, both for the United States as a whole and for each of approximately 422 manufacturing industries. It brings forward the information published in the 1966 Annual Survey of Manufactures reports, *Value of Shipment Concentration Ratios by Industry*, M66(AS)-8 and M66(AS)-8 Supplement. The latter report was also published as chapter 9 of the 1966 Annual Survey of Manufactures volume.

### CONCENTRATION RATIOS AND THE ESTABLISHMENT BASIS OF REPORTING

The concentration ratios based on census of manufactures data have consistently been prepared from establishment reports. Virtually all other studies have been prepared on a consolidated company basis; that is, the entire sales or assets of a given company are tabulated under one industry heading. Under the establishment system, on the other hand, the shipments of a given company are distributed among all of the industries in which it has establishments. In tables 1 through 4 in this report, which reflect the activity of the largest companies in the industrial sector as a whole, the establishment approach means that only the manufacturing establishments of these companies are taken into account in determining their size. In table 5, a "company" is defined as the total of the individual establishments under one ownership within an industry. Consequently, the same company may appear in several industries, if it has diversified activities.

### CONCENTRATION RATIOS AND THE SIC SYSTEM

In essence, the SIC system seeks to establish spheres of economic activity which are unique and distinguishable from other spheres because of a composite of similar characteristics which they have in common. These characteristics include similarity of products in terms of their uses and the bringing together of plants which specialize in making these products and account for a significant proportion of their total shipments. They also include similarity of processes, similarity of materials used, and the bringing together of a group of plants which are economically significant in terms of their number, value added by manufacture, value of shipments, and number of employees. These standards flow very largely from the actual structure into which American businesses have grouped themselves and it is these characteristics that make it the best single system for the largest number of uses. In the great majority of instances, an industry is comprised of producers of similar goods or services. Usually, but not always, the products are made of similar materials and by similar processes and the producers usually compete with one another.

For the purpose of measuring concentration, the fact that the classification system is not based exclusively on the usage of the product is somewhat of a limitation, since in the economic concept of the market it is immaterial whether products which are substitutable for each other are produced by the same processes or made from the same materials. In some cases, the industry and product definitions are too broad; that is, there are included in the same category products which do not serve the same function and are thus not substitutable for each other. In other cases they are too narrow; that is, a single category fails to include products which are substitutable, for example, metal and glass containers.



Another limitation is the fact that the classification's industries and products are regularly being redefined. The need for redefinition arises particularly from the introduction of new products, the declining importance of older products, the introduction of new technologies, the growth of small fields into important industries, and similar dynamic developments. While necessary to keep the classification abreast of the changing nature of the economy, an inevitable cost of redefinition is the loss of comparability for many categories over time. Among other limitations of concentration ratios, may be mentioned the problems associated with industries which have local or regional rather than national markets, and the necessity for using domestic production (or its approximate equivalent in shipments), rather than domestic consumption, as a measure of the size of the market. These and other qualifications are discussed at greater length in the introduction to the 1963 Census report, *Concentration Ratios in Manufacturing Industry, Part 1*.

**TABLES 1 THROUGH 4**—These tables reflect the activity of the largest companies in the industrial sector as a whole. A "company" is defined for this purpose as the total of its industrial establishments, including not only its manufacturing plants but also auxiliary establishments such as warehouses and central administrative offices.

Concentration at this level is measured in terms of value added by manufacture. In these census tabulations, value added is preferable to sales or shipments in measuring total company size, since an aggregation of shipments from the census establishment records would contain duplication owing to intracompany transfers of products. Value added for all manufacturing establishments of a given company was aggregated irrespective of the industry classification of the individual establishments. The companies were then arrayed by magnitude of value added in each specified year and totals computed for the 50, 100, 150, and 200 largest companies.

The standard formula for calculating value added by manufacture since 1958 differs from the one used for the 1954 census and earlier years. During the earlier period, the value added of an establishment was calculated by subtracting the cost of materials, supplies, containers, fuels, purchased electric energy, and contract work from the value of shipments for products manufactured plus miscellaneous receipts for services rendered. This is known as unadjusted value added in census publications. Beginning with 1958, the measure of value added has been adjusted for each establishment in two respects. Value added now includes: (1) Value added by merchandising (that is, the difference between the sales value and cost of merchandise sold without further manufacture, processing or assembly); and (2) an adjustment for the net change in finished goods and work-in-process inventories between the beginning and the end of the year. The resulting figure is the adjusted value added.

Thus, the rankings of the 200 largest companies in 1947 and 1954 were based on unadjusted value added; those for later years were based on adjusted value added. The use of these different measures for determining size should have little effect on the ranking and relative shares of individual companies or on the aggregate shares of the 50, 100, 150, or 200 largest companies in each year.

Except for tables 2 and 3, companies were classified in size groups in each particular year based on their size in that year. Thus, a size group (such as the top four) does not necessarily include the same companies from year to year. The extent to which large companies have grown or declined over the years is reflected in tables 2 and 3. Table 3 shows, for example, that, of the companies which constituted the 50 largest in 1967, only 24 were among the 50 largest 20 years earlier.

**TABLE 1. Share of Total Value Added by Manufacture Accounted for by the Largest 200 Manufacturing Companies: 1967 and Earlier Years**

Company rank group	Percent of total value added by manufacture						
	1967	1966	1963	1962	1958	1954	1947
Largest 50 companies.....	25	25	25	24	23	23	17
Largest 100 companies.....	33	33	33	32	30	30	23
Largest 150 companies.....	38	38	37	36	35	34	27
Largest 200 companies.....	42	42	41	40	38	37	30

Note: 1962 and 1966 based on the Annual Survey of Manufactures, other years on the Census of Manufactures. "Largest companies" are those which were the largest in each of the specified years.

**TABLE 2. Share of Total Value Added by Manufacture Accounted for by the 50 and 100 Largest Identical Manufacturing Companies in 1967 and Earlier Years**

Specified year and company rank group (a)	Percent of value added by manufacture in each year accounted for by the largest companies in the specified year in column (a)						
	1967 (b)	1966 (c)	1963 (d)	1962 (e)	1958 (f)	1954 (g)	1947 (h)
<u>1967</u>							
Largest 50 companies.....	25	25	24	24	22	21	15
Largest 100 companies.....	33	33	32	31	29	28	20
<u>1966</u>							
Largest 50 companies.....	24	25	24	24	22	21	14
Largest 100 companies.....	32	33	32	31	29	28	21
<u>1963</u>							
Largest 50 companies.....	24	24	25	24	23	22	15
Largest 100 companies.....	32	33	33	32	30	29	22
<u>1962</u>							
Largest 50 companies.....	24	25	25	24	23	22	15
Largest 100 companies.....	33	33	32	32	30	29	21
<u>1958</u>							
Largest 50 companies.....	23	24	24	24	23	23	16
Largest 100 companies.....	31	31	32	31	30	29	22
<u>1954</u>							
Largest 50 companies.....	23	23	24	23	23	23	16
Largest 100 companies.....	31	31	31	30	30	30	21
<u>1947</u>							
Largest 50 companies.....	20	21	21	21	20	21	17
Largest 100 companies.....	27	27	28	27	27	27	23

Note: The 100 largest companies in each specified year were selected and their proportion of total value added by manufacture in each of the other years was computed. This table thus measures the changes in concentration ratios for a fixed group of companies from one year to another. In case of mergers, the larger of the two at the time of merger was considered to be the predecessor company.



TABLE 3. Changes in Rank of the 50 Largest Identical Companies: 1967 and Earlier Years

Specified year and company rank group	Number of companies in the rank group in--						
	1967	1966	1963	1962	1958	1954	1947
<b>1967</b>							
Among 50 largest.....	50	46	43	41	35	32	24
Among 51st to 100th largest.....	-	3	6	8	8	12	10
Among 101st to 200th largest.....	-	1	1	1	6	4	12
Not among 200 largest.....	-	-	-	-	1	2	4
<b>1966</b>							
Among 50 largest.....	46	50	42	43	36	33	25
Among 51st to 100th largest.....	3	-	8	6	9	12	10
Among 101st to 200th largest.....	-	-	-	1	4	3	12
Not among 200 largest.....	1	-	-	-	1	2	3
<b>1963</b>							
Among 50 largest.....	43	42	50	46	42	38	30
Among 51st to 100th largest.....	7	8	-	4	6	10	10
Among 101st to 200th largest.....	-	-	-	-	2	2	10
Not among 200 largest.....	-	-	-	-	-	-	-
<b>1962</b>							
Among 50 largest.....	41	43	46	50	42	38	29
Among 51st to 100th largest.....	9	7	4	-	7	11	10
Among 101st to 200th largest.....	-	-	-	-	1	1	10
Not among 200 largest.....	-	-	-	-	-	-	1
<b>1958</b>							
Among 50 largest.....	35	36	42	42	50	45	34
Among 51st to 100th largest.....	14	14	8	8	-	5	10
Among 101st to 200th largest.....	1	-	-	-	-	-	6
Not among 200 largest.....	-	-	-	-	-	-	-
<b>1954</b>							
Among 50 largest.....	32	33	38	38	45	50	35
Among 51st to 100th largest.....	16	16	11	11	4	-	11
Among 101st to 200th largest.....	1	-	1	1	1	-	3
Not among 200 largest.....	1	1	-	-	-	-	1
<b>1947</b>							
Among 50 largest.....	24	25	30	29	34	35	50
Among 51st to 100th largest.....	17	18	16	16	12	12	-
Among 101st to 200th largest.....	5	4	3	5	4	3	-
Not among 200 largest.....	4	3	1	-	-	-	-

Note: 1962 and 1966 based on the Annual Survey of Manufactures, other years on the Census of Manufactures.

The 50 largest companies in each specified year were selected and the rank group of the same companies determined in other years. This table thus measures the shifting of position of a fixed group of companies from one year to another. In case of mergers, the larger of the two at the time of the merger was considered to be the predecessor company.

Table 4. Share of Value Added, Employment, Payrolls, Value of Shipments and Capital Expenditures Accounted for by the 200 Largest Companies: 1967 and 1963

Company rank group based on value added by manufacture	Value added by manufacture	All employees <sup>1</sup>		Production workers			Value of shipments <sup>2</sup>	Capital expenditures (new)
		Number	Payroll	Number	Man-hours	Wages		
50 largest.....1967..	25	20	25	18	18	23	25	27
.....1963..	25	19	24	17	17	22	25	28
51st to 100th largest...1967..	8	6	7	5	6	6	8	13
.....1963..	8	6	8	6	6	7	9	10
101st to 150th largest..1967..	5	4	5	4	4	4	6	6
.....1963..	5	4	4	3	3	4	4	4
151st to 200th largest..1967..	4	4	3	3	3	3	4	4
.....1963..	4	3	3	2	2	3	4	4
200 largest.....1967..	42	34	40	30	31	37	43	51
.....1963..	41	31	39	28	29	36	42	46

Note: All percentages are independently rounded and do not necessarily add to totals.

<sup>1</sup>Includes employees in central administrative offices and auxiliaries serving manufacturing establishments.

<sup>2</sup>Includes a substantial but unmeasurable amount of duplication because of shipments of materials and products among manufacturing establishments for further processing.

**TABLE 5**—This table is based on the establishment approach described in the general introduction. A "company" is defined as the total of the individual establishments under one ownership within an industry. Consequently, the same company may appear in several industries if it has diversified activities. In addition, the following points should be kept in mind:

(1) The top four, eight, 20, and 50 companies are the largest for any particular year based on their value of shipments in that year and are therefore not necessarily the same companies from year to year.

(2) For a few industries, as indicated by footnotes, value added by manufacture rather than value of shipments has been used to determine the size of companies. This is considered necessary for industries in which the aggregate value of shipments contains a large amount of duplication because of shipments of semifinished products between establishments. An example is SIC 3585, Refrigeration Machinery, in which there are extensive intraindustry sales and transfers of components and subassemblies to producers of complete refrigerators and air conditioners. (The historical changes in the method for calculating value added by manufacture are described in the introduction to tables 1 through 4.)

(3) Ratios are shown for years prior to 1967 only if the SIC industry definitions were considered comparable. As noted in the general introduction, there were extensive revisions in the SIC in 1957 which, in table 5, result in suppression of data for 1958 and earlier years for a substantial number of industries. In general, the criteria used for judging the comparability of definitions was the effect of the change on number of employees in the industry under the old and new definitions. If the new definition caused more than a 2-percent change, the historical data were suppressed.

(4) The 1966 concentration ratios are based on data developed in the Annual Survey of Manufactures. Since the industry aggregates which provide the denominators in the concentration ratios are based on a sample, they are subject to sampling errors. In the 1966 concentration report referred to in the general introduction, sampling errors for each industry as well as a more complete description of the Annual Survey of Manufactures sample are shown.

TABLE 5. Percent of Value of Shipments Accounted for by the Largest Companies in Each Manufacturing Industry: 1967 and Earlier Years

Code	Industry and year <sup>1</sup>	Companies <sup>2</sup>  (number)	Value of shipments <sup>3</sup>				Primary product specialization ratio <sup>5</sup>  (percent)	Coverage ratio <sup>6</sup>  (percent)		
			Total  (million dollars)	Percent accounted for by-- <sup>4</sup>						
				4 largest companies	8 largest companies	20 largest companies	50 largest companies			
			MAJOR GROUP 20. FOOD AND KINDRED PRODUCTS							
2011	Meatpacking plants.....1967....	2,529	72,220.5	26	38	50	62	98	85	
	1966....	(NA)	72,025.5	27	39	(NA)	(NA)	(NA)	(NA)	
	1963....	2,833	71,908.3	31	42	54	64	98	86	
	1958....	2,646	71,677.1	34	46	57	65	98	88	
	1954....	2,228	71,394.5	39	51	60	(NA)	98	87	
	1947....	1,999	7977.1	41	54	63	(NA)	(NA)	(NA)	
2013	Sausages and other prepared meats.....1967....	1,294	7742.5	15	22	34	51	96	46	
	1966....	(NA)	7624.6	16	23	(NA)	(NA)	(NA)	(NA)	
	1963....	1,273	7563.4	16	23	35	51	94	38	
2015	Poultry dressing plants.....1967....	709	2,936.1	15	23	35	51	99	98	
	1966....	(NA)	2,754.1	17	24	(NA)	(NA)	(NA)	(NA)	
	1963....	842	2,240.9	14	20	30	47	98	98	
2021	Creamery butter.....1967....	510	958.8	15	22	36	60	71	75	
	1966....	(NA)	975.6	(S)	(S)	(NA)	(NA)	(NA)	(NA)	
	1963....	725	988.8	11	19	31	48	69	77	
	1958....	997	947.4	11	18	28	45	70	80	
	1954....	1,172	926.4	16	24	34	(NA)	74	77	
	1947 <sup>8</sup> ....	1,482	844.7	18	24	32	(NA)	79	84	
2022	Cheese, natural and process.....1967....	891	1,707.8	44	51	61	72	93	98	
	1966....	(NA)	1,552.3	44	51	(NA)	(NA)	(NA)	(NA)	
	1963....	982	1,170.8	44	51	59	69	93	96	
2023	Condensed and evaporated milk.....1967....	179	1,263.0	41	56	74	90	82	71	
	1966....	(NA)	1,099.5	45	59	(NA)	(NA)	(NA)	(NA)	
	1963....	167	937.9	40	53	71	90	80	66	
2024	Ice cream and frozen desserts.....1967....	713	1,059.4	33	43	60	73	97	73	
	1966....	(NA)	1,142.2	33	44	(NA)	(NA)	(NA)	(NA)	
	1963....	901	1,076.5	37	48	64	74	93	74	
	1958....	1,171	877.7	38	48	59	69	94	71	
	1954....	1,375	727.4	36	45	57	(NA)	93	70	
	1947 <sup>9</sup> ....	1,273	611.8	40	48	57	(NA)	90	87	
2026	Fluid milk.....1967....	2,988	7,826.0	22	30	42	51	90	96	
	1966....	(NA)	7,434.9	23	30	(NA)	(NA)	(NA)	(NA)	
	1963....	4,030	7,025.9	23	30	40	48	90	95	
	1958....	5,008	5,802.0	23	29	37	45	90	95	
	1954 <sup>9</sup> ....	(NA)	4,586.8	22	28	(NA)	(NA)	(NA)	(NA)	
2031	Canned and cured seafoods.....1967....	268	<sup>11</sup> 523.1	44	59	73	85	92	95	
	1966....	(NA)	<sup>11</sup> 548.1	42	56	(NA)	(NA)	(NA)	(NA)	
	1963 <sup>10</sup> ....	345	<sup>11</sup> 452.5	38	51	66	80	92	95	
2032	Canned specialties.....1967....	150	<sup>11</sup> 1,361.9	69	83	94	99	82	91	
	1966....	(NA)	<sup>11</sup> 1,456.9	63	79	(NA)	(NA)	(NA)	(NA)	
	1963....	154	<sup>11</sup> 1,169.3	67	83	94	99	80	91	
2033	Canned fruits and vegetables.....1967....	930	<sup>11</sup> 3,467.8	22	34	52	70	90	93	
	1966....	(NA)	<sup>11</sup> 3,215.8	24	35	(NA)	(NA)	(NA)	(NA)	
	1963....	1,135	<sup>11</sup> 2,742.8	24	34	50	66	89	91	
2034	Dehydrated foods products.....1967....	134	420.8	32	50	75	96	94	86	
	1966....	(NA)	395.2	31	50	(NA)	(NA)	(NA)	(NA)	
	1963....	126	318.7	37	56	80	96	96	89	
	1958....	130	267.3	45	66	82	98	97	93	
	1954....	119	192.2	48	69	87	(NA)	95	97	
	1947....	120	51.1	56	71	86	(NA)	96	90	
2035	Pickles, sauces, salad dressing.....1967....	479	<sup>11</sup> 818.9	33	44	62	80	81	80	
	1966....	(NA)	<sup>11</sup> 817.5	33	44	(NA)	(NA)	(NA)	(NA)	
	1963....	541	<sup>11</sup> 677.3	36	46	64	79	79	82	
2036	Fresh or frozen packaged fish.....1967....	463	<sup>11</sup> 557.4	26	38	56	72	97	94	
	1966....	(NA)	<sup>11</sup> 492.7	33	48	(NA)	(NA)	(NA)	(NA)	
	1963....	528	<sup>11</sup> 391.2	25	38	53	68	95	94	
	1958....	429	<sup>11</sup> 282.7	18	30	47	68	93	96	
	1954 <sup>12</sup> ....	288	<sup>11</sup> 164.6	24	37	56	(NA)	94	95	
2037	Frozen fruits and vegetables.....1967....	495	<sup>11</sup> 2,081.6	24	36	55	74	92	90	
	1966....	(NA)	<sup>11</sup> 1,884.6	24	37	(NA)	(NA)	(NA)	(NA)	
	1963....	566	<sup>11</sup> 1,548.7	24	37	54	70	89	89	

See footnotes at end of table.



TABLE 5. Percent of Value of Shipments Accounted for by the Largest Companies in Each Manufacturing Industry: 1967 and Earlier Years—Continued

Code	Industry and year <sup>1</sup>	Companies <sup>2</sup>  (number)	Value of shipments <sup>3</sup>				Primary product specialization ratio <sup>5</sup> (percent)	Coverage ratio <sup>6</sup> (percent)		
			Total (million dollars)	Percent accounted for by-- <sup>4</sup>						
				4 largest companies	8 largest companies	20 largest companies	50 largest companies			
			MAJOR GROUP 20. FOOD AND KINDRED PRODUCTS--Continued							
2041	Flour and other grain mill products.....	1967.... 1966.... 1963.... 1958.... 1954.... 1947.... 1935....	438 (NA) 510 703 692 1,084 (NA)	2,457.4 2,344.9 2,176.5 1,970.0 1,858.9 2,526.6 853.2	30 31 35 38 40 29 29	46 47 50 51 52 41 37	70 (NA) 71 68 68 57 (NA)	89 (NA) 88 85 (NA) (NA) (NA)	93 (NA) 94 93 94 92 (NA)	78 (NA) 78 85 84 92 (NA)
2042	Prepared feeds for animals and fowls.....	1967.... 1966.... 1963.... 1958.... 1954.... 1947.... 1935....	1,835 (NA) 2,150 2,016 2,037 2,372 (NA)	4,796.9 4,438.4 3,880.1 2,942.0 2,702.3 2,112.2 (NA)	23 23 22 22 21 19 23	31 31 28 30 29 27 34	42 (NA) 40 43 43 40 (NA)	58 (NA) 54 56 (NA) (NA) (NA)	97 (NA) 96 97 95 95 (NA)	94 (NA) 93 91 90 89 (NA)
2043	Cereal preparations.....	1967.... 1966.... 1963.... 1958.... 1954.... 1947.... 1935....	30 (NA) 35 34 37 55 (NA)	793.0 742.9 625.1 433.0 345.8 284.3 (NA)	88 87 86 83 88 79 68	97 (S) 96 95 95 91 82	99+ (NA) 99+ 99+ 99+ 98 (NA)	100 (NA) 100 100 100 (NA) (NA)	81 (NA) 80 80 77 68 (NA)	82 (NA) 86 81 80 87 (NA)
2044	Rice milling.....	1967.... 1966.... 1963.... 1958.... 1954.... 1947.... 1935....	54 (NA) 62 61 65 75 (NA)	548.4 457.6 423.0 282.3 266.9 224.7 (NA)	46 45 44 43 41 33 38	68 (S) 66 64 60 48 52	89 (NA) 86 84 81 72 (NA)	99+ (NA) 99+ 99 (NA) (NA) (NA)	100 (NA) 100 100 99 100 (NA)	98 (NA) 100 100 100 100 (NA)
2045	Blended and prepared flour.....	1967.... 1966.... 1963....	126 (NA) 140	547.5 502.9 434.0	68 69 70	82 (S) 82	93 (NA) 92	98 (NA) 98	78 (NA) 78	63 (NA) 62
2046	Wet corn milling.....	1967.... 1966.... 1963.... 1958.... 1954.... 1947.... 1935....	32 (NA) 49 53 54 47 (NA)	751.3 755.3 622.4 522.0 458.4 460.0 (NA)	68 67 71 73 75 95 79	89 90 93 92 93 95 95	99+ (NA) 99 99 99 99+ (NA)	100 (NA) 100 99+ 99+ 100 (NA)	84 (NA) 83 91 91 88 (NA)	96 (NA) 93 96 96 96 (NA)
2051	Bread, cake, and related products.....	1967.... 1966.... 1963.... 1958.... 1954.... 1947....	3,445 (NA) 4,339 5,305 5,470 5,985	5,102.7 5,007.2 4,506.0 3,699.5 3,067.0 2,403.6	26 25 23 22 20 16	38 37 35 33 31 26	47 (NA) 45 42 40 36	58 (NA) 56 51 (NA) (NA)	97 (NA) 98 98 98 98	99 (NA) 99 99 99 99
2052	Cookies and crackers.....	1967.... 1966.... 1963....	286 (NA) 286	1,363.8 1,327.3 1,150.1	59 59 59	70 68 68	82 (NA) 80	91 (NA) 91	97 (NA) 97	93 (NA) 95
2061	Raw cane sugar <sup>10</sup> .....	1967.... 1966.... 1963....	61 (NA) 50	368.5 313.5 378.7	43 50 47	65 72 65	82 (NA) 82	99+ (NA) 100	100 (NA) 99	100 (NA) 100
2062	Cane sugar refining <sup>10</sup> .....	1967.... 1966.... 1963....	22 (NA) 16	1,375.7 1,219.9 1,271.2	59 63 63	82 87 83	99+ (NA) 100	100 (NA) (X)	100 (NA) 100	100 (NA) 100
2063	Beet sugar.....	1967.... 1966.... 1963.... 1958.... 1954.... 1947.... 1935....	15 (NA) 11 15 15 17 (NA)	560.7 579.5 564.1 382.1 291.2 262.9 (NA)	66 68 66 64 66 68 68	96 97 97 94 96 94 89	100 (NA) 100 100 100 100 (NA)	(X) (NA) (X) (X) (X) (X) (NA)	100 (NA) 100 100 100 100 (NA)	100 (NA) 100 100 100 100 (NA)
2071	Confectionery products.....	1967.... 1966.... 1963.... 1958.... 1954.... 1947.... 1935....	1,091 (NA) 1,142 1,301 1,388 1,620 (NA)	1,870.2 1,681.5 1,454.5 1,170.1 992.6 994.9 (NA)	25 24 15 18 19 17 12	35 34 25 27 27 25 19	52 (NA) 45 44 43 39 (NA)	69 (NA) 64 62 (NA) (NA) (NA) (NA)	97 (NA) 95 96 95 97 (NA)	94 (NA) 95 96 96 97 (NA)

See footnotes at end of table.

TABLE 5. Percent of Value of Shipments Accounted for by the Largest Companies in Each Manufacturing Industry: 1967 and Earlier Years—Continued

Code	Industry and year <sup>1</sup>	Companies <sup>2</sup>  (number)	Value of shipments <sup>3</sup>				Primary product specialization ratio <sup>5</sup> (percent)	Coverage ratio <sup>6</sup> (percent)		
			Total  (million dollars)	Percent accounted for by-- <sup>4</sup>						
				4 largest companies	8 largest companies	20 largest companies	50 largest companies			
MAJOR GROUP 20. FOOD AND KINDRED PRODUCTS--Continued										
2072	Chocolate and cocoa products.....	1967.... 1966.... 1963.... 1958.... 1954.... 1947.... 1935....	27 (NA) 24 26 27 31 (NA)	520.5 471.0 479.1 446.8 423.8 349.9 (NA)	77 78 75 71 70 68 67	89 90 87 84 83 81 77	99+ (NA) 100 100 100 100 100	100 (NA) (NA) 99 98 98 99 (NA)	96 (NA) (NA) 99 98 98 99 (NA)	75 (NA) 82 87 89 100 (NA)
2073	Chewing gum.....	1967.... 1966.... 1963.... 1958.... 1954.... 1947.... 1935....	19 (NA) 20 24 27 35 (NA)	303.7 281.7 224.8 184.3 158.1 148.3 (NA)	86 88 90 89 86 70 97	96 96 100 96 94 87 (NA)	100 (NA) 100 99+ 99+ 98 (NA)	(X) (NA) (X) 100 100 100 (NA)	86 (NA) 88 91 95 (D) (NA)	95 (NA) 96 96 98 (D) (NA)
2082	Malt liquors.....	1967.... 1966.... 1963 <sup>13</sup> .... 1958.... 1954.... 1947.... 1935....	125 (NA) 171 211 263 404 (NA)	2,929.7 2,699.9 2,315.1 1,979.7 1,857.1 1,316.0 (NA)	40 39 34 28 27 21 11	59 56 52 44 41 30 17	86 (NA) 78 68 60 44 (NA)	98 (NA) 94 88 (NA) (NA) (NA)	100 (NA) 100 100 100 100 (NA)	100 (NA) 100 100 100 99 (NA)
2083	Malt.....	1967.... 1966.... 1963.... 1958.... 1954.... 1947.... 1935....	32 (NA) 29 32 35 41 (NA)	216.5 205.5 183.5 183.4 202.0 256.2 (NA)	39 41 38 50 49 49 44	62 64 62 70 69 69 65	94 (NA) 95 95 93 92 (NA)	100 (NA) 100 100 100 100 (NA)	97 (NA) 100 100 100 100 (NA)	100 (NA) 95 98 100 100 (NA)
2084	Wines, brandy and brandy spirits <sup>14</sup> .....	1967.... 1966.... 1963.... 1958.... 1954.... 1947....	175 (NA) 194 216 244 379	<sup>7</sup> 196.8 <sup>7</sup> 193.4 <sup>7</sup> 137.3 <sup>7</sup> 101.7 <sup>7</sup> 96.7 <sup>7</sup> 95.0	48 41 44 35 38 26	63 56 62 50 54 42	81 (NA) 76 70 71 55	68 (NA) 90 87 (NA) (NA)	97 (NA) 98 98 (NA) (NA)	94 (NA) 99 96 (NA) 100
2085	Distilled liquor, except brandy.....	1967.... 1966.... 1963.... 1958.... 1954.... 1947.... 1935....	70 (NA) 70 88 98 144 (NA)	<sup>11</sup> 1,364.2 <sup>11</sup> 1,331.6 <sup>11</sup> 1,090.5 <sup>11</sup> 830.2 <sup>11</sup> 711.3 <sup>11</sup> 870.2 (NA)	54 55 58 60 64 75 51	71 72 74 77 79 86 71	88 (NA) 92 94 93 95 (NA)	99 (NA) 99 99 (NA) (NA)	98 (NA) 98 98 99+ 99 (NA)	98 (NA) 99 100 99 (NA)
2086	Bottled and canned soft drinks.....	1967.... 1966.... 1963.... 1958.... 1954.... 1947.... 1935....	3,057 (NA) 3,569 3,989 4,334 5,169 (NA)	3,173.2 2,734.9 2,210.9 1,434.9 1,113.1 748.2 (NA)	13 14 12 11 10 10 8	20 20 17 15 14 14 13	28 (NA) 24 22 21 20 (NA)	38 (NA) 34 28 (NA) (NA)	98 (NA) 98 98 98 99 (NA)	96 (NA) 95 98 99 99 (NA)
2087	Flavorings extracts and sirups, n.e.c.....	1967.... 1966.... 1963.... 1958.... 1954.... 1947.... 1935....	401 (NA) 492 498 530 582 (NA)	1,009.1 974.4 729.7 494.9 446.1 313.6 (NA)	67 63 62 55 53 50 47	75 71 70 67 63 58 54	82 (NA) 78 78 75 68 (NA)	90 (NA) 86 87 (NA) (NA)	94 (NA) 90 91 93 (NA)	85 (NA) 78 83 87 89 (NA)
2091	Cottonseed oil mills.....	1967.... 1966.... 1963.... 1958.... 1954.... 1947.... 1935....	91 (NA) 115 125 145 177 (NA)	405.9 560.8 555.2 383.4 546.4 518.1 187.9	42 38 41 42 47 43 32	60 56 56 54 57 55 43	80 (NA) 72 71 72 68 (NA)	96 (NA) 91 91 (NA) (NA)	85 (NA) 89 92 96 90 (NA)	85 (NA) 91 92 93 99 (NA)
2092	Soybean oil mills.....	1967.... 1966.... 1963.... 1958.... 1954.... 1947....	60 (NA) 68 <sup>15</sup> 66 55 105	2,148.3 2,009.8 1,473.4 999.2 826.4 585.7	55 57 50 40 41 44	76 78 70 63 64 63	94 (NA) 88 86 89 81	100 (NA) 99+ 99+ (NA)	86 (NA) 89 87 88 96	96 (NA) 95 94 96 80

See footnotes at end of table.

TABLE 5. Percent of Value of Shipments Accounted for by the Largest Companies in Each Manufacturing Industry: 1967 and Earlier Years—Continued

Code	Industry and year <sup>1</sup>	Companies <sup>2</sup>  (number)	Value of shipments <sup>3</sup>				Primary product specialization ratio <sup>5</sup> (percent)	Coverage ratio <sup>6</sup> (percent)		
			Total (million dollars)	Percent accounted for by-- <sup>4</sup>						
				4 largest companies	8 largest companies	20 largest companies	50 largest companies			
MAJOR GROUP 20. FOOD AND KINDRED PRODUCTS--Continued										
2093	Vegetable oil mills, n.e.c.....	1967.... 1966.... 1963.... 1958 <sup>16</sup> ..	34 (NA) 39 38	236.7 (265.7) 234.2 216.1	56 53 58 66	78 76 83 93	99 (NA) 99 (NA)	100 (NA) 100 100	80 (NA) 84 80	74 (NA) 83 93
2094	Animal and marine fats and oils.....	1967.... 1966.... 1963.... 1958 <sup>17</sup> ..	477 (NA) 516 (NA)	557.9 (765.3) 474.0 362.4	28 25 23 20	36 32 31 30	49 (NA) 43 (NA)	66 (NA) 61 (NA)	94 (NA) 94 (NA)	67 (NA) 66 (NA)
2095	Roasted coffee.....	1967.... 1966.... 1963....	206 (NA) 261	2,092.2 2,082.5 1,868.1	53 54 52	71 70 68	87 (NA) 84	96 (NA) 94	91 (NA) 90	99 (NA) 99
2096	Shortening and cooking oils.....	1967.... 1966.... 1963.... 1958 <sup>18</sup> ..	63 (NA) 65 62	1,725.6 1,687.4 1,324.3 1,152.6	43 47 42 44	67 73 64 69	93 (NA) 92 (NA)	99+ (NA) 99+ (NA)	87 (NA) 88 93	86 (NA) 89 90
2097	Manufactured ice.....	1967.... 1966.... 1963.... 1958.... 1954.... 1947.... 1935....	688 (NA) 862 1,099 1,430 2,206 (NA)	99.5 124.2 122.6 130.1 143.3 273.4 (NA)	33 (S) 32 31 26 22 20	42 (S) 39 41 32 30 28	50 (NA) 48 49 41 40 (NA)	61 (NA) 59 59 (NA) (NA) (NA)	100 (NA) 99 99 100 100 (NA)	99 (NA) 100 99 97 98 (NA)
2098	Macaroni and spaghetti.....	1967.... 1966.... 1963.... 1958.... 1954.... 1947.... 1935....	190 (NA) 207 205 226 219 (NA)	266.0 237.7 222.9 167.5 149.7 112.1 (NA)	31 31 31 25 26 23 16	48 46 47 41 37 35 26	73 (NA) 71 64 58 56 (NA)	93 (NA) 91 87 (NA) (NA) (NA)	97 (NA) 96 97 98 98 (NA)	98 (NA) 94 98 95 99 (NA)
2099	Food preparations, n.e.c.....	1967.... 1966.... 1963....	1,824 (NA) 1,977	2,413.3 2,206.0 1,797.3	24 26 24	35 37 33	51 (NA) 48	66 (NA) 64	90 (NA) 91	82 (NA) 78
MAJOR GROUP 21. TOBACCO MANUFACTURES										
2111	Cigarettes.....	1967.... 1966.... 1963.... 1958.... 1954.... 1947.... 1935....	8 (NA) 7 12 12 19 (NA)	3,044.6 <sup>12</sup> 2,860.3 <sup>12</sup> 2,655.3 <sup>12</sup> 2,159.1 <sup>11</sup> 1,641.0 <sup>11</sup> 1,131.9 (NA)	81 81 80 79 82 90 89	100 100 100 99+ 99+ 99+ 99	(X) (NA) (X) 100 100 100 (NA)	(X) (NA) (X) (X) (X) (X) (NA)	97 (NA) 97 99 99 96 (NA)	100 (NA) 100 100 100 100 (NA)
2121	Cigars.....	1967.... 1966.... 1963.... 1958.... 1954.... 1947.... 1935....	126 (NA) 164 247 375 765 (NA)	363.7 <sup>11</sup> 378.8 <sup>11</sup> 358.5 <sup>11</sup> 351.6 <sup>11</sup> 339.5 <sup>11</sup> 311.4 (NA)	59 58 59 54 44 41 38	83 82 81 75 64 57 50	96 (NA) 92 86 80 76 (NA)	99+ (NA) 99 96 (NA) (NA) (NA)	100 (NA) 100 100 99 99 (NA)	98 (NA) 100 100 100 100 (NA)
2131	Chewing and smoking tobacco.....	1967.... 1966.... 1963.... 1958.... 1954.... 1947.... 1935....	41 (NA) 45 52 58 65 (NA)	122.2 <sup>11</sup> 146.9 <sup>11</sup> 139.5 <sup>11</sup> 173.7 <sup>11</sup> 161.7 <sup>11</sup> 140.1 (NA)	51 59 58 57 58 61 56	81 82 83 82 82 81 84	98 (NA) 98 98 99 (NA) 98 (NA)	100 (NA) 100 99+ (NA) (NA) (NA)	96 (NA) 97 98 96 98 (NA)	58 (NA) 61 88 89 86 (NA)
2141	Tobacco stemming and redrying.....	1967.... 1966.... 1963.... 1958.... 1954.... 1947....	54 (NA) 59 64 72 93	1,373.1 <sup>11</sup> 1,386.8 <sup>11</sup> 1,366.6 <sup>11</sup> 1,037.0 <sup>11</sup> 1,043.2 <sup>11</sup> 957.8	63 69 70 73 79 88	87 91 92 90 91 95	97 (NA) 97 96 96 97	99+ (NA) 99+ 99+ (NA) (NA)	100 (NA) 100 100 100 100	99 (NA) 100 100 99 99

See footnotes at end of table.



TABLE 5. Percent of Value of Shipments Accounted for by the Largest Companies in Each Manufacturing Industry: 1967 and Earlier Years—Continued

Code	Industry and year <sup>1</sup>	Companies <sup>2</sup>  (number)	Value of shipments <sup>3</sup>				Primary product specialization ratio <sup>5</sup>  (percent)	Coverage ratio <sup>6</sup>  (percent)		
			Total  (million dollars)	Percent accounted for by-- <sup>4</sup>						
				4 largest companies	8 largest companies	20 largest companies	50 largest companies			
MAJOR GROUP 22. TEXTILE MILL PRODUCTS										
2211	Weaving mills, cotton.....	1967....	218	3,327.7	30	48	68	88	87	79
		1966....	(NA)	3,561.9	30	48	(NA)	(NA)	(NA)	(NA)
		1963....	229	3,104.1	30	46	67	87	92	80
		1958....	321	2,719.4	25	40	59	79	94	82
		1954....	413	2,789.6	18	29	49	(NA)	94	84
		1947....	( <sup>19</sup> )	2,912.7	( <sup>19</sup> )	( <sup>19</sup> )	( <sup>19</sup> )	( <sup>19</sup> )	( <sup>19</sup> )	( <sup>19</sup> )
2221	Weaving mills, synthetics.....	1967....	272	2,289.6	46	54	68	86	85	74
		1966....	(NA)	2,240.9	40	50	(NA)	(NA)	(NA)	(NA)
		1963....	277	1,722.4	39	48	64	82	86	82
		1958....	328	1,230.7	34	44	62	78	85	88
		1954....	396	1,142.6	30	39	55	(NA)	87	90
		1947....	432	1,002.9	31	39	56	(NA)	85	(NA)
2231	Weaving and finishing mills, wool.....	1967....	262	1,090.0	55	62	76	88	82	96
		1966....	(NA)	1,166.8	56	62	(NA)	(NA)	(NA)	(NA)
		1963....	304	1,010.7	51	58	71	85	86	96
2241	Narrow fabric mills <sup>20</sup> .....	1967....	345	445.1	19	31	48	70	94	96
		1966....	(NA)	427.8	23	35	(NA)	(NA)	(NA)	(NA)
		1963....	350	349.1	20	30	47	68	91	97
		1958....	455	289.1	16	26	41	62	94	97
		1954....	489	250.2	13	21	37	(NA)	96	94
		1947....	445	215.2	17	25	41	(NA)	95	98
2251	Women's hosiery, except socks.....	1967....	302	835.0	32	44	64	82	97	95
		1966....	(NA)	733.7	34	45	(NA)	(NA)	(NA)	(NA)
		1963....	363	606.6	34	47	64	79	96	94
2252	Hosiery, n.e.c.....	1967....	423	550.1	25	32	46	65	90	95
		1966....	(NA)	576.4	22	28	(NA)	(NA)	(NA)	(NA)
		1963....	504	451.1	18	25	38	58	91	96
2253	Knit outerwear mills <sup>21</sup> .....	1967....	1,156	1,288.0	15	22	33	47	93	65
		1966....	(NA)	1,273.1	14	21	(NA)	(NA)	(NA)	(NA)
		1963....	1,175	1,045.5	11	16	27	43	93	68
		1958....	1,111	744.3	7	10	20	35	91	74
		1954....	1,081	544.1	6	10	20	(NA)	93	73
		1947....	1,193	330.5	8	13	24	(NA)	91	82
2254	Knit underwear mills <sup>21</sup> .....	1967....	99	445.3	36	54	77	95	85	35
		1966....	104	364.8	33	54	(NA)	(NA)	(NA)	(NA)
		1963....	104	364.8	33	52	73	93	89	38
		1958....	133	299.5	28	43	64	87	88	89
		1954....	140	256.3	26	40	64	(NA)	88	(NA)
		1947....	140	295.4	21	34	57	(NA)	87	70
2256	Knit fabric mills.....	1967....	489	1,362.2	15	24	42	65	97	92
		1966....	(NA)	1,143.6	16	25	(NA)	(NA)	(NA)	(NA)
		1963....	487	817.4	18	25	42	65	95	93
		1958....	336	486.1	18	30	51	72	94	90
		1954....	324	377.4	17	29	51	(NA)	94	91
		1947....	297	197.5	27	37	56	(NA)	93	88
2259	Knitting mills, n.e.c. <sup>21</sup> .....	1967....	61	38.8	54	71	89	99	96	19
		1966....	(NA)	(55.4)	32	(S)	(NA)	(NA)	(NA)	(NA)
		1963....	86	40.7	34	50	75	96	93	22
		1958 <sup>22</sup> ..	71	29.2	34	54	(NA)	(NA)	91	78
2261	Finishing plants, cotton.....	1967....	202	893.9	42	59	64	87	75	58
		1966....	(NA)	853.9	44	60	(NA)	(NA)	(NA)	(NA)
		1963....	220	869.7	45	59	77	92	81	<sup>23</sup> 60
2262	Finishing plants, synthetic.....	1967....	212	550.2	37	49	63	81	90	45
		1966....	(NA)	550.3	42	54	(NA)	(NA)	(NA)	(NA)
		1963....	193	323.7	31	44	61	81	91	<sup>24</sup> 46
2269	Finishing plants, n.e.c.....	1967....	187	290.9	29	44	64	86	84	52
		1966....	(NA)	273.0	32	48	(NA)	(NA)	(NA)	(NA)
		1963....	174	206.9	32	47	68	86	89	<sup>25</sup> 64
2271	Woven carpets and rugs.....	1967....	55	104.7	76	93	99	99+	84	84
		1966....	(NA)	<sup>7</sup> 115.7	75	88	(NA)	(NA)	(NA)	(NA)
		1963....	56	<sup>7</sup> 120.0	67	88	98	99+	77	92
2272	Tufted carpets and rugs.....	1967....	210	1,426.9	26	41	67	87	96	99
		1966....	(NA)	1,206.4	26	43	(NA)	(NA)	(NA)	(NA)
		1963....	167	801.8	25	41	65	87	96	96

See footnotes at end of table.

TABLE 5. Percent of Value of Shipments Accounted for by the Largest Companies in Each Manufacturing Industry: 1967 and Earlier Years—Continued

Code	Industry and year <sup>1</sup>	Companies <sup>2</sup>  (number)	Value of shipments <sup>3</sup>				Primary product specialization ratio <sup>5</sup> (percent)	Coverage ratio <sup>6</sup> (percent)	
			Total (million dollars)	Percent accounted for by-- <sup>4</sup>					
				4 largest companies	8 largest companies	20 largest companies	50 largest companies		
MAJOR GROUP 22. TEXTILE MILL PRODUCTS--Continued									
2279	Carpets and rugs, n.e.c.....	1967.... 78	90.2	78	84	93	99	83	69
		1966.... (NA)	75.4	67	75	(NA)	(NA)	(NA)	(NA)
		1963.... 103	29.6	32	49	76	95	89	46
2281	Yarn mills, except wool.....	1967.... 256	1,422.5	21	31	51	73	95	84
		1966.... (NA)	1,478.5	19	30	(NA)	(NA)	(NA)	(NA)
		1963.... 234	1,067.0	17	27	46	68	96	2683
2282	Throwing and winding mills.....	1967.... 159	568.0	50	62	79	93	97	91
		1966.... (NA)	438.4	51	65	(NA)	(NA)	(NA)	(NA)
		1963.... 165	319.3	43	59	78	92	95	87
2283	Wool yarn mills.....	1967.... 127	361.5	26	42	68	91	79	80
		1966.... (NA)	407.3	29	45	(NA)	(NA)	(NA)	(NA)
		1963.... 136	422.2	26	41	65	90	85	82
2284	Thread mills <sup>20</sup> .....	1967.... 63	256.6	62	81	95	99+	90	90
		1966.... (NA)	264.3	62	80	(NA)	(NA)	(NA)	(NA)
		1963.... 59	194.1	68	85	96	99+	93	90
		1958.... 72	175.5	66	79	93	99+	90	91
		1954.... 84	183.7	66	78	92	(NA)	88	94
		1947.... 83	154.3	65	78	90	(NA)	85	(NA)
2291	Felt goods, n.e.c.....	1967.... 33	133.6	61	80	98	100	76	72
		1966.... (NA)	144.9	59	80	(NA)	(NA)	(NA)	(NA)
		1963.... 28	134.0	54	75	98	100	86	88
		1958.... 2761	91.4	45	66	94	99+	89	86
		1954.... 65	92.9	41	65	92	(NA)	90	92
		1947.... 37	59.8	56	81	97	100	95	97
		1935.... (NA)	(NA)	61	81	(NA)	(NA)	(NA)	(NA)
2292	Lace goods.....	1967.... 134	65.7	31	52	74	92	99	94
		1966.... (NA)	(52.6)	36	62	(NA)	(NA)	(NA)	(NA)
		1963.... 28145	53.0	27	47	71	89	98	91
		1958.... 27204	61.9	21	36	63	82	98	95
		1954.... 133	59.8	23	39	64	(NA)	99	94
		1947.... 93	68.7	26	47	77	(NA)	94	97
		1935.... (NA)	(NA)	38	59	(NA)	(NA)	(NA)	(NA)
2293	Padding and upholstery filling.....	1967.... 133	168.1	34	50	69	88	86	82
		1966.... (NA)	204.6	29	41	(NA)	(NA)	(NA)	(NA)
		1963.... 28168	156.5	28	42	64	85	84	81
		1958.... 177	132.2	25	38	60	81	92	88
		1954.... 179	148.8	32	50	69	(NA)	91	90
		1947.... 124	110.4	41	53	74	(NA)	96	92
2294	Processed textile waste.....	1967.... 132	91.5	36	50	70	89	96	92
		1966.... (NA)	118.7	41	49	(NA)	(NA)	(NA)	(NA)
		1963.... 28137	87.5	38	52	69	87	95	86
		1958.... 27181	80.8	21	34	56	79	96	93
		1954.... 198	85.0	18	31	55	(NA)	96	93
		1947.... 177	57.3	23	35	57	(NA)	94	91
2295	Coated fabric, not rubberized.....	1967.... 157	616.2	31	48	70	88	87	89
		1966.... (NA)	595.2	32	49	(NA)	(NA)	(NA)	(NA)
		1963.... 149	435.7	34	54	79	92	86	83
		1958.... 122	249.8	42	57	76	95	82	80
		1954.... 103	212.3	43	61	82	(NA)	86	82
		1947.... 106	162.6	34	53	81	(NA)	84	82
2296	Tire cord and fabric.....	1967.... 12	444.1	83	96	100	(X)	84	90
		1966.... (NA)	504.7	82	94	(NA)	(NA)	(NA)	(NA)
		1963.... 12	375.7	79	96	100	(X)	87	91
2297	Scouring and combing plants.....	1967.... 65	93.9	61	75	89	99+	85	57
		1966.... (NA)	119.1	63	82	(NA)	(NA)	(NA)	(NA)
		1963.... 64	119.9	61	79	93	99+	94	69
		1958.... 78	85.7	58	73	89	99	92	59
		1954.... 70	94.2	53	68	87	(NA)	83	60
		1947.... (19)	75.6	(19)	(19)	(19)	(19)	(19)	(19)
2298	Cordage and twine.....	1967.... 147	188.8	34	52	77	94	86	88
		1966.... (NA)	164.7	38	54	(NA)	(NA)	(NA)	(NA)
		1963.... 148	149.3	35	53	76	93	90	87
		1958.... 128	135.3	38	56	77	93	92	93
		1954.... 119	159.9	40	59	81	(NA)	90	89
		1947.... 132	170.7	33	53	77	(NA)	87	87
		1935.... (NA)	(NA)	31	44	(NA)	(NA)	(NA)	(NA)
2299	Textile goods, n.e.c.....	1967.... 189	240.5	37	54	74	91	82	77
		1966.... (NA)	235.9	35	51	(NA)	(NA)	(NA)	(NA)
		1963.... 127	169.8	38	60	83	96	85	82

See footnotes at end of table.

TABLE 5. Percent of Value of Shipments Accounted for by the Largest Companies in Each Manufacturing Industry: 1967 and Earlier Years—Continued

Code	Industry and year <sup>1</sup>	Companies <sup>2</sup>  (number)	Value of shipments <sup>3</sup>				Primary product specialization ratio <sup>5</sup> (percent)	Coverage ratio <sup>6</sup> (percent)	
			Total  (million dollars)	Percent accounted for by-- <sup>4</sup>					
				4 largest companies	8 largest companies	20 largest companies			50 largest companies
			MAJOR GROUP 23. APPAREL AND OTHER TEXTILE PRODUCTS						
2311	Men's and boys' suits and coats <sup>21</sup> .....1967....	904	1,912.1	17	27	43	59	94	97
	1966....	(NA)	1,849.5	17	26	(NA)	(NA)	(NA)	(NA)
	1963....	1,031	1,526.0	14	23	38	56	93	97
	1958....	1,275	1,260.9	11	19	32	49	91	97
	1954....	1,255	1,140.7	11	18	31	(NA)	91	96
	1947....	1,761	1,412.8	9	15	26	(NA)	92	97
2321	Men's dress shirts and nightwear <sup>21</sup> .....1967....	570	1,448.2	23	33	50	67	90	82
	1966....	(NA)	1,348.1	25	36	(NA)	(NA)	(NA)	(NA)
	1963....	659	1,295.1	22	32	49	67	86	<sup>29</sup> 83
	1958....	737	942.1	16	26	41	59	90	<sup>29</sup> 82
	1954....	838	894.0	17	26	40	(NA)	91	85
	1947....	922	731.3	19	29	43	(NA)	94	87
2322	Men's and boys' underwear <sup>21</sup> .....1967....	71	180.2	43	60	87	99	94	37
	1966....	(NA)	181.6	42	57	(NA)	(NA)	(NA)	(NA)
	1963....	65	134.9	42	59	86	99	89	<sup>29</sup> 31
	1958....	79	100.2	30	46	79	88	86	<sup>29</sup> 30
	1954....	72	74.3	43	56	85	(NA)	88	28
	1947....	94	49.8	47	59	80	(NA)	95	21
2323	Men's and boys' neckwear <sup>21</sup> .....1967....	296	144.7	23	32	48	70	98	96
	1966....	(NA)	(157.7)	(S)	(S)	(NA)	(NA)	(NA)	(NA)
	1963....	341	121.3	19	28	43	65	98	98
	1958....	362	95.4	17	24	39	59	97	98
	1954....	403	100.0	16	24	41	(NA)	98	92
	1947....	408	113.7	20	29	46	(NA)	97	93
2327	Men's and boys' separate trousers <sup>21</sup> .....1967....	579	1,132.4	20	30	46	64	89	82
	1966....	(NA)	1,041.6	20	29	(NA)	(NA)	(NA)	(NA)
	1963....	667	824.2	16	25	40	58	85	81
	1958....	720	442.1	9	17	30	50	89	71
	1954....	768	397.7	12	19	33	(NA)	89	75
	1947....	956	334.0	12	18	29	(NA)	86	70
2328	Men's and boys' work clothing.....1967....	277	1,155.0	32	45	64	81	84	90
	1966....	(NA)	1,051.7	28	42	(NA)	(NA)	(NA)	(NA)
	1963....	301	824.7	27	40	59	79	82	91
2329	Men's and boys' clothing, n.e.c.....1967....	517	677.7	23	30	44	61	80	61
	1966....	(NA)	623.0	28	37	(NA)	(NA)	(NA)	(NA)
	1963....	529	397.6	13	19	32	51	85	<sup>29</sup> 50
2331	Women's and misses' blouses and waists <sup>20 21</sup> .....1967....	921	727.0	15	24	37	53	84	75
	1966....	(NA)	797.1	19	25	(NA)	(NA)	(NA)	(NA)
	1963....	1,130	610.2	11	15	27	44	88	74
	1958....	1,222	414.6	10	14	24	39	89	78
	1954....	1,233	375.3	11	16	25	(NA)	93	85
	1947....	1,356	276.6	7	11	20	(NA)	93	88
2335	Women's and misses' dresses.....1967....	5,008	3,086.3	7	9	14	23	97	95
	1966....	(NA)	2,507.6	8	10	(NA)	(NA)	(NA)	(NA)
	1963....	4,577	2,411.0	6	9	14	23	97	96
2337	Women's and misses' suits, and coats <sup>21</sup> .....1967....	2,058	1,776.4	12	15	22	34	86	90
	1966....	(NA)	1,779.8	9	13	(NA)	(NA)	(NA)	(NA)
	1963....	2,481	1,522.7	8	11	17	28	89	92
	1958....	2,651	1,220.2	3	5	11	21	93	93
	1954....	3,178	1,261.3	3	6	11	(NA)	94	93
	1947....	( <sup>19</sup> )	1,092.8	( <sup>19</sup> )	( <sup>19</sup> )	( <sup>19</sup> )	( <sup>19</sup> )	( <sup>19</sup> )	( <sup>19</sup> )
2339	Women's and misses' outerwear, n.e.c.....1967....	1,048	944.3	16	21	33	50	77	59
	1966....	(NA)	(960.0)	14	22	(NA)	(NA)	(NA)	(NA)
	1963....	1,252	786.0	14	22	33	48	82	59
2341	Women's and children's underwear <sup>21</sup> .....1967....	778	1,116.8	15	22	37	56	94	86
	1966....	(NA)	1,042.2	15	22	(NA)	(NA)	(NA)	(NA)
	1963....	978	976.1	11	17	31	50	94	<sup>30</sup> 85
	1958....	1,170	804.9	8	13	24	41	96	83
	1954....	1,276	770.0	8	13	24	(NA)	95	98
	1947....	1,467	575.8	6	11	19	(NA)	(NA)	(NA)
2342	Corsets and allied garments <sup>21</sup> .....1967....	254	663.3	30	43	62	81	95	97
	1966....	(NA)	667.2	33	48	(NA)	(NA)	(NA)	(NA)
	1963....	296	593.9	29	45	64	81	96	95
	1958....	363	462.2	29	43	59	75	96	98
	1954....	424	394.8	26	38	57	(NA)	96	(NA)
	1947....	493	277.8	16	30	47	(NA)	(NA)	(NA)

See footnotes at end of table.



TABLE 5. Percent of Value of Shipments Accounted for by the Largest Companies in Each Manufacturing Industry: 1967 and Earlier Years—Continued

Code	Industry and year <sup>1</sup>	Companies <sup>2</sup>  (number)	Value of shipments <sup>3</sup>				Primary product specialization ratio <sup>5</sup> (percent)	Coverage ratio <sup>6</sup> (percent)		
			Total  (million dollars)	Percent accounted for by-- <sup>4</sup>						
				4 largest companies	8 largest companies	20 largest companies	50 largest companies			
MAJOR GROUP 23. APPAREL AND OTHER TEXTILE PRODUCTS--Continued										
2351	Millinery <sup>21</sup> .....	1967....	477	112.4	12	17	27	45	99	98
		1966....	(NA)	(115.4)	(S)	(S)	(NA)	(NA)	(NA)	(NA)
		1963....	710	163.2	9	14	22	36	100	100
		1958....	801	188.3	6	10	19	33	100	99
		1954....	865	173.1	7	12	20	(NA)	99	98
		1947....	927	177.7	7	10	18	(NA)	99	98
2352	Hats and caps, except millinery <sup>21</sup> .....	1967....	340	194.5	32	41	58	75	99	99
		1966....	(NA)	(148.3)	36	47	(NA)	(NA)	(NA)	(NA)
		1963....	413	171.1	31	40	52	69	98	98
		1958 <sup>11</sup> ..	(NA)	163.7	28	36	(NA)	(NA)	98	98
2361	Children's dresses and blouses.....	1967....	575	496.0	14	19	32	53	92	82
		1966....	(NA)	492.7	14	21	(NA)	(NA)	(NA)	(NA)
		1963....	627	443.3	12	20	34	54	91	32
2363	Children's coats and suits <sup>21</sup> .....	1967....	216	175.3	18	31	52	76	93	84
		1966....	(NA)	185.4	15	(S)	(NA)	(NA)	(NA)	(NA)
		1963....	269	162.9	14	24	43	67	92	86
		1958....	361	163.7	11	19	35	58	93	83
		1954....	400	172.1	14	22	35	(NA)	91	81
		1947....	( <sup>20</sup> )	114.2	( <sup>19</sup> )	( <sup>19</sup> )	( <sup>19</sup> )	( <sup>19</sup> )	( <sup>19</sup> )	( <sup>19</sup> )
2369	Children's outerwear, n.e.c.....	1967....	456	456.2	20	30	45	64	80	68
		1966....	(NA)	438.1	18	26	(NA)	(NA)	(NA)	(NA)
		1963....	602	419.6	16	23	35	54	81	<sup>32</sup> 69
2371	Fur goods <sup>21</sup> .....	1967....	1,304	333.2	5	8	15	27	99	100
		1966....	(NA)	365.1	4	7	(NA)	(NA)	(NA)	(NA)
		1963....	1,591	334.4	5	8	15	26	99	100
		1958....	1,651	275.3	5	8	14	25	99	100
		1954....	1,972	227.5	4	6	11	(NA)	99	100
		1947....	2,227	357.0	3	5	9	(NA)	100	100
		1935....	(NA)	(NA)	2	4	(NA)	(NA)	(NA)	(NA)
2381	Fabric dress and work gloves <sup>21</sup> .....	1967....	140	176.6	33	49	72	92	91	87
		1966....	(NA)	(205.9)	27	40	(NA)	(NA)	(NA)	(NA)
		1963....	170	149.5	31	45	69	88	94	<sup>33</sup> 82
		1958 <sup>34</sup> ..	189	112.1	30	46	(NA)	(NA)	94	<sup>33</sup> 84
2384	Robes and dressing gowns <sup>21</sup> .....	1967....	237	200.2	16	27	49	77	96	95
		1966....	(NA)	(198.3)	20	(S)	(NA)	(NA)	(NA)	(NA)
		1963....	268	173.5	17	28	48	75	96	94
		1958....	278	132.5	14	23	43	68	93	96
		1954....	322	108.0	15	25	45	(NA)	93	84
		1947....	370	103.0	10	19	38	(NA)	89	82
2385	Waterproof outer garments <sup>21</sup> .....	1967....	299	371.9	24	34	51	73	95	93
		1966....	(NA)	305.7	24	33	(NA)	(NA)	(NA)	(NA)
		1963....	223	235.5	19	28	45	68	92	93
		1958....	272	146.3	20	29	49	74	(NA)	90
		1954....	291	119.7	20	30	50	(NA)	89	81
		1947....	245	80.8	23	37	55	(NA)	85	73
2386	Leather and sheep lined clothing <sup>21</sup> .....	1967....	135	98.8	24	37	61	87	97	86
		1966....	(NA)	(84.0)	24	(S)	(NA)	(NA)	(NA)	(NA)
		1963....	114	56.4	28	43	66	92	97	83
		1958....	154	64.3	18	30	52	81	94	91
		1954....	153	56.4	18	31	53	(NA)	85	80
		1947....	125	40.6	24	39	67	(NA)	79	80
2387	Apparel belts <sup>21</sup> .....	1967....	274	130.2	28	38	55	73	89	98
		1966....	(NA)	121.4	28	38	(NA)	(NA)	(NA)	(NA)
		1963....	388	108.6	23	30	43	62	91	94
		1958....	458	93.8	21	27	36	54	92	95
		1954....	501	106.3	19	25	36	(NA)	92	94
		1947....	390	69.0	23	31	44	(NA)	90	95
2389	Apparel and accessories, n.e.c.....	1967....	243	119.5	18	30	52	76	96	85
		1966....	(NA)	116.6	(S)	(S)	(NA)	(NA)	(NA)	(NA)
		1963....	265	98.2	19	31	50	74	93	82
2391	Curtains and draperies.....	1967....	1,393	418.7	27	39	50	63	97	95
		1966....	(NA)	(416.2)	(S)	(S)	(NA)	(NA)	(NA)	(NA)
		1963....	<sup>35</sup> 1,092	313.0	21	33	45	60	95	95
		1958....	757	206.5	26	34	45	61	(NA)	92
		1954....	697	172.7	20	28	42	(NA)	94	89
		1947....	379	109.6	18	29	49	(NA)	97	90

See footnotes at end of table.

TABLE 5. Percent of Value of Shipments Accounted for by the Largest Companies in Each Manufacturing Industry: 1967 and Earlier Years—Continued

Code	Industry and year <sup>1</sup>	Companies <sup>2</sup>  (number)	Value of shipments <sup>3</sup>				Primary product specialization ratio <sup>5</sup> (percent)	Coverage ratio <sup>6</sup> (percent)		
			Total  (million dollars)	Percent accounted for by-- <sup>4</sup>						
				4 largest companies	8 largest companies	20 largest companies			50 largest companies	
MAJOR GROUP 23. APPAREL AND OTHER TEXTILE PRODUCTS--Continued										
2392	Housefurnishings, n.e.c.....	1967.... 1966.... 1963.... 1958.... 1954.... 1947....	1,189 (NA) 1,205 1,181 1,203 1,209	962.8 903.8 716.7 591.5 503.2 502.5	21 20 18 18 21 33	28 (S) 24 25 29 44	41 (NA) 35 39 42 58	56 (NA) 50 52 (NA) (NA)	88 (NA) 88 89 91 93	52 (NA) 50 60 59 87
2393	Textile bags.....	1967.... 1966.... 1963.... 1958.... 1954.... 1947....	177 (NA) 175 217 235 198	291.1 205.0 200.4 186.3 221.0 356.0	31 (S) 38 40 45 53	50 (S) 51 51 56 63	72 (NA) 68 66 70 77	89 (NA) 87 85 (NA) (NA)	94 (NA) 88 86 84 93	89 (NA) 85 87 85 98
2394	Canvas products.....	1967.... 1966.... 1963.... 1958.... 1954.... 1947....	846 (NA) 869 846 1,100 889	273.6 225.3 166.4 119.0 129.6 91.1	20 19 18 14 14 10	30 (S) 25 22 19 17	43 (NA) 37 34 31 31	62 (NA) 54 49 (NA) (NA)	94 (NA) 92 90 89 91	95 (NA) 91 90 86 93
2395	Pleating and stitching.....	1967.... 1966.... 1963....	1,104 (NA) 1,315	139.3 (123.0) 150.2	7 (S) 9	12 (S) 13	22 (NA) 20	38 (NA) 32	97 (NA) 97	95 (NA) 98
2396	Automotive and apparel trimmings.....	1967.... 1966.... 1963....	762 (NA) 746	777.4 741.8 570.6	57 58 58	63 (S) 63	70 (NA) 71	78 (NA) 79	98 (NA) 98	93 (NA) 97
2397	Schiffli machine embroideries.....	1967.... 1966.... 1963.... 1958.... 1954.... 1947....	605 (NA) 755 706 601 542	99.6 94.8 97.4 74.8 65.8 55.5	13 (S) 13 11 15 17	21 (S) 21 15 21 23	34 (NA) 33 26 32 36	52 (NA) 49 39 (NA) (NA)	98 (NA) 96 99 98 98	99 (NA) 99 98 99 96
2399	Fabricated textile products, n.e.c.....	1967.... 1966.... 1963....	799 (NA) 1,027	535.1 477.4 342.5	19 16 14	30 28 22	49 (NA) 40	70 (NA) 59	89 (NA) 86	83 (NA) 75
MAJOR GROUP 24. LUMBER AND WOOD PRODUCTS										
2411	Logging camps and logging contractors.....	1967.... 1966.... 1963.... 1958.... 1954....	16,265 (NA) 13,522 12,730 12,789	1,476.3 1,361.8 <sup>36</sup> 1,154.7 833.8 733.4	14 14 11 13 8	22 23 19 19 13	30 (NA) 25 25 20	35 (NA) 31 32 (NA)	91 (NA) 99 93 98	99 (NA) 90 92 89
2421	Sawmills and planing mills, general.....	1967.... 1966.... 1963....	10,016 (NA) 11,931	3,506.4 3,390.8 3,156.3	11 11 11	15 15 14	22 (NA) 20	31 (NA) 29	92 (NA) 89	95 (NA) 95
2426	Hardwood dimension and flooring.....	1967.... 1966.... 1963....	613 (NA) 601	373.5 414.3 345.2	15 15 17	20 (S) 22	31 (NA) 34	49 (NA) 51	89 (NA) 86	86 (NA) 86
2429	Special product sawmills, n.e.c.....	1967.... 1966.... 1963....	454 (NA) 476	117.9 (109.7) 96.0	21 (S) 17	30 (S) 25	43 (NA) 41	63 (NA) 62	98 (NA) 98	95 (NA) <sup>37</sup> 49
2431	Millwork.....	1967.... 1966.... 1963....	3,292 (NA) 3,730	1,472.4 1,344.6 1,270.6	9 9 7	13 13 10	20 (NA) 17	30 (NA) 28	94 (NA) 95	94 (NA) 93
2432	Veneer and plywood.....	1967.... 1966.... 1963....	516 (NA) 532	1,687.2 1,699.9 1,339.6	26 24 23	37 33 31	50 (NA) 42	65 (NA) 58	90 (NA) 92	90 (NA) 94
2433	Prefabricated wood structures.....	1967.... 1966.... 1963.... 1958.... 1954.... 1947....	519 (NA) 528 364 222 197	493.7 471.7 403.3 300.6 224.4 103.3	21 22 25 28 32 16	31 33 34 36 43 28	46 (NA) 49 52 61 50	62 (NA) 64 71 (NA) (NA)	98 (NA) 98 98 99 93	98 (NA) 96 98 95 96
2441	Nailed wooden boxes and shook.....	1967.... 1966.... 1963....	567 (NA) 637	273.8 268.2 206.0	24 23 26	30 (S) 31	42 (NA) 41	60 (NA) 56	88 (NA) 85	87 (NA) 83

See footnotes at end of table.

TABLE 5. Percent of Value of Shipments Accounted for by the Largest Companies in Each Manufacturing Industry: 1967 and Earlier Years—Continued

Code	Industry and year <sup>1</sup>	Companies <sup>2</sup>  (number)	Value of shipments <sup>3</sup>				Primary product specialization ratio <sup>5</sup>  (percent)	Coverage ratio <sup>6</sup>  (percent)	
			Total  (million dollars)	Percent accounted for by-- <sup>4</sup>					
				4 largest companies	8 largest companies	20 largest companies	50 largest companies		
		MAJOR GROUP 24. LUMBER AND WOOD PRODUCTS--Continued							
2442	Wirebound boxes and crates.....1967....	118	144.9	33	49	76	97	89	92
	1966....	(NA)	174.4	30	43	(NA)	(NA)	(NA)	(NA)
	1963....	100	114.7	33	49	74	97	92	93
2443	Veneer and plywood containers.....1967....	81	32.0	44	57	80	97	81	89
	1966....	(NA)	(24.3)	(S)	(S)	(NA)	(NA)	(NA)	(NA)
	1963....	84	27.9	39	50	73	95	90	79
	1958....	94	27.8	27	43	67	95	93	88
	1954....	126	30.5	30	46	66	(NA)	91	88
	1947....	129	30.6	31	42	63	(NA)	91	88
2445	Cooperage.....1967....	67	78.8	54	81	94	99	99	98
	1966....	(NA)	65.7	53	81	(NA)	(NA)	(NA)	(NA)
	1963....	71	52.9	47	71	91	99	97	99
	1958....	126	69.6	45	67	87	95	96	98
	1954....	104	60.4	47	66	86	(NA)	97	99
	1947....	127	106.4	51	64	(NA)	(NA)	96	97
	1935....	(NA)	(NA)	25	40	(NA)	(NA)	(NA)	(NA)
2491	Wood preserving.....1967....	278	344.2	35	44	63	84	98	98
	1966....	(NA)	326.0	37	47	(NA)	(NA)	(NA)	(NA)
	1963....	250	247.3	34	44	64	84	98	97
	1958....	211	198.3	32	43	65	87	98	96
	1954....	188	190.5	30	42	63	(NA)	97	99
	1947....	136	304.0	31	44	67	(NA)	(D)	(D)
	1935....	(NA)	(NA)	50	60	(NA)	(NA)	(NA)	(NA)
2499	Wood products, n.e.c.....1967....	3,044	1,204.6	15	20	29	40	93	91
	1966....	(NA)	1,069.2	15	20	(NA)	(NA)	(NA)	(NA)
	1963....	2,818	785.4	14	19	27	38	92	87
		MAJOR GROUP 25. FURNITURE AND FIXTURES							
2511	Wood household furniture.....1967....	2,934	2,438.9	12	18	29	44	95	96
	1966....	(NA)	2,423.4	12	19	(NA)	(NA)	(NA)	(NA)
	1963....	2,937	1,858.0	11	16	25	39	94	96
	1958....	2,742	1,311.5	9	13	22	34	94	94
	1954....	2,731	1,113.3	8	13	21	(NA)	94	93
	1947....	2,208	898.7	7	11	19	(NA)	94	94
2512	Upholstered household furniture.....1967....	1,582	1,266.4	14	20	31	45	93	94
	1966....	(NA)	1,265.0	15	21	(NA)	(NA)	(NA)	(NA)
	1963....	1,729	983.2	13	18	28	41	92	92
2514	Metal household furniture.....1967....	464	605.3	14	24	40	63	90	90
	1966....	(NA)	595.3	13	23	(NA)	(NA)	(NA)	(NA)
	1963....	508	524.3	13	20	34	59	88	89
	1958....	614	489.7	14	22	38	58	88	88
	1954....	635	402.6	16	26	43	(NA)	87	83
	1947....	305	194.9	26	37	56	(NA)	83	73
2515	Mattresses and bedsprings.....1967....	939	745.1	26	34	44	58	91	91
	1966....	(NA)	735.6	27	33	(NA)	(NA)	(NA)	(NA)
	1963....	1,066	641.0	26	31	41	54	90	90
2519	Household furniture, n.e.c.....1967....	75	55.3	36	53	82	98	83	56
	1966....	(NA)	(78.2)	(S)	(S)	(NA)	(NA)	(NA)	(NA)
	1963....	72	28.9	34	50	78	98	84	51
	1958....	92	30.3	43	57	77	96	88	68
	1954....	69	15.6	50	65	85	(NA)	86	59
	1947....	(19)	14.0	(19)	(19)	(19)	(19)	(19)	(19)
2521	Wood office furniture.....1967....	172	158.3	29	48	71	88	89	86
	1966....	(NA)	136.4	30	50	(NA)	(NA)	(NA)	(NA)
	1963....	131	101.5	29	47	74	92	90	87
	1958....	147	66.2	27	42	68	87	89	82
	1954....	111	52.7	25	41	69	(NA)	86	86
	1947....	114	47.5	21	34	65	(NA)	92	80
2522	Metal office furniture.....1967....	166	622.9	38	52	75	92	89	88
	1966....	(NA)	596.0	37	51	(NA)	(NA)	(NA)	(NA)
	1963....	153	390.0	33	50	75	93	87	89
	1958....	142	271.8	38	56	80	94	88	86
	1954....	122	202.9	46	63	83	(NA)	84	87
	1947....	100	125.7	50	66	87	(NA)	89	92

See footnotes at end of table.



TABLE 5. Percent of Value of Shipments Accounted for by the Largest Companies in Each Manufacturing Industry: 1967 and Earlier Years—Continued

Code	Industry and year <sup>1</sup>	Companies <sup>2</sup>  (number)	Value of shipments <sup>3</sup>				Primary product specialization ratio <sup>5</sup> (percent)	Coverage ratio <sup>6</sup> (percent)		
			Total (million dollars)	Percent accounted for by-- <sup>4</sup>						
				4 largest companies	8 largest companies	20 largest companies	50 largest companies			
MAJOR GROUP 25. FURNITURE AND FIXTURES--Continued										
2531	Public building furniture.....	1967.... 1966.... 1963.... 1958.... 1954.... 1947....	428 (NA) 424 383 291 ( <sup>19</sup> )	421.2 343.5 268.6 204.6 159.5 76.0	23 24 24 27 32 ( <sup>19</sup> )	36 37 35 37 43 ( <sup>19</sup> )	54 (NA) 50 53 61 ( <sup>19</sup> )	72 (NA) 69 71 (NA) ( <sup>19</sup> )	84 (NA) 85 88 83 ( <sup>19</sup> )	86 (NA) 85 80 86 ( <sup>19</sup> )
2541	Wood partitions and fixtures.....	1967.... 1966.... 1963....	1,463 (NA) 1,588	498.6 452.0 389.6	6 4 4	10 8 8	20 (NA) 15	36 (NA) 27	92 (NA) 94	89 (NA) 89
2542	Metal partitions and fixtures.....	1967.... 1966.... 1963....	491 (NA) 502	512.0 520.1 337.8	24 22 23	33 33 33	51 (NA) 50	70 (NA) 70	90 (NA) 83	83 (NA) 82
2591	Venetian blinds and shades.....	1967.... 1966.... 1963.... 1958 <sup>38</sup> ..	581 (NA) 695 826	246.8 229.0 199.6 166.6	41 41 37 32	57 57 54 45	74 (NA) 71 (NA)	83 (NA) 79 (NA)	89 (NA) 89 (NA)	94 (NA) 90 (NA)
2599	Furniture and fixtures, n.e.c.....	1967.... 1966.... 1963....	317 (NA) 354	179.0 152.5 121.6	18 18 16	28 28 27	43 (NA) 42	65 (NA) 64	87 (NA) 86	75 (NA) 70
MAJOR GROUP 26. PAPER AND ALLIED PRODUCTS										
2611	Pulpmills.....	1967.... 1966.... 1963.... 1958.... 1954.... 1947....	45 (NA) 34 49 ( <sup>39</sup> ) ( <sup>39</sup> )	730.5 725.5 609.1 452.0 ( <sup>39</sup> ) ( <sup>39</sup> )	45 48 48 46 ( <sup>39</sup> ) ( <sup>39</sup> )	70 75 72 68 ( <sup>39</sup> ) ( <sup>39</sup> )	97 (NA) 97 94 ( <sup>39</sup> ) ( <sup>39</sup> )	100 (NA) 100 100 ( <sup>39</sup> ) ( <sup>39</sup> )	88 (NA) 88 98 ( <sup>39</sup> ) ( <sup>39</sup> )	71 (NA) 71 73 ( <sup>39</sup> ) ( <sup>39</sup> )
2621	Papermills, except building paper.....	1967.... 1966.... 1963....	203 (NA) 186	4,844.0 4,804.8 3,824.9	26 24 26	43 40 42	65 (NA) 63	86 (NA) 85	92 (NA) 90	93 (NA) 92
2631	Paperboard mills.....	1967.... 1966.... 1963....	148 (NA) 146	2,907.0 2,853.4 2,315.2	27 27 27	42 42 43	67 (NA) 67	92 (NA) 90	84 (NA) 85	91 (NA) 90
2641	Paper coating and glazing.....	1967.... 1966.... 1963....	334 (NA) 323	1,566.5 1,383.5 1,161.6	38 28 30	49 39 43	68 (NA) 64	85 (NA) 85	79 (NA) 82	87 (NA) 78
2642	Envelopes.....	1967.... 1966.... 1963.... 1958.... 1954.... 1947.... 1935....	172 (NA) 180 173 170 142 (NA)	470.3 446.3 363.3 258.9 195.3 128.3 (NA)	32 32 32 30 27 30 33	44 44 42 41 37 40 42	63 (NA) 59 58 54 58 (NA)	84 (NA) 82 81 (NA) (NA) (NA)	95 (NA) 94 93 96 92 95 (NA)	96 (NA) 96 94 92 95 (NA)
2643	Bags, except textile bags.....	1967.... 1966.... 1963....	466 (NA) 495	1,375.6 1,358.5 1,061.7	23 23 22	38 37 36	59 (NA) 58	76 (NA) 76	86 (NA) 86	88 (NA) 88
2644	Wallpaper.....	1967.... 1966.... 1963.... 1958.... 1954.... 1947.... 1935....	74 (NA) 77 70 71 50 (NA)	48.6 (45.9) 36.5 38.5 39.7 58.9 (NA)	39 38 33 41 40 49 41	55 (S) 48 57 58 64 58	79 (NA) 75 82 80 87 (NA)	98 (NA) 97 98 (NA) 100 (NA)	99 (NA) 97 93 99 98 (NA)	99 (NA) 99 99 98 100 (NA)
2645	Die-cut paper and board.....	1967.... 1966.... 1963....	368 (NA) 370	577.5 512.5 378.3	37 31 36	47 43 47	62 (NA) 62	80 (NA) 79	86 (NA) 88	86 (NA) 82
2646	Pressed and molded pulp goods.....	1967.... 1966.... 1963.... 1958.... 1954.... 1947....	43 (NA) 43 46 26 19	145.9 151.5 110.1 78.2 42.3 16.2	71 73 72 69 72 86	87 89 88 89 94 97	96 (NA) 96 98 99+ 100	100 (NA) 100 100 100 (X)	<sup>49</sup> 95 (NA) 99 99 100 95	<sup>49</sup> 95 (NA) 96 96 93 86

See footnotes at end of table.

TABLE 5. Percent of Value of Shipments Accounted for by the Largest Companies in Each Manufacturing Industry: 1967 and Earlier Years—Continued

Code	Industry and year <sup>1</sup>	Companies <sup>2</sup>  (number)	Value of shipments <sup>3</sup>				Primary product specialization ratio <sup>5</sup> (percent)	Coverage ratio <sup>6</sup> (percent)	
			Total  (million dollars)	Percent accounted for by-- <sup>4</sup>					
				4 largest companies	8 largest companies	20 largest companies			50 largest companies
		MAJOR GROUP 26. PAPER AND ALLIED PRODUCTS--Continued							
2647	Sanitary paper products.....1967....	91	1,293.4	63	79	92	99	94	96
	1966....	(NA)	1,185.8	64	80	(NA)	(NA)	(NA)	(NA)
	1963....	97	983.0	62	76	90	99	93	97
2649	Converted paper products, n.e.c.....1967....	566	732.2	29	38	53	70	84	79
	1966....	(NA)	840.4	25	35	(NA)	(NA)	(NA)	(NA)
	1963....	570	591.8	23	31	47	69	84	78
2651	Folding paperboard boxes.....1967....	476	1,216.2	22	36	54	70	84	90
	1966....	(NA)	1,289.5	22	35	(NA)	(NA)	(NA)	(NA)
	1963....	534	1,081.1	21	37	55	69	85	88
2652	Setup paperboard boxes.....1967....	418	282.4	12	19	32	50	92	87
	1966....	(NA)	256.6	12	20	(NA)	(NA)	(NA)	(NA)
	1963....	474	225.8	12	19	30	48	91	87
2653	Corrugated and solid fiber boxes.....1967....	568	2,959.6	18	33	61	78	98	98
	1966....	(NA)	2,891.2	18	33	(NA)	(NA)	(NA)	(NA)
	1963....	534	2,166.1	20	36	63	79	97	96
2654	Sanitary food containers.....1967....	144	1,093.9	49	68	88	96	92	86
	1966....	(NA)	964.1	53	74	(NA)	(NA)	(NA)	(NA)
	1963....	98	905.9	52	74	91	98	92	92
2655	Fiber cans, drums, and related material.....1967....	165	385.2	51	68	83	93	96	85
	1966....	(NA)	353.0	54	72	(NA)	(NA)	(NA)	(NA)
	1963....	166	260.3	57	72	82	92	95	80
2661	Building paper and board mills.....1967....	43	341.1	46	69	97	100	92	96
	1966....	(NA)	351.2	45	68	(NA)	(NA)	(NA)	(NA)
	1963....	33	281.6	47	68	97	100	97	88
		MAJOR GROUP 27. PRINTING AND PUBLISHING							
2711	Newspapers.....1967....	7,589	5,757.1	16	25	40	56	97	100
	1966....	(NA)	5,520.2	14	22	(NA)	(NA)	(NA)	(NA)
	1963....	7,982	4,483.6	15	22	36	52	96	100
	1958....	7,947	3,615.6	17	24	35	51	96	100
	1954....	8,445	3,091.0	18	24	34	(NA)	95	100
	1947....	8,115	1,891.3	21	26	36	(NA)	94	100
2721	Periodicals.....1967....	2,430	3,095.9	24	37	56	72	89	97
	1966....	(NA)	2,717.9	28	41	(NA)	(NA)	(NA)	(NA)
	1963....	2,562	2,295.7	28	42	59	73	89	96
	1958....	2,245	1,650.6	31	41	55	69	93	97
	1954....	2,012	1,441.0	29	40	54	(NA)	95	97
	1947....	2,106	1,059.6	34	43	58	(NA)	94	98
2731	Book publishing.....1967....	963	2,060.2	20	32	57	77	94	85
	1966....	(NA)	1,996.3	20	33	(NA)	(NA)	(NA)	(NA)
	1963....	936	1,534.6	20	33	56	76	93	88
	1958....	883	1,000.9	16	29	48	69	92	90
	1954....	804	665.2	21	32	51	(NA)	91	90
	1947....	635	463.9	18	29	48	(NA)	92	93
2732	Book printing.....1967....	720	787.4	21	30	48	64	81	70
	1966....	(NA)	709.3	22	33	(NA)	(NA)	(NA)	(NA)
	1963....	662	546.6	19	30	48	66	78	69
	1958....	785	354.3	24	34	51	68	72	60
	1954....	592	221.3	21	35	53	(NA)	76	55
	1947....	(19)	92.3	(19)	(19)	(19)	(19)	(19)	(19)
2741	Miscellaneous publishing.....1967....	1,443	605.3	29	46	64	75	93	89
	1966....	(NA)	495.2	33	43	(NA)	(NA)	(NA)	(NA)
	1963....	1,308	389.6	32	44	59	71	92	84
	1958....	1,038	315.7	29	40	55	68	89	87
	1954....	900	231.2	31	45	58	(NA)	85	82
	1947....	569	103.3	22	33	52	(NA)	93	78
2751	Commercial printing, except lithographic.....1967....	11,955	3,255.5	14	21	29	39	86	83
	1966....	(NA)	3,202.3	14	20	(NA)	(NA)	(NA)	(NA)
	1963....	11,979	2,645.1	13	19	28	38	86	79
2752	Commercial printing, lithographic.....1967....	6,718	3,139.4	5	8	15	25	82	80
	1966....	(NA)	2,791.4	5	9	(NA)	(NA)	(NA)	(NA)
	1963....	6,738	2,149.7	6	10	16	25	80	82

See footnotes at end of table.

TABLE 5. Percent of Value of Shipments Accounted for by the Largest Companies in Each Manufacturing Industry: 1967 and Earlier Years--Continued

Code	Industry and year <sup>1</sup>	Companies <sup>2</sup>  (number)	Value of shipments <sup>3</sup>				Primary product specialization ratio <sup>5</sup> (percent)	Coverage ratio <sup>6</sup> (percent)		
			Total (million dollars)	Percent accounted for by-- <sup>4</sup>						
				4 largest companies	8 largest companies	20 largest companies			50 largest companies	
		MAJOR GROUP 27. PRINTING AND PUBLISHING--Continued								
2753	Engraving and plate printing.....	1967....	569	137.9	21	28	38	52	91	81
		1966....	(NA)	175.9	(S)	(S)	(NA)	(NA)	(NA)	(NA)
		1963....	574	111.1	26	34	47	60	89	79
		1958....	520	85.2	28	35	46	59	92	82
		1954....	565	60.1	24	30	41	(NA)	93	79
		1947....	412	45.3	38	44	55	(NA)	92	80
		1935....	(NA)	(NA)	33	40	(NA)	(NA)	(NA)	(NA)
2761	Manifold business forms.....	1967....	454	932.3	47	57	69	81	91	90
		1966....	(NA)	823.9	47	57	(NA)	(NA)	(NA)	(NA)
		1963....	439	637.7	46	55	68	80	90	91
2771	Greeting card publishing.....	1967....	203	517.9	67	79	88	95	87	93
		1966....	(NA)	460.1	64	76	(NA)	(NA)	(NA)	(NA)
		1963....	239	346.0	57	71	82	92	92	96
		1958....	265	276.0	45	62	75	89	94	93
		1954....	280	208.9	42	57	73	(NA)	93	89
		1947....	161	123.9	39	55	74	(NA)	92	87
2782	Blankbooks and looseleaf binders.....	1967....	402	381.3	35	45	59	77	86	88
		1966....	(NA)	344.2	(S)	(S)	(NA)	(NA)	(NA)	(NA)
		1963....	380	268.2	33	44	57	76	88	88
2789	Bookbinding and related work.....	1967....	1,008	340.6	11	18	30	47	94	89
		1966....	(NA)	349.1	(S)	(S)	(NA)	(NA)	(NA)	(NA)
		1963....	1,038	228.5	12	17	28	44	95	83
		1958 <sup>40</sup> ..	966	182.0	10	16	(NA)	(NA)	94	86
2791	Typesetting.....	1967....	1,518	356.7	7	11	19	32	95	92
		1966....	(NA)	309.6	(S)	(S)	(NA)	(NA)	(NA)	(NA)
		1963....	1,271	241.0	6	10	18	30	95	90
		1958....	1,181	175.1	6	10	19	33	93	92
		1954....	1,078	121.4	5	9	18	(NA)	94	87
		1947....	793	75.7	8	13	24	(NA)	94	87
2793	Photoengraving.....	1967....	732	234.3	10	16	27	44	94	91
		1966....	(NA)	225.0	(S)	(S)	(NA)	(NA)	(NA)	(NA)
		1963....	872	212.4	8	13	24	38	95	91
		1958....	897	206.0	8	13	24	37	95	93
		1954....	884	173.0	6	11	21	(NA)	95	93
		1947....	754	133.5	8	12	22	(NA)	96	95
2794	Electrotyping and stereotyping.....	1967....	124	62.1	34	45	63	87	89	85
		1966....	(NA)	81.2	(S)	(S)	(NA)	(NA)	(NA)	(NA)
		1963....	170	76.1	31	39	57	80	87	86
		1958....	206	77.7	29	35	49	70	92	87
		1954....	219	85.9	23	34	51	(NA)	89	89
		1947....	205	59.0	24	34	49	(NA)	92	87
		1935....	(NA)	(NA)	36	46	(NA)	(NA)	(NA)	(NA)
		MAJOR GROUP 28. CHEMICALS AND ALLIED PRODUCTS								
2812	Alkalies and chlorine.....	1967....	19	719.8	63	88	100	(X)	67	75
		1966....	(NA)	782.7	63	88	(NA)	(NA)	(NA)	(NA)
		1963....	19	652.1	62	88	100	(X)	66	79
		1958....	18	488.1	64	89	100	(X)	73	84
		1954....	17	399.9	69	90	100	(X)	76	84
		1947....	18	208.6	70	93	100	(X)	81	85
2813	Industrial gases.....	1967....	113	588.7	67	84	95	99	96	89
		1966....	(NA)	549.7	72	88	(NA)	(NA)	(NA)	(NA)
		1963....	104	425.4	72	86	95	99	98	87
		1958....	111	232.0	79	88	94	98	97	84
		1954....	101	167.7	84	88	93	(NA)	99	84
		1947....	69	93.5	83	88	94	(NA)	100	84
		1935....	(NA)	(NA)	79	87	(NA)	(NA)	(NA)	(NA)
2814	Cyclic intermediates and crudes <sup>41</sup> .....	1967....	115	1,596.8	45	64	83	97	73	66
2815		1963....	120	1,212.8	53	71	88	99+	(NA)	(NA)
2816	Inorganic pigments.....	1967....	65	549.3	59	78	95	99+	90	84
		1966....	(NA)	581.8	64	83	(NA)	(NA)	(NA)	(NA)
		1963....	69	484.8	68	84	96	99+	91	87
		1958....	67	402.6	69	83	96	99+	92	90
		1954....	73	371.4	67	83	96	(NA)	88	88
		1947....	( <sup>19</sup> )	287.0	( <sup>19</sup> )	( <sup>19</sup> )	( <sup>19</sup> )	( <sup>19</sup> )	( <sup>19</sup> )	( <sup>19</sup> )

See footnotes at end of table.



TABLE 5. Percent of Value of Shipments Accounted for by the Largest Companies in Each Manufacturing Industry: 1967 and Earlier Years—Continued

Code	Industry and year <sup>1</sup>	Companies <sup>2</sup>  (number)	Value of shipments <sup>3</sup>				Primary product specialization ratio <sup>5</sup> (percent)	Coverage ratio <sup>6</sup> (percent)	
			Total (million dollars)	Percent accounted for by-- <sup>4</sup>					
				4 largest companies	8 largest companies	20 largest companies			50 largest companies
		MAJOR GROUP 28. CHEMICALS AND ALLIED PRODUCTS--Continued							
2818	Industrial organic chemicals, n.e.c.....1967....	339	6,377.8	45	58	75	92	72	81
	1966....	(NA)	6,541.1	46	60	(NA)	(NA)	(NA)	(NA)
	1963....	343	4,840.2	51	63	79	93	72	81
	1958....	250	3,070.2	55	70	85	96	73	80
	1954....	202	2,198.7	59	73	87	(NA)	77	80
	1947....	(42)	973.0	(42)	(42)	(42)	(42)	(42)	(42)
2819	Industrial inorganic chemicals, n.e.c. <sup>43</sup> .....1967....	408	4,248.4	27	43	64	85	86	78
	1966....	(NA)	3,845.2	29	46	(NA)	(NA)	(NA)	(NA)
	1963....	404	3,493.9	31	49	71	88	88	437
	1958 <sup>44</sup> ..	(NA)	2,609.5	34	50	(NA)	(NA)	(NA)	(NA)
2821	Plastics materials and resins.....1967....	508	3,473.9	27	43	64	86	83	60
	1966....	(NA)	3,532.9	32	46	(NA)	(NA)	(NA)	(NA)
	1963....	391	2,571.5	35	49	69	87	84	64
	1958....	273	1,811.4	40	56	79	92	86	71
	1954....	149	1,231.4	47	69	88	(NA)	90	75
	1947....	94	478.3	44	63	89	(NA)	92	77
2822	Synthetic rubber.....1967....	33	926.9	61	82	100	100	89	81
	1966....	(NA)	954.7	56	78	(NA)	(NA)	(NA)	(NA)
	1963....	16	763.9	57	80	100	(X)	92	80
	1958....	13	529.2	60	86	100	(X)	95	83
	1954....	13	361.1	53	81	100	(X)	98	90
	1947....	5	235.2	(D)	100	(X)	(X)	96	89
2823	Cellulosic manmade fibers.....1967....	13	902.8	86	99+	100	(X)	(NA)	(NA)
	1966....	(NA)	924.1	85	100	(NA)	(NA)	(NA)	(NA)
	1963....	8	731.8	82	100	(X)	(X)	(D)	(D)
2824	Organic fibers, noncellulosic.....1967....	22	2,033.2	84	94	(D)	100	92	94
	1966....	(NA)	1,991.8	85	95	(NA)	(NA)	(NA)	(NA)
	1963....	14	1,403.2	94	99	100	(X)	95	97
2831	Biological products.....1967....	119	160.0	39	63	86	97	90	61
	1966....	(NA)	108.4	46	72	(NA)	(NA)	(NA)	(NA)
	1963....	102	95.7	36	57	86	98	88	45
	1958....	110	56.6	44	59	84	97	89	41
	1954....	86	61.0	46	51	81	(NA)	86	65
	1947....	79	40.0	38	51	76	(NA)	87	57
2833	Medicinals and botanicals.....1967....	112	445.2	74	81	91	98	71	56
	1966....	(NA)	285.1	70	81	(NA)	(NA)	(NA)	(NA)
	1963....	122	305.8	68	79	91	99	71	47
	1958....	114	299.3	64	77	89	98	72	55
	1954....	107	252.5	72	84	93	(NA)	69	59
	1947....	(19)	218.2	(19)	(19)	(19)	(19)	(19)	(19)
2834	Pharmaceutical preparations.....1967....	791	4,696.4	24	40	73	90	87	97
	1966....	(NA)	4,432.4	24	41	(NA)	(NA)	(NA)	(NA)
	1963....	944	3,314.3	22	38	72	89	87	94
	1958....	1,064	2,533.4	27	45	73	87	88	94
	1954....	1,128	1,643.1	25	44	68	(NA)	91	94
	1947....	1,123	941.3	28	44	64	(NA)	91	98
2841	Soap and other detergents.....1967....	599	2,593.4	70	78	86	92	83	90
	1966....	(NA)	2,395.9	72	80	(NA)	(NA)	(NA)	(NA)
	1963....	641	2,127.8	72	80	88	93	82	92
2842	Polishes and sanitation goods.....1967....	965	1,108.0	35	46	60	76	80	75
	1966....	(NA)	1,029.2	30	39	(NA)	(NA)	(NA)	(NA)
	1963....	1,075	757.2	34	44	58	73	82	72
2843	Surface active agents.....1967....	154	294.2	34	47	65	85	79	54
	1966....	(NA)	252.1	38	50	(NA)	(NA)	(NA)	(NA)
	1963....	137	177.8	39	50	67	86	80	47
2844	Toilet preparations.....1967....	628	2,515.6	38	52	74	90	94	80
	1966....	(NA)	2,430.6	40	54	(NA)	(NA)	(NA)	(NA)
	1963....	673	1,792.7	38	52	75	90	91	84
	1958....	721	997.2	29	45	70	87	92	83
	1954....	693	628.5	25	40	64	(NA)	91	77
	1947....	692	381.4	24	38	59	(NA)	84	72
	1935....	(NA)	(NA)	25	40	(NA)	(NA)	(NA)	(NA)
2851	Paints and allied products.....1967....	1,459	2,911.4	22	35	48	61	95	96
	1966....	(NA)	2,970.4	23	36	(NA)	(NA)	(NA)	(NA)
	1963....	1,579	2,456.4	23	34	47	60	95	96

See footnotes at end of table.

TABLE 5. Percent of Value of Shipments Accounted for by the Largest Companies in Each Manufacturing Industry: 1967 and Earlier Years—Continued

Code	Industry and year <sup>1</sup>	Companies <sup>2</sup>  (number)	Value of shipments <sup>3</sup>				Primary product specialization ratio <sup>5</sup> (percent)	Coverage ratio <sup>6</sup> (percent)	
			Total (million dollars)	Percent accounted for by-- <sup>4</sup>					
				4 largest companies	8 largest companies	20 largest companies	50 largest companies		
MAJOR GROUP 28. CHEMICALS AND ALLIED PRODUCTS--Continued									
2861	Gum and wood chemicals.....1967....	172	215.9	70	79	88	97	73	76
	1966....	(NA)	209.5	72	84	(NA)	(NA)	(NA)	(NA)
	1963....	229	212.9	63	71	83	94	74	77
2871	Fertilizers.....1967....	85	1,196.9	35	55	84	98	86	95
	1966....	(NA)	1,166.9	34	55	(NA)	(NA)	(NA)	(NA)
	1963....	145	869.2	34	55	81	96	89	97
	1958....	157	543.3	34	57	81	93	(NA)	(NA)
	1954....	126	533.4	36	59	82	(NA)	97	60
	1947....	81	312.2	36	56	82	(NA)	92	60
2872	Fertilizers, mixing only.....1967....	496	731.1	23	36	54	72	96	97
	1966....	(NA)	734.9	21	36	(NA)	(NA)	(NA)	(NA)
	1963....	537	623.1	20	31	48	64	94	96
	1958....	514	355.1	18	28	47	64	(NA)	(NA)
	1954....	437	329.3	20	29	46	(NA)	95	44
	1947....	377	193.3	18	28	47	(NA)	49	47
2879	Agricultural chemicals, n.e.c.....1967....	223	817.0	39	61	77	91	87	72
	1966....	(NA)	692.7	36	56	(NA)	(NA)	(NA)	(NA)
	1963....	241	476.7	33	51	70	86	87	69
2891	Adhesives and gelatin.....1967....	247	473.6	27	42	64	84	84	77
	1966....	(NA)	456.0	29	43	(NA)	(NA)	(NA)	(NA)
	1963....	294	351.7	28	44	64	82	83	72
2892	Explosives.....1967....	37	647.0	67	91	99	100	93	93
	1966....	(NA)	469.4	72	87	(NA)	(NA)	(NA)	(NA)
	1963....	41	283.3	72	86	99	100	88	94
	1958....	45	222.5	77	89	98	100	98	96
	1954....	40	389.6	79	92	99	100	98	91
	1947....	35	136.4	80	89	98	100	87	99
2893	Printing ink.....1967....	207	375.6	49	64	79	90	93	95
	1966....	(NA)	377.0	48	58	(NA)	(NA)	(NA)	(NA)
	1963....	216	268.0	48	63	77	90	93	92
	1958....	193	223.6	53	65	78	91	91	97
	1954....	188	180.6	54	65	79	(NA)	90	95
	1947....	151	115.7	57	69	81	(NA)	92	78
	1935....	(NA)	(NA)	49	60	(NA)	(NA)	(NA)	(NA)
2895	Carbon black.....1967....	11	167.8	72	(D)	100	(X)	100	100
	1966....	(NA)	187.8	70	100	(NA)	(NA)	(NA)	(NA)
	1963....	8	149.1	72	100	(X)	(X)	(D)	(D)
2899	Chemical preparations, n.e.c.....1967....	1,275	1,381.6	19	28	43	62	82	72
	1966....	(NA)	1,322.5	20	31	(NA)	(NA)	(NA)	(NA)
	1963....	1,312	964.6	20	30	46	64	82	71
MAJOR GROUP 29. PETROLEUM AND COAL PRODUCTS									
2911	Petroleum refining.....1967....	276	20,293.9	33	57	84	96	98	97
	1966....	(NA)	18,758.7	32	57	(NA)	(NA)	(NA)	(NA)
	1963....	266	16,496.9	34	56	82	95	98	45 97
	1958....	289	14,106.3	32	55	82	94	98	45 98
	1954....	253	11,757.2	33	56	84	(NA)	99	45 98
	1947....	277	6,623.7	37	59	83	(NA)	99	45 97
	1935....	(NA)	(NA)	38	58	(NA)	(NA)	(NA)	(NA)
2951	Paving mixtures and blocks.....1967....	553	584.6	14	22	35	51	93	95
	1966....	(NA)	479.2	15	23	(NA)	(NA)	(NA)	(NA)
	1963....	528	427.5	15	21	35	51	92	89
	1958....	415	255.3	11	17	31	51	93	89
	1954....	252	126.6	15	24	42	(NA)	97	94
	1947....	182	51.0	19	30	45	(NA)	99	88
	1935....	(NA)	(NA)	48	63	(NA)	(NA)	(NA)	(NA)
2952	Asphalt felts and coatings.....1967....	115	597.8	38	65	86	97	91	95
	1966....	(NA)	589.4	38	65	(NA)	(NA)	(NA)	(NA)
	1963....	126	527.6	37	66	85	97	90	92
	1958....	120	420.7	37	64	86	97	90	92
	1954....	108	400.8	39	67	89	(NA)	91	94
	1947....	104	338.2	42	65	87	(NA)	95	95
	1935....	(NA)	(NA)	42	68	(NA)	(NA)	(NA)	(NA)

See footnotes at end of table.

TABLE 5. Percent of Value of Shipments Accounted for by the Largest Companies in Each Manufacturing Industry: 1967 and Earlier Years—Continued

Code	Industry and year <sup>1</sup>	Companies <sup>2</sup>  (number)	Value of shipments <sup>3</sup>				Primary product specialization ratio <sup>5</sup>  (percent)	Coverage ratio <sup>6</sup>  (percent)	
			Total  (million dollars)	Percent accounted for by-- <sup>4</sup>					
				4 largest companies	8 largest companies	20 largest companies	50 largest companies		
MAJOR GROUP 29. PETROLEUM AND COAL PRODUCTS--Continued									
2992	Lubricating oils and greases.....1967....	256	487.3	38	50	68	84	93	32
	1966....	(NA)	527.4	36	48	(NA)	(NA)	(NA)	(NA)
	1963....	311	471.2	36	48	65	80	91	48 33
	1958....	284	260.2	29	44	63	80	83	46 25
	1954....	265	224.2	28	42	61	(NA)	87	18
	1947....	205	169.3	36	48	66	(NA)	89	19
2999	Petroleum and coal products, n.e.c.....1967....	38	79.8	82	92	99	100	99	92
	1966....	(NA)	64.1	80	91	(NA)	(NA)	(NA)	(NA)
	1963....	59	71.5	70	84	96	99+	96	91
	1958....	74	67.8	63	72	89	99	95	96
	1954....	39	58.5	58	72	95	100	94	89
	1947....	(19)	47.5	(19)	(19)	(19)	(19)	(19)	(19)
MAJOR GROUP 30. RUBBER AND PLASTICS PRODUCTS, N.E.C.									
3011	Tires and inner tubes.....1967....	119	3,733.9	70	88	97	100	95	99
	1966....	(NA)	3,715.8	71	90	(NA)	(NA)	(NA)	(NA)
	1963....	105	2,949.7	70	89	97	99+	(D)	99
3021	Rubber footwear.....1967....	51	427.0	59	75	92	(D)	(NA)	(NA)
	1966....	(NA)	410.1	63	80	(NA)	(NA)	(NA)	(NA)
	1963....	44	354.2	62	77	94	100	93	90
	1958....	22	219.0	65	82	(D)	100	88	90
	1954....	19	166.4	72	87	100	(X)	84	85
	1947....	20	198.7	81	93	100	(X)	80	99
	1935....	(NA)	(NA)	81	100	(NA)	(NA)	(NA)	(NA)
3031	Reclaimed rubber.....1967....	19	43.8	87	96	100	(X)	83	75
	1966....	(NA)	52.4	(S)	(S)	(NA)	(NA)	(NA)	(NA)
	1963....	7	48.9	93	100	(X)	(X)	(D)	77
	1958....	12	37.6	87	97	100	(X)	94	74
	1954....	15	39.0	73	94	100	(X)	87	74
	1947....	14	17.2	84	96	100	(X)	95	44
3069	Fabricated rubber products, n.e.c.....1967....	1,024	3,139.4	21	33	48	65	88	89
	1966....	(NA)	3,139.0	22	34	(NA)	(NA)	(NA)	(NA)
	1963....	1,046	2,598.0	23	35	49	65	86	98
3079	Miscellaneous plastics products.....1967....	4,295	5,414.5	8	13	21	33	93	84
	1966....	(NA)	4,658.3	8	12	(NA)	(NA)	(NA)	(NA)
	1963....	4,101	3,165.4	8	12	20	31	92	80
MAJOR GROUP 31. LEATHER AND LEATHER PRODUCTS									
3111	Leather tanning and finishing.....1967....	474	870.1	20	31	50	71	98	99
	1966....	(NA)	940.5	19	30	(NA)	(NA)	(NA)	(NA)
	1963....	482	758.4	18	30	47	70	99	100
	1958....	520	732.4	18	30	47	68	100	100
	1954....	525	706.2	18	28	45	(NA)	98	100
	1947....	500	1,070.3	27	39	55	(NA)	100	100
	1935....	(NA)	(NA)	22	34	(NA)	(NA)	(NA)	(NA)
3121	Industrial leather belting.....1967....	65	53.8	62	74	90	99	85	90
	1966....	(NA)	53.1	72	(S)	(NA)	(NA)	(NA)	(NA)
	1963....	81	51.9	67	77	89	98	89	84
	1958....	98	61.8	70	79	88	97	90	92
	1954....	128	62.2	67	74	84	(NA)	97	92
	1947....	178	57.4	44	57	74	(NA)	91	98
	1935....	(NA)	(NA)	39	53	(NA)	(NA)	(NA)	(NA)
3131	Footwear cut stock.....1967....	348	262.8	19	28	44	64	94	93
	1966....	(NA)	(282.8)	19	25	(NA)	(NA)	(NA)	(NA)
	1963....	414	229.3	20	27	40	60	93	94
	1958....	472	243.0	19	29	41	58	95	95
	1954....	522	246.4	22	32	44	(NA)	97	96
	1947....	544	294.3	30	41	55	(NA)	99	97
	1935....	(NA)	(NA)	32	42	(NA)	(NA)	(NA)	(NA)
3141	Shoes, except rubber <sup>21</sup> .....1967....	676	2,780.3	27	34	46	61	99	98
	1966....	(NA)	2,650.1	26	34	(NA)	(NA)	(NA)	(NA)
	1963....	784	2,249.2	25	32	43	57	99	99
	1958....	871	2,026.2	27	34	43	55	99	99
	1954....	970	1,790.7	30	36	45	(NA)	99	99
	1947....	1,077	1,726.6	28	35	45	(NA)	99	100

See footnotes at end of table.



TABLE 5. Percent of Value of Shipments Accounted for by the Largest Companies in Each Manufacturing Industry: 1967 and Earlier Years—Continued

Code	Industry and year <sup>1</sup>	Companies <sup>2</sup>  (number)	Value of shipments <sup>3</sup>				Primary product special- ization ratio <sup>5</sup>  (percent)	Coverage ratio <sup>6</sup>  (percent)	
			Total  (million dollars)	Percent accounted for by-- <sup>4</sup>					
				4 largest companies	8 largest companies	20 largest companies	50 largest companies		
MAJOR GROUP 31. LEATHER AND LEATHER PRODUCTS--Continued									
3142	House slippers <sup>21</sup> .....1967....	125	181.0	22	37	63	88	92	93
	.....1966....	(NA)	162.0	18	31	(NA)	(NA)	(NA)	(NA)
	.....1963....	149	123.6	20	34	58	84	90	85
	.....1958....	159	111.0	18	30	56	83	90	85
	.....1954....	170	90.5	19	31	54	(NA)	89	87
	.....1947....	( <sup>19</sup> )	67.4	( <sup>19</sup> )	( <sup>19</sup> )	( <sup>19</sup> )	( <sup>19</sup> )	( <sup>19</sup> )	( <sup>19</sup> )
3151	Leather gloves and mittens.....1967....	136	86.7	30	43	65	89	90	84
	.....1966....	(NA)	89.6	25	36	(NA)	(NA)	(NA)	(NA)
	.....1963....	160	80.6	22	34	57	84	81	89
3161	Luggage.....1967....	328	334.2	34	45	59	77	96	94
	.....1966....	(NA)	275.8	35	45	(NA)	(NA)	(NA)	(NA)
	.....1963....	377	210.3	31	40	55	73	95	94
3171	Women's handbags and purses.....1967....	488	327.2	10	17	30	52	98	98
	.....1966....	(NA)	291.9	11	19	(NA)	(NA)	(NA)	(NA)
	.....1963....	539	280.3	11	18	31	51	98	98
	.....1958....	613	227.4	10	15	27	48	96	98
	.....1954....	710	188.8	8	14	26	(NA)	97	98
	.....1947....	725	163.3	7	13	23	(NA)	99	97
3172	Personal leather goods.....1967....	293	186.2	33	44	60	78	94	92
	.....1966....	(NA)	195.8	32	45	(NA)	(NA)	(NA)	(NA)
	.....1963....	325	159.0	31	45	60	78	96	92
3199	Leather goods, n.e.c.....1967....	358	96.5	19	28	45	67	94	87
	.....1966....	(NA)	(90.9)	19	(S)	(NA)	(NA)	(NA)	(NA)
	.....1963....	365	67.1	17	26	44	66	94	82
	.....1958 <sup>49</sup> ..	429	54.4	14	21	(NA)	(NA)	96	84
MAJOR GROUP 32. STONE, CLAY, AND GLASS PRODUCTS									
3211	Flat glass.....1967....	39	611.3	94	98	99	100	<sup>49</sup> 85	(D)
	.....1966....	(NA)	638.1	96	99+	(NA)	(NA)	(NA)	(NA)
	.....1963....	11	549.4	94	99+	100	(X)	(D)	(D)
	.....1958....	13	382.7	92	99	100	(X)	(D)	(D)
	.....1954....	16	370.5	90	99	100	(X)	90	(D)
	.....1947....	( <sup>19</sup> )	223.7	( <sup>19</sup> )	( <sup>19</sup> )	( <sup>19</sup> )	( <sup>19</sup> )	( <sup>19</sup> )	( <sup>19</sup> )
3221	Glass containers.....1967....	39	1,352.4	60	75	95	100	99	99
	.....1966....	(NA)	1,207.5	59	74	(NA)	(NA)	(NA)	(NA)
	.....1963....	40	1,004.5	55	72	92	100	99	99
	.....1958....	42	855.8	58	75	93	100	99	99
	.....1954....	38	635.1	63	78	92	100	98	99
	.....1947....	41	422.6	63	79	93	100	(D)	(D)
3229	Pressed and blown glass, n.e.c.....1967....	139	886.2	71	83	93	99	97	98
	.....1966....	(NA)	926.6	72	85	(NA)	(NA)	(NA)	(NA)
	.....1963....	75	630.9	68	81	93	99	96	97
	.....1958....	111	441.0	64	79	90	96	98	98
	.....1954....	255	411.3	67	77	88	(NA)	98	96
	.....1947....	107	234.8	51	65	80	(NA)	96	91
3231	Products of purchased glass.....1967....	845	794.7	42	50	61	74	<sup>49</sup> 90	(D)
	.....1966....	(NA)	754.1	40	50	(NA)	(NA)	(NA)	(NA)
	.....1963....	1,016	627.3	43	49	59	70	(D)	(D)
3241	Cement, hydraulic.....1967....	66	1,246.5	29	49	82	99+	99	99
	.....1966....	(NA)	1,253.4	30	51	(NA)	(NA)	(NA)	(NA)
	.....1963....	55	1,176.9	29	49	82	99+	99	100
	.....1958....	62	1,069.4	32	50	78	99	99	100
	.....1954....	67	811.1	31	48	73	(NA)	99	100
	.....1947....	73	408.9	30	45	70	(NA)	100	100
	.....1935....	(NA)	(NA)	29	44	(NA)	(NA)	(NA)	(NA)
3251	Brick and structural tile.....1967....	377	362.0	14	22	35	57	98	99
	.....1966....	(NA)	386.8	13	21	(NA)	(NA)	(NA)	(NA)
	.....1963....	401	325.1	12	19	33	54	98	98
	.....1958....	471	278.5	12	20	33	50	96	98
	.....1954....	510	250.4	13	20	34	(NA)	96	98
	.....1947....	574	144.5	10	17	30	(NA)	95	97
3253	Ceramic wall and floor tile.....1967....	57	160.5	52	76	94	99+	93	99
	.....1966....	(NA)	162.1	51	74	(NA)	(NA)	(NA)	(NA)
	.....1963....	71	164.7	49	69	88	99+	95	99

See footnotes at end of table.

TABLE 5. Percent of Value of Shipments Accounted for by the Largest Companies in Each Manufacturing Industry: 1967 and Earlier Years—Continued

Code	Industry and year <sup>1</sup>	Companies <sup>2</sup>  (number)	Value of shipments <sup>3</sup>				Primary product specialization ratio <sup>5</sup>  (percent)	Coverage ratio <sup>6</sup>  (percent)	
			Total  (million dollars)	Percent accounted for by-- <sup>4</sup>					
				4 largest companies	8 largest companies	20 largest companies	50 largest companies		
			MAJOR GROUP 32. STONE, CLAY, AND GLASS PRODUCTS--Continued						
3255	Clay refractories.....1967....	83	246.1	44	64	86	99	92	92
	.....1966....	(NA)	267.1	41	62	(NA)	(NA)	(NA)	(NA)
	.....1963....	80	192.2	41	60	83	98	91	93
	.....1958....	104	157.5	43	61	81	95	93	95
	.....1954....	113	136.4	43	60	79	(NA)	92	95
	.....1947....	108	109.3	41	57	76	(NA)	93	94
3259	Structural clay products, n.e.c.....1967....	110	152.9	31	51	79	95	91	96
	.....1966....	(NA)	155.7	33	52	(NA)	(NA)	(NA)	(NA)
	.....1963....	126	159.7	36	55	79	94	89	95
3261	Vitreous plumbing fixtures.....1967....	34	170.0	62	84	99	100	95	96
	.....1966....	(NA)	180.7	56	77	(NA)	(NA)	(NA)	(NA)
	.....1963....	34	155.7	57	78	98	100	97	97
	.....1958....	35	130.8	54	75	96	100	97	97
	.....1954....	25	116.3	65	84	99	100	99	99
	.....1947....	26	68.1	58	82	99+	100	98	95
3262	Vitreous china food utensils.....1967....	35	67.2	70	88	98	100	<sup>4</sup> 90	89
	.....1966....	(NA)	60.0	75	93	(NA)	(NA)	(NA)	(NA)
	.....1963....	26	51.0	69	88	99+	100	<sup>4</sup> 90	91
	.....1958....	26	47.3	60	80	99	100	96	96
	.....1954....	32	44.5	55	73	97	110	95	96
	.....1947....	26	43.2	56	75	99	100	97	97
3263	Fine earthenware food utensils.....1967....	20	47.1	61	87	100	100	86	86
	.....1966....	(NA)	47.6	61	87	(NA)	(NA)	(NA)	(NA)
	.....1963....	20	59.0	57	83	100	(X)	92	91
	.....1958....	29	49.4	43	69	98	100	98	91
	.....1954....	46	66.4	37	57	88	100	98	92
	.....1947....	74	72.1	38	57	87	(NA)	92	97
3264	Porcelain electrical supplies.....1967....	65	225.0	47	70	90	99+	85	98
	.....1966....	(NA)	197.1	49	69	(NA)	(NA)	(NA)	(NA)
	.....1963....	74	131.8	46	67	88	99+	91	95
	.....1958....	57	92.6	46	68	89	99	92	93
	.....1954....	42	77.9	46	70	92	100	94	87
	.....1947....	47	71.5	44	64	90	100	89	93
3269	Pottery products, n.e.c. <sup>50</sup> .....1967....	424	96.1	28	37	55	75	97	87
	.....1963....	449	95.5	32	41	58	75	87	85
3271	Concrete block and brick.....1967....	1,534	550.1	4	7	13	23	92	86
	.....1966....	(NA)	585.9	4	7	(NA)	(NA)	(NA)	(NA)
	.....1963....	1,786	505.2	5	7	12	22	92	84
3272	Concrete products, n.e.c.....1967....	3,055	1,201.1	11	17	28	39	96	94
	.....1966....	(NA)	1,189.7	13	(S)	(NA)	(NA)	(NA)	(NA)
	.....1963....	3,130	925.7	17	23	32	42	94	94
3273	Ready-mixed concrete <sup>51</sup> .....1967....	4,032	2,684.2	6	9	16	24	93	98
	.....1966....	(NA)	2,527.8	5	8	(NA)	(NA)	(NA)	(NA)
	.....1963....	3,999	2,292.5	4	7	13	22	92	98
	.....1958....	3,104	1,559.3	4	7	13	21	94	97
3274	Lime.....1967....	78	176.5	35	54	79	99	87	93
	.....1966....	(NA)	197.9	31	47	(NA)	(NA)	(NA)	(NA)
	.....1963....	81	164.4	37	56	82	99	82	94
	.....1958....	94	129.7	38	57	80	98	84	95
	.....1954....	113	109.2	35	53	80	(NA)	84	97
	.....1947....	132	72.8	30	47	69	(NA)	93	97
3275	Gypsum products.....1967....	55	387.7	80	93	99+	99+	96	98
	.....1966....	(NA)	394.4	80	95	(NA)	(NA)	(NA)	(NA)
	.....1963....	60	425.1	84	97	99+	99+	97	98
	.....1958....	72	350.6	88	96	98	99	97	98
	.....1954....	48	282.2	90	97	99	100	95	98
	.....1947....	33	127.5	85	94	99+	100	97	98
3281	Cut stone and stone products.....1967....	776	236.4	18	27	37	51	95	99
	.....1966....	(NA)	224.2	17	25	(NA)	(NA)	(NA)	(NA)
	.....1963....	857	217.2	20	28	38	51	94	99
	.....1958....	959	198.5	16	24	32	44	96	97
	.....1954....	961	181.8	12	21	30	(NA)	93	99
	.....1947....	629	67.3	8	13	21	(NA)	100	98

See footnotes at end of table.

TABLE 5. Percent of Value of Shipments Accounted for by the Largest Companies in Each Manufacturing Industry: 1967 and Earlier Years—Continued

Code	Industry and year <sup>1</sup>	Companies <sup>2</sup>  (number)	Value of shipments <sup>3</sup>				Primary product specialization ratio <sup>5</sup>  (percent)	Coverage ratio <sup>6</sup>  (percent)		
			Total  (million dollars)	Percent accounted for by-- <sup>4</sup>						
				4 largest companies	8 largest companies	20 largest companies	50 largest companies			
MAJOR GROUP 32. STONE, CLAY, AND GLASS PRODUCTS--Continued										
3291	Abrasive products.....1967....	320	725.3	48	57	71	85	91	85	
	1966....	(NA)	1,015.6	56	63	(NA)	(NA)	(NA)	(NA)	
	1963....	340	704.2	58	67	77	88	(D)	95	
	1958....	318	466.6	58	68	77	88	83	96	
	1954....	290	332.5	50	58	71	(NA)	94	87	
	1947....	236	225.4	49	56	72	(NA)	94	86	
3292	Asbestos products.....1967....	81	575.0	55	75	94	99+	93	90	
	1966....	(NA)	591.1	56	74	(NA)	(NA)	(NA)	(NA)	
	1963....	73	509.2	56	76	95	99+	95	91	
	1958....	69	433.3	59	76	95	99	89	92	
	1954....	74	346.2	60	77	(S <sup>2</sup> )	(S <sup>2</sup> )	87	93	
	1947....	85	206.2	(S <sup>2</sup> )	(S <sup>2</sup> )	(S <sup>2</sup> )	(S <sup>2</sup> )	87	90	
3293	Gaskets and insulations.....1967....	288	352.8	30	40	57	79	83	81	
	1966....	(NA)	353.7	33	42	(NA)	(NA)	(NA)	(NA)	
	1963....	282	297.2	35	47	64	82	81	78	
	1958....	271	170.9	25	36	58	79	87	69	
	1954....	227	153.4	33	47	68	(NA)	86	70	
	1947....	174	120.1	42	59	80	(NA)	83	75	
3295	Minerals, ground or treated.....1967....	382	280.9	26	36	56	76	96	89	
	1966....	(NA)	292.1	24	39	(NA)	(NA)	(NA)	(NA)	
	1963....	313	204.4	24	38	59	79	94	86	
	3296	Mineral wool.....1967....	77	454.4	71	84	95	99	92	95
		1966....	(NA)	461.0	71	83	(NA)	(NA)	(NA)	(NA)
		1963....	89	391.9	67	83	95	99	90	96
3297	Nonclay refractories.....1967....	59	307.1	38	58	89	99+	90	88	
	1966....	(NA)	333.1	42	61	(NA)	(NA)	(NA)	(NA)	
	1963....	51	250.2	49	66	91	(D)	94	88	
3299	Nonmetallic mineral products, n.e.c.....1967....	325	99.9	37	49	66	82	82	89	
	1966....	(NA)	115.9	35	(S)	(NA)	(NA)	(NA)	(NA)	
	1963....	313	96.2	37	48	66	82	86	96	
MAJOR GROUP 33. PRIMARY METAL INDUSTRIES										
3312	Blast furnaces and steel mills.....1967....	200	78,910.1	48	66	83	96	(S <sup>3</sup> )	(S <sup>3</sup> )	
	1966....	(NA)	79,643.6	49	66	(NA)	(NA)	(NA)	(NA)	
	1963....	161	77,699.5	48	67	85	95	(S <sup>3</sup> )	(S <sup>3</sup> )	
	1958....	148	75,980.0	53	70	84	96	(S <sup>3</sup> )	(S <sup>3</sup> )	
	1954 <sup>54</sup> ....	(NA)	75,014.4	55	71	86	(NA)	(NA)	(NA)	
	1947 <sup>54</sup> ....	(NA)	72,844.6	50	66	81	(NA)	(NA)	(NA)	
3313	Electrometallurgical products.....1967....	21	467.9	74	90	(D)	100	85-90	5582	
	1966....	(NA)	509.3	74	91	(NA)	(NA)	(NA)	(NA)	
	1963....	20	382.1	79	95	100	(X)	85-90	5577	
	1958....	19	397.3	73	91	100	(X)	96	5576	
	1954....	17	271.8	77	93	100	(X)	92	5568	
	1947....	10	150.9	88	(D)	100	(X)	88	(S <sup>5</sup> )	
3315	Steel wire and related products, etc.....1967....	200	845.2	24	34	53	78	90	37	
	1966....	(NA)	799.6	26	38	(NA)	(NA)	(NA)	(NA)	
	1963....	171	592.3	28	39	59	85	89	30	
3316	Cold finishing of steel shapes.....1967....	77	1,038.7	34	51	77	98	87	24	
	1966....	(NA)	975.7	34	51	(NA)	(NA)	(NA)	(NA)	
	1963....	59	751.6	36	55	82	99+	94	20	
3317	Steel pipe and tubes.....1967....	123	1,148.6	32	45	72	92	89	38	
	1966....	(NA)	1,072.3	26	43	(NA)	(NA)	(NA)	(NA)	
	1963....	114	809.0	27	42	71	93	91	37	
3321	Gray iron foundries <sup>56</sup> .....1967....	969	2,637.8	27	36	50	64	93	86	
	1966....	(NA)	2,728.2	27	37	(NA)	(NA)	(NA)	(NA)	
	1963....	1,062	1,984.9	28	37	51	65	93	88	
	1958....	1,199	1,406.4	24	33	47	61	95	87	
	1954....	1,321	1,418.9	26	34	46	(NA)	94	87	
	1947....	1,554	1,173.0	16	24	35	(NA)	92	87	

See footnotes at end of table.



TABLE 5. Percent of Value of Shipments Accounted for by the Largest Companies in Each Manufacturing Industry: 1967 and Earlier Years—Continued

Code	Industry and year <sup>1</sup>	Companies <sup>2</sup>  (number)	Value of shipments <sup>3</sup>				Primary product specialization ratio <sup>5</sup> (percent)	Coverage ratio <sup>6</sup> (percent)	
			Total (million dollars)	Percent accounted for by-- <sup>4</sup>					
				4 largest companies	8 largest companies	20 largest companies	50 largest companies		
		MAJOR GROUP 33. PRIMARY METAL INDUSTRIES---Continued							
3322	Malleable iron foundries.....1967....	72	438.3	47	59	77	97	85	89
	1966....	(NA)	449.4	48	60	(NA)	(NA)	(NA)	(NA)
	1963....	76	317.5	46	58	76	96	87	87
	1958....	73	210.8	42	56	73	96	87	90
	1954....	71	212.4	50	59	76	(NA)	86	89
	1947....	68	184.4	35	48	69	(NA)	88	91
3323	Steel foundries.....1967....	256	1,213.2	20	33	52	75	90	89
	1966....	(NA)	1,279.0	22	35	(NA)	(NA)	(NA)	(NA)
	1963....	222	871.0	23	36	56	79	85	89
	1958....	209	590.7	25	37	56	77	86	86
	1954....	207	534.7	21	34	53	(NA)	88	87
	1947....	177	403.2	23	36	57	(NA)	89	83
3331	Primary copper.....1967....	15	7262.6	77	98	100	(X)	(57)	(57)
	1966....	(NA)	7362.5	71	97	(NA)	(NA)	(NA)	(NA)
	1963....	13	7285.5	78	98	100	(X)	(57)	(57)
	1958....	11	7161.7	87	99	100	(X)	(57)	(57)
	1954....	10	7163.7	(58)	(58)	(58)	(58)	(58)	(58)
	1947....	(19)	793.2	(19)	(19)	(19)	(19)	(19)	(19)
3332	Primary lead.....1967....	14	748.3	(D)	(D)	100	(X)	(57)	(57)
	1966....	(NA)	765.0	(D)	100	(X)	(X)	(NA)	(NA)
	1963....	6	724.9	(D)	100	(X)	(X)	(57)	(57)
	1958....	5	724.4	(D)	100	(X)	(X)	(57)	(57)
	1954....	5	730.8	(D)	100	(X)	(X)	(57)	(57)
	1947....	6	735.9	(D)	100	(X)	(X)	(57)	(57)
3333	Primary zinc.....1967....	11	332.8	59	90	100	(X)	88	5581
	1966....	(NA)	379.9	60	91	(NA)	(NA)	(NA)	(NA)
	1963....	11	281.5	57	90	100	(X)	92	5581
	1958....	11	203.4	62	93	100	(X)	90	5576
	1954....	13	230.5	56	87	100	(X)	87	(55)
	1947....	14	191.0	53	82	100	(X)	(NA)	(55)
3334	Primary aluminum.....1967....	10	1,608.7	(D)	100	(X)	(X)	97	(55)
	1966....	(NA)	1,496.2	(D)	100	(X)	(X)	(NA)	(NA)
	1963....	7	1,090.0	(D)	100	(X)	(X)	100	5575
	1958....	6	801.7	(D)	100	(X)	(X)	100	5576
	1954....	3	604.1	100	(X)	(X)	(X)	100	5578
	1947....	3	161.0	100	(X)	(X)	(X)	100	(55)
3339	Primary nonferrous metals, n.e.c.....1967....	41	284.4	60	80	98	100	87	5540
	1966....	(NA)	309.2	53	71	(NA)	(NA)	(NA)	(NA)
	1963....	32	212.2	61	78	96	100	83	5539
	1958....	24	96.5	62	86	99	100	92	5524
	1954....	(58)	(58)	(58)	(58)	(58)	(58)	(58)	(58)
	1947....	(19)	24.3	(19)	(19)	(19)	(19)	(19)	(19)
3341	Secondary nonferrous metals.....1967....	351	1,586.0	26	42	62	79	89	5526
	1966....	(NA)	1,709.2	29	44	(NA)	(NA)	(NA)	(NA)
	1963....	406	1,045.5	29	42	58	75	94	5526
	1958....	349	648.2	26	41	59	76	93	5530
	1954....	(58)	(58)	(58)	(58)	(58)	(58)	(58)	(58)
	1947....	(19)	(19)	(19)	(19)	(19)	(19)	(19)	(19)
3351	Copper rolling and drawing.....1967....	86	2,391.1	41	65	85	98	90	93
	1966....	(NA)	2,846.3	43	67	(NA)	(NA)	(NA)	(NA)
	1963....	81	1,657.5	45	67	87	99	90	91
3352	Aluminum rolling and drawing.....1967....	155	2,958.9	65	79	89	96	89	5589
	1966....	(NA)	3,099.8	65	78	(NA)	(NA)	(NA)	(NA)
	1963....	166	2,196.4	68	79	87	95	85	5593
3356	Nonferrous rolling and drawing, n.e.c.....1967....	115	984.0	49	67	85	98	89	5584
	1966....	(NA)	1,051.1	46	68	(NA)	(NA)	(NA)	(NA)
	1963....	108	641.0	46	66	86	97	84	5581
	1958....	120	467.6	43	64	84	97	77	5582
	1954....	(58)	(58)	(58)	(58)	(58)	(58)	(58)	(58)
	1947....	(19)	(19)	(19)	(19)	(19)	(19)	(19)	(19)
3357	Nonferrous wiredrawing and insulating.....1967....	206	3,591.4	39	55	76	92	93	5589
	1966....	(NA)	3,711.1	39	56	(NA)	(NA)	(NA)	(NA)
	1963....	210	2,117.9	44	62	79	92	91	5586

See footnotes at end of table.

TABLE 5. Percent of Value of Shipments Accounted for by the Largest Companies in Each Manufacturing Industry: 1967 and Earlier Years—Continued

Code	Industry and year <sup>1</sup>	Companies <sup>2</sup>  (number)	Value of shipments <sup>3</sup>				Primary product specialization ratio <sup>5</sup>  (percent)	Coverage ratio <sup>6</sup>  (percent)	
			Total  (million dollars)	Percent accounted for by-- <sup>4</sup>					
				4 largest companies	8 largest companies	20 largest companies	50 largest companies		
MAJOR GROUP 33. PRIMARY METAL INDUSTRIES--Continued									
3361	Aluminum castings.....1967....	970	920.5	24	31	42	55	83	85
	1966....	(NA)	916.8	25	32	(NA)	(NA)	(NA)	(NA)
	1963....	926	640.2	33	40	50	64	81	83
3362	Brass, bronze, and copper castings.....1967....	516	445.2	18	28	45	63	83	82
	1966....	(NA)	451.7	20	28	(NA)	(NA)	(NA)	(NA)
	1963....	535	287.5	18	27	44	61	84	78
3369	Nonferrous castings, n.e.c.....1967....	352	556.3	29	39	54	73	83	82
	1966....	(NA)	498.3	25	34	(NA)	(NA)	(NA)	(NA)
	1963....	386	302.7	18	26	44	66	78	75
3391	Iron and steel forgings.....1967....	248	1,261.6	30	40	57	77	90	<sup>55</sup> 72
	1966....	(NA)	1,273.1	31	42	(NA)	(NA)	(NA)	(NA)
	1963....	248	868.9	30	39	56	77	89	<sup>55</sup> 69
	1958....	287	675.4	31	39	56	77	86	<sup>55</sup> 72
	1954....	247	595.4	27	38	59	(NA)	88	73
	1947....	240	370.1	24	35	54	(NA)	95	77
	1935....	(NA)	(NA)	21	32	(NA)	(NA)	(NA)	(NA)
3392	Nonferrous forgings.....1967....	37	333.1	77	85	97	100	67	54
	1966....	(NA)	311.4	78	85	(NA)	(NA)	(NA)	(NA)
	1963....	32	165.1	84	91	99	100	69	55
3399	Primary metal products, n.e.c.....1967....	868	578.5	14	23	36	51	97	85
	1966....	(NA)	398.8	16	27	(NA)	(NA)	(NA)	(NA)
	1963....	695	284.7	17	28	41	55	93	87
MAJOR GROUP 34. FABRICATED METAL PRODUCTS									
3411	Metal cans.....1967....	96	2,890.6	73	84	94	99	90	98
	1966....	(NA)	2,631.3	71	83	(NA)	(NA)	(NA)	(NA)
	1963....	99	2,075.0	74	85	95	99	97	98
	1958....	84	1,803.7	80	89	97	99	95	96
	1954....	<sup>59</sup> 109	1,366.8	80	88	96	(NA)	98	99
	1947....	102	678.9	78	86	94	(NA)	97	99
	1935....	(NA)	(NA)	80	85	(NA)	(NA)	(NA)	(NA)
3421	Cutlery.....1967....	138	378.5	69	77	87	97	79	95
	1966....	(NA)	373.6	66	76	(NA)	(NA)	(NA)	(NA)
	1963....	156	283.4	66	76	87	96	89	97
	1958....	181	176.8	53	65	78	92	91	96
	1954....	179	169.8	49	61	77	(NA)	88	96
	1947....	192	142.6	41	54	73	(NA)	93	94
3423	Hand and edge tools, n.e.c.....1967....	630	813.5	22	34	53	73	93	85
	1966....	(NA)	808.1	22	35	(NA)	(NA)	(NA)	(NA)
	1963....	681	565.6	21	34	52	72	87	84
	1958 <sup>60</sup> ....	(NA)	402.4	19	30	(NA)	(NA)	(NA)	(NA)
3425	Handsaws and saw blades.....1967....	74	154.3	51	71	89	99	80	82
	1966....	(NA)	149.9	55	76	(NA)	(NA)	(NA)	(NA)
	1963....	70	102.8	48	66	90	99	78	85
	1958....	82	84.8	49	66	89	98	82	90
	1954....	95	83.7	56	70	89	(NA)	71	90
	1947....	81	70.4	66	75	90	(NA)	78	87
	1935....	(NA)	(NA)	63	76	(NA)	(NA)	(NA)	(NA)
3429	Hardware, n.e.c.....1967....	979	2,368.3	38	45	58	70	91	95
	1966....	(NA)	2,343.8	38	45	(NA)	(NA)	(NA)	(NA)
	1963....	1,025	1,785.1	39	45	57	70	91	93
3431	Metal sanitary ware.....1967....	83	251.2	51	69	90	99	83	89
	1966....	(NA)	262.3	47	67	(NA)	(NA)	(NA)	(NA)
	1963....	75	234.9	49	68	91	99	84	91
3432	Plumbing fittings and brass goods.....1967....	210	404.7	28	43	64	88	93	86
	1966....	(NA)	396.3	32	43	(NA)	(NA)	(NA)	(NA)
	1963....	247	333.8	30	41	60	83	90	83
3433	Heating equipment, except electric.....1967....	496	1,069.0	22	33	50	71	77	80
	1966....	(NA)	1,167.3	16	26	(NA)	(NA)	(NA)	(NA)
	1963....	611	1,019.8	16	27	45	66	76	81
3441	Fabricated structural steel.....1967....	1,865	2,967.8	13	18	26	38	89	91
	1966....	(NA)	2,601.7	14	20	(NA)	(NA)	(NA)	(NA)
	1963....	1,636	1,916.0	15	20	28	41	86	89

See footnotes at end of table.

TABLE 5. Percent of Value of Shipments Accounted for by the Largest Companies in Each Manufacturing Industry: 1967 and Earlier Years—Continued

Code	Industry and year <sup>1</sup>	Companies <sup>2</sup>  (number)	Value of shipments <sup>3</sup>				Primary product specialization ratio <sup>5</sup> (percent)	Coverage ratio <sup>6</sup> (percent)	
			Total  (million dollars)	Percent accounted for by-- <sup>4</sup>					
				4 largest companies	8 largest companies	20 largest companies			50 largest companies
		MAJOR GROUP 34. FABRICATED METAL PRODUCTS--Continued							
3442	Metal doors, sash, and trim.....1967....	1,540	1,413.6	10	16	26	42	91	94
	1966....	(NA)	1,397.2	10	16	(NA)	(NA)	(NA)	(NA)
	1963....	1,712	1,253.8	8	13	23	38	88	94
3443	Fabricated platework (boiler shops).....1967....	1,346	2,688.5	30	36	48	59	91	85
	1966....	(NA)	2,323.3	28	35	(NA)	(NA)	(NA)	(NA)
	1963....	1,301	1,623.0	25	34	48	59	89	93
3444	Sheet metalwork.....1967....	2,942	1,812.4	10	16	26	39	88	83
	1966....	(NA)	1,834.8	11	17	(NA)	(NA)	(NA)	(NA)
	1963....	3,139	1,303.7	11	16	24	35	88	78
	1958....	3,066	973.8	15	20	27	39	88	83
	1954....	2,363	738.5	19	28	36	(NA)	81	80
	1947....	1,665	420.5	21	29	38	(NA)	83	82
	1935....	(NA)	(NA)	17	26	(NA)	(NA)	(NA)	(NA)
3446	Architectural metalwork.....1967....	1,360	484.9	28	36	48	62	83	77
	1966....	(NA)	342.0	15	21	(NA)	(NA)	(NA)	(NA)
	1963....	1,326	269.3	13	19	32	50	86	71
3449	Miscellaneous metalwork.....1967....	594	1,082.0	21	31	47	69	89	77
	1966....	(NA)	1,014.5	24	36	(NA)	(NA)	(NA)	(NA)
	1963....	649	704.2	25	35	53	71	89	68
3451	Screw machine products.....1967....	1,847	1,021.5	6	9	17	28	96	90
	1966....	(NA)	949.0	4	7	(NA)	(NA)	(NA)	(NA)
	1963....	1,861	589.0	5	8	15	26	97	90
	1958....	1,784	415.3	9	12	19	30	95	86
	1954....	1,791	401.5	11	15	23	(NA)	93	82
	1947....	1,205	222.0	17	20	29	(NA)	94	86
3452	Bolts, nuts, rivets, and washers.....1967....	577	1,643.9	18	27	47	68	94	90
	1966....	(NA)	1,661.8	18	28	(NA)	(NA)	(NA)	(NA)
	1963....	504	1,218.2	18	27	47	68	92	90
	1958....	470	844.5	17	27	45	67	88	89
	1954....	421	699.5	15	25	45	(NA)	91	89
	1947....	339	463.8	20	31	52	(NA)	92	86
3461	Metal stampings <sup>61</sup> .....1967....	2,564	5,893.7	39	44	51	60	89	91
3471	Plating and polishing.....1967....	3,170	791.1	5	9	15	24	( <sup>62</sup> )	( <sup>62</sup> )
	1966....	(NA)	719.8	5	8	(NA)	(NA)	(NA)	(NA)
	1963....	2,968	517.6	5	8	14	22	( <sup>62</sup> )	( <sup>62</sup> )
	1958....	2,588	353.5	5	7	12	21	( <sup>62</sup> )	( <sup>62</sup> )
	1954....	2,423	304.4	10	13	20	(NA)	( <sup>62</sup> )	( <sup>62</sup> )
	1947....	1,789	180.7	15	20	28	(NA)	( <sup>62</sup> )	( <sup>62</sup> )
	1935....	(NA)	(NA)	12	17	(NA)	(NA)	(NA)	(NA)
3479	Metal coating and allied services.....1967....	1,393	471.3	18	26	37	50	( <sup>62</sup> )	( <sup>62</sup> )
	1966....	(NA)	469.1	15	24	(NA)	(NA)	(NA)	(NA)
	1963....	1,227	322.1	17	26	39	54	( <sup>62</sup> )	( <sup>62</sup> )
	1958 <sup>63</sup> ..	986	194.4	21	28	(NA)	(NA)	( <sup>62</sup> )	( <sup>62</sup> )
3481	Miscellaneous fabricated wire products.....1967....	1,430	1,220.4	11	17	28	44	93	<sup>55</sup> 59
	1966....	(NA)	1,299.9	13	19	(NA)	(NA)	(NA)	(NA)
	1963....	1,464	1,030.9	13	19	31	46	93	<sup>55</sup> 65
	1958....	1,373	836.9	13	22	33	48	93	<sup>55</sup> 62
	1954....	1,205	744.8	18	26	40	(NA)	89	63
	1947....	853	466.0	20	31	48	(NA)	91	60
	1935....	(NA)	(NA)	23	35	(NA)	(NA)	(NA)	(NA)
3491	Metal barrels, drums, and pails.....1967....	91	370.7	36	54	77	97	92	88
	1966....	(NA)	361.7	39	55	(NA)	(NA)	(NA)	(NA)
	1963....	95	303.4	40	56	77	97	92	86
3492	Safes and vaults.....1967....	28	98.7	(D)	96	99+	100	87	85-90
	1966....	(NA)	91.8	(D)	(D)	(NA)	(NA)	(NA)	(NA)
	1963....	28	78.0	(D)	(D)	99+	100	81	90-95
	1958....	31	57.3	91	95	99+	100	78	97
	1954....	25	40.0	90	96	99+	100	87	97
	1947....	26	29.2	85	94	99+	100	98	98
	1935....	(NA)	(NA)	84	97	(NA)	(NA)	(NA)	(NA)
3493	Steel springs.....1967....	105	192.4	27	47	78	96	88	63
	1966....	(NA)	162.2	41	62	(NA)	(NA)	(NA)	(NA)
	1963....	91	157.7	44	63	85	98	91	67

See footnotes at end of table.



TABLE 5. Percent of Value of Shipments Accounted for by the Largest Companies in Each Manufacturing Industry: 1967 and Earlier Years—Continued

Code	Industry and year <sup>1</sup>	Companies <sup>2</sup>  (number)	Value of shipments <sup>3</sup>				Primary product specialization ratio <sup>5</sup> (percent)	Coverage ratio <sup>6</sup> (percent)	
			Total (million dollars)	Percent accounted for by-- <sup>4</sup>					
				4 largest companies	8 largest companies	20 largest companies			50 largest companies
			MAJOR GROUP 34. FABRICATED METAL PRODUCTS--Continued						
3494	Valves and pipe fittings.....1967....	575	2,274.5	14	23	42	65	87	88
	1966....	(NA)	2,209.0	13	23	(NA)	(NA)	(NA)	(NA)
	1963....	580	1,588.5	13	23	41	62	86	85
	1958....	535	1,196.5	17	27	46	66	87	88
	1954....	523	959.0	17	27	47	(NA)	75	86
	1947....	436	633.8	24	32	50	(NA)	82	90
3496	Collapsible tubes.....1967....	15	65.0	61	92	100	(X)	80	100
	1966....	(NA)	65.0	54	86	(NA)	(NA)	(NA)	(NA)
	1963....	18	51.0	58	92	100	(X)	88	100
	1958....	18	41.4	54	86	100	(X)	91	100
	1954....	19	36.9	52	82	100	(X)	93	100
	1947....	19	27.0	53	81	100	(X)	91	100
	1935....	(NA)	(NA)	52	79	(NA)	(NA)	(NA)	(NA)
3497	Metal foil and leaf.....1967....	59	265.5	43	65	87	99+	85	56
	1966 <sup>2</sup> ....	(NA)	165.9	43	66	(NA)	(NA)	(NA)	(NA)
	1963 <sup>2</sup> ....	56	151.6	54	73	90	99+	86	41
3498	Fabricated pipe and fittings.....1967....	356	508.1	17	27	48	68	95	90
	1966....	(NA)	463.0	13	22	(NA)	(NA)	(NA)	(NA)
	1963....	328	305.6	17	28	48	71	92	91
	1958....	269	296.6	24	39	55	75	90	92
	1954....	237	225.9	27	42	62	(NA)	92	88
	1947....	206	116.0	22	36	59	(NA)	82	83
3499	Fabricated metal products, n.e.c.....1967....	1,233	981.7	14	21	34	50	90	71
	1966....	(NA)	850.3	16	23	(NA)	(NA)	(NA)	(NA)
	1963....	1,254	573.2	16	22	34	49	89	62
	1958....	962	316.1	19	29	42	59	88	62
	1954....	1,017	237.8	18	29	43	(NA)	85	53
	1947....	430	73.2	31	43	58	(NA)	90	60
			MAJOR GROUP 35. MACHINERY, EXCEPT ELECTRICAL						
3511	Steam engines and turbines.....1967....	20	1,043.2	88	98	100	(X)	83	78
	1966....	(NA)	867.2	87	98	(NA)	(NA)	(NA)	(NA)
	1963....	17	616.4	93	98	100	(X)	85	82
3519	Internal combustion engines, n.e.c.....1967....	129	2,093.2	47	64	89	99	89	83
	1966....	(NA)	2,052.5	52	69	(NA)	(NA)	(NA)	(NA)
	1963....	120	1,473.6	49	65	89	99	86	86
3522	Farm machinery.....1967....	1,526	4,299.9	44	56	68	77	92	94
	1966....	(NA)	4,332.0	45	59	(NA)	(NA)	(NA)	(NA)
	1963....	1,481	2,842.2	43	55	67	77	89	95
3531	Construction machinery.....1967....	578	4,138.0	41	53	72	85	88	92
	1966....	(NA)	3,767.8	45	57	(NA)	(NA)	(NA)	(NA)
	1963....	561	2,696.0	42	53	70	84	91	89
3532	Mining machinery.....1967....	197	622.2	37	52	73	89	78	82
	1966....	(NA)	630.4	34	52	(NA)	(NA)	(NA)	(NA)
	1963....	198	417.6	35	53	74	91	75	82
3533	Oilfield machinery.....1967....	309	799.8	21	36	60	82	85	92
	1966....	(NA)	846.0	24	39	(NA)	(NA)	(NA)	(NA)
	1963....	373	666.5	25	37	57	80	90	91
3534	Elevators and moving stairways.....1967 <sup>64</sup> ..	130	319.7	55	67	81	94	94	95
	1966....	(NA)	352.6	63	74	(NA)	(NA)	(NA)	(NA)
	1963....	126	318.6	62	73	85	95	97	95
	1958....	135	189.4	62	71	82	93	97	80
	1954....	127	161.0	66	74	83	(NA)	87	89
	1947....	108	101.8	63	73	84	(NA)	92	91
3535	Conveyors and conveying equipment.....1967....	416	736.0	29	39	56	74	85	83
	1966....	(NA)	725.4	29	39	(NA)	(NA)	(NA)	(NA)
	1963....	428	494.6	28	39	60	78	82	83
3536	Hoists, cranes, and monorails.....1967....	139	444.4	44	61	80	93	78	83
	1966....	(NA)	437.3	44	62	(NA)	(NA)	(NA)	(NA)
	1963....	120	220.0	36	53	79	95	80	77

See footnotes at end of table.

TABLE 5. Percent of Value of Shipments Accounted for by the Largest Companies in Each Manufacturing Industry: 1967 and Earlier Years—Continued

Code	Industry and year <sup>1</sup>	Companies <sup>2</sup>  (number)	Value of shipments <sup>3</sup>				Primary product specialization ratio <sup>5</sup> (percent)	Coverage ratio <sup>6</sup> (percent)	
			Total (million dollars)	Percent accounted for by-- <sup>4</sup>					
				4 largest companies	8 largest companies	20 largest companies			50 largest companies
		MAJOR GROUP 35. MACHINERY, EXCEPT ELECTRICAL--Continued							
3537	Industrial trucks and tractors.....	337	778.0	48	62	76	87	93	86
	1966....	(NA)	792.1	49	63	(NA)	(NA)	(NA)	(NA)
	1963....	304	447.0	54	64	77	88	90	81
	1958....	251	255.0	52	64	77	88	92	84
	1954....	234	245.1	50	62	77	(NA)	88	83
	1947....	191	162.2	57	69	81	(NA)	84	84
3541	Machine tools, metal-cutting types.....	865	2,127.2	21	33	54	77	86	90
	1966....	(NA)	1,826.1	22	34	(NA)	(NA)	(NA)	(NA)
	1963....	784	1,060.8	20	32	52	74	81	88
	1958....	608	684.8	21	32	52	74	82	90
	1954....	627	1,146.9	19	29	52	(NA)	84	93
	1947....	312	493.9	20	30	50	(NA)	77	86
3542	Machine tools, metal-forming types.....	344	714.0	23	38	63	82	85	84
	1966....	(NA)	727.7	24	38	(NA)	(NA)	(NA)	(NA)
	1963....	362	441.4	22	39	61	80	86	79
3544	Special dies, tools, jigs, and fixtures.....	6,532	2,202.3	4	7	12	19	94	74
	1966....	(NA)	2,217.9	5	8	(NA)	(NA)	(NA)	(NA)
	1963....	5,850	1,388.8	6	9	14	21	93	72
3545	Machine tool accessories.....	1,073	1,309.9	20	32	47	64	85	85
	1966....	(NA)	1,230.3	20	32	(NA)	(NA)	(NA)	(NA)
	1963....	983	787.3	17	29	46	63	83	84
3548	Metalworking machinery, n.e.c.....	409	1,158.1	26	41	66	84	86	88
	1966....	(NA)	1,148.0	25	40	(NA)	(NA)	(NA)	(NA)
	1963....	420	796.3	25	40	64	85	85	88
3551	Food products machinery.....	611	830.2	22	34	49	66	88	86
	1966....	(NA)	827.3	21	32	(NA)	(NA)	(NA)	(NA)
	1963....	649	640.5	22	33	47	65	86	87
	1958....	657	429.5	16	27	43	61	86	84
	1954....	650	404.3	16	29	46	(NA)	84	86
	1947....	605	327.7	18	27	43	(NA)	89	82
3552	Textile machinery.....	524	711.7	31	48	65	78	94	95
	1966....	(NA)	820.3	33	51	(NA)	(NA)	(NA)	(NA)
	1963....	529	542.7	35	52	67	80	93	94
	1958....	507	363.2	34	49	64	79	87	94
	1954....	517	336.8	32	46	63	(NA)	89	93
	1947....	470	403.4	30	44	59	(NA)	95	93
	1935....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3553	Woodworking machinery.....	232	314.4	37	51	70	88	83	87
	1966....	(NA)	382.5	32	45	(NA)	(NA)	(NA)	(NA)
	1963....	245	252.8	35	48	65	83	80	83
	1958....	251	204.7	39	52	69	85	79	86
	1954....	247	167.2	37	52	72	(NA)	84	81
	1947....	(19)	153.4	(19)	(19)	(19)	(19)	(19)	(19)
3554	Paper industries machinery.....	206	551.4	43	54	72	90	92	86
	1966....	(NA)	502.8	37	51	(NA)	(NA)	(NA)	(NA)
	1963....	204	403.9	41	53	74	92	88	90
	1958....	192	292.4	47	58	78	92	93	90
	1954....	163	196.6	34	46	69	(NA)	85	86
	1947....	144	151.1	28	42	66	(NA)	85	89
3555	Printing trades machinery.....	485	752.3	48	57	72	86	98	94
	1966....	(NA)	649.1	46	58	(NA)	(NA)	(NA)	(NA)
	1963....	463	448.4	44	53	68	83	95	93
	1958....	421	279.1	42	53	68	82	97	92
	1954....	342	248.7	38	57	73	(NA)	95	90
	1947....	300	199.4	31	48	70	(NA)	95	94
	1935....	(NA)	(NA)	32	47	(NA)	(NA)	(NA)	(NA)
3559	Special industry machinery, n.e.c. <sup>65</sup> .....	1,085	1,833.0	13	21	35	54	82	81
3561	Pumps and compressors.....	480	2,207.5	26	37	56	75	87	88
	1966....	(NA)	2,151.1	27	38	(NA)	(NA)	(NA)	(NA)
	1963....	589	1,419.1	26	36	55	75	85	86

See footnotes at end of table.

TABLE 5. Percent of Value of Shipments Accounted for by the Largest Companies in Each Manufacturing Industry: 1967 and Earlier Years—Continued

Code	Industry and year <sup>1</sup>	Companies <sup>2</sup>  (number)	Value of shipments <sup>3</sup>				Primary product specialization ratio <sup>5</sup>  (percent)	Coverage ratio <sup>6</sup>  (percent)	
			Total  (million dollars)	Percent accounted for by-- <sup>4</sup>					
				4 largest companies	8 largest companies	20 largest companies			50 largest companies
		MAJOR GROUP 35. MACHINERY, EXCEPT ELECTRICAL--Continued							
3562	Ball and roller bearings.....1967....	85	1,328.5	54	73	90	99	97	97
	1966....	(NA)	1,398.9	56	74	(NA)	(NA)	(NA)	(NA)
	1963....	93	998.8	57	76	91	99	97	98
	1958....	85	638.9	57	77	92	99	97	98
	1954....	83	537.2	60	79	92	(NA)	98	98
	1947....	78	365.6	62	79	93	(NA)	94	96
3564	Blowers and fans.....1967....	271	525.2	23	37	62	84	85	82
	1966....	(NA)	444.3	25	39	(NA)	(NA)	(NA)	(NA)
	1963....	225	315.3	27	43	67	88	83	79
	1958....	197	250.5	28	43	66	86	83	79
	1954....	208	261.8	31	49	68	(NA)	83	76
	1947....	187	140.7	39	54	72	(NA)	75	78
3565	Industrial patterns.....1967....	1,156	201.8	9	14	24	39	96	80
	1966....	(NA)	233.0	(S)	(S)	(NA)	(NA)	(NA)	(NA)
	1963....	1,206	140.7	9	14	24	37	96	80
3566	Power transmission equipment.....1967....	476	1,263.4	25	39	57	73	90	83
	1966....	(NA)	1,314.1	25	39	(NA)	(NA)	(NA)	(NA)
	1963....	498	888.6	24	36	57	75	84	79
3567	Industrial furnaces and ovens.....1967....	246	495.7	36	50	68	85	87	88
	1966....	(NA)	401.0	35	48	(NA)	(NA)	(NA)	(NA)
	1963....	229	279.1	28	42	62	84	84	79
3569	General industrial machinery, n.e.c. <sup>85</sup> .....1967....	725	901.2	10	19	36	56	85	79
3572	Typewriters.....1967....	20	595.5	81	99	100	(X)	86	99
	1966....	(NA)	533.9	79	99	(NA)	(NA)	(NA)	(NA)
	1963....	17	315.4	76	99	100	(X)	85	99
	1958....	15	230.1	79	99	100	(X)	82	99-100
	1954....	15	173.4	83	99	100	(X)	80	97
	1947....	23	153.9	79	96	100	(X)	90-100	97-100
	1935....	(NA)	(NA)	(NA)	99	(NA)	(NA)	(NA)	(NA)
3573	Electronic computing equipment <sup>86</sup> .....1967....	134	71,926.4	66	83	92	98	(67)	(67)
3574	Calculating and accounting machines <sup>66</sup> .....1967....	132	707.8	83	90	95	99	85	84
3576	Scales and balances.....1967....	69	140.2	53	72	92	99	93	96
	1966....	(NA)	130.7	50	69	(NA)	(NA)	(NA)	(NA)
	1963....	81	98.5	50	69	88	99	92	97
3579	Office machines, n.e.c.....1967....	170	516.6	63	74	87	96	89	77
	1966....	(NA)	466.4	57	69	(NA)	(NA)	(NA)	(NA)
	1963....	158	349.2	59	71	85	96	81	79
3581	Automatic merchandising machines.....1967....	143	248.0	60	74	87	96	97	88
	1966....	(NA)	279.5	61	77	(NA)	(NA)	(NA)	(NA)
	1963....	148	238.0	55	72	84	95	81	90
3582	Commercial laundry equipment.....1967....	109	183.1	51	63	83	97	92	79
	1966....	(NA)	190.5	51	(S)	(NA)	(NA)	(NA)	(NA)
	1963....	107	136.8	47	57	77	96	91	89
	1958....	113	111.7	51	66	83	96	94	95
	1954....	101	88.1	51	67	81	(NA)	83	93
	1947....	119	4.4	59	69	81	(NA)	94	94
3585	Refrigeration machinery.....1967....	624	71,479.8	31	45	62	78	(67)	(67)
	1966....	(NA)	71,235.7	34	49	(NA)	(NA)	(NA)	(NA)
	1963....	655	892.7	25	39	58	77	(67)	(67)
3586	Measuring and dispensing pumps.....1967....	46	174.7	56	83	97	100	71	80
	1966....	(NA)	206.9	48	77	(NA)	(NA)	(NA)	(NA)
	1963....	42	159.5	46	80	97	100	73	85
	1958....	32	110.5	52	85	99	100	66	90
	1954....	(68)	104.4	(68)	(68)	(68)	(68)	(68)	(68)
	1947....	51	125.1	49	76	97	(D)	76	98
3589	Service industry machines, n.e.c.....1967....	554	598.1	14	24	44	66	89	88
	1966....	(NA)	570.8	15	26	(NA)	(NA)	(NA)	(NA)
	1963....	496	378.3	14	26	46	67	86	84
3599	Miscellaneous machinery, except electrical....1967....	15,055	3,712.0	7	11	17	24	93	94
	1966....	(NA)	2,864.8	6	11	(NA)	(NA)	(NA)	(NA)
	1963....	12,032	2,036.3	8	12	20	27	90	90

See footnotes at end of table.



TABLE 5. Percent of Value of Shipments Accounted for by the Largest Companies in Each Manufacturing Industry: 1967 and Earlier Years—Continued

Code	Industry and year <sup>1</sup>	Companies <sup>2</sup>  (number)	Value of shipments <sup>3</sup>				Primary product specialization ratio <sup>5</sup> (percent)	Coverage ratio <sup>6</sup> (percent)	
			Total (million dollars)	Percent accounted for by-- <sup>4</sup>					
				4 largest companies	8 largest companies	20 largest companies			50 largest companies
		MAJOR GROUP 36. ELECTRICAL EQUIPMENT AND SUPPLIES							
3611	Electrical measuring instruments.....1967....	502	1,184.0	35	45	61	77	84	79
	1966....	(NA)	1,020.5	36	48	(NA)	(NA)	(NA)	(NA)
	1963....	536	749.2	34	47	65	81	84	78
3612	Transformers.....1967....	150	1,188.4	65	78	92	97	95	98
	1966....	(NA)	1,053.0	66	80	(NA)	(NA)	(NA)	(NA)
	1963....	144	722.9	68	79	93	98	92	94
	1958....	153	639.1	71	84	94	98	94	93
	1954....	152	686.1	78	89	95	(NA)	87	94
	1947....	134	357.0	73	84	93	(NA)	85	91
3613	Switchgear and switchboard apparatus.....1967....	398	1,690.0	51	65	78	88	89	90
	1966....	(NA)	1,549.0	52	67	(NA)	(NA)	(NA)	(NA)
	1963....	338	1,093.7	51	65	79	89	87	89
3621	Motors and generators.....1967....	320	2,402.3	48	60	74	87	83	83
	1966....	(NA)	2,288.8	48	57	(NA)	(NA)	(NA)	(NA)
	1963....	316	1,709.8	50	59	73	88	81	84
	1958....	317	1,359.7	47	56	72	88	83	88
	1954....	266	1,389.1	50	59	75	(NA)	82	84
	1947....	224	995.6	59	66	80	(NA)	81	92
3622	Industrial controls.....1967....	456	1,102.8	49	63	77	88	83	81
	1966....	(NA)	1,049.0	50	65	(NA)	(NA)	(NA)	(NA)
	1963....	421	648.7	56	69	91	90	79	79
3623	Welding apparatus.....1967....	133	493.3	38	53	78	93	91	94
	1966....	(NA)	533.8	38	53	(NA)	(NA)	(NA)	(NA)
	1963....	133	330.2	41	54	79	94	93	89
	1958....	123	234.7	39	52	78	95	93	92
	1954....	111	168.8	39	52	76	(NA)	90	92
	1947....	103	103.7	46	58	79	(NA)	93	89
3624	Carbon and graphite products.....1967....	49	296.4	86	93	98	100	96	96
	1966....	(NA)	283.2	88	93	(NA)	(NA)	(NA)	(NA)
	1963....	40	226.9	83	92	98	100	93	96
	1958....	34	154.5	87	92	99	100	97	95
	1954....	43	111.0	86	93	98	100	98	94
	1947....	36	68.7	87	93	99	100	95	95
3629	Electrical industrial apparatus, n.e.c.....1967....	212	328.8	30	42	61	83	84	67
	1966....	(NA)	369.4	33	45	(NA)	(NA)	(NA)	(NA)
	1963....	226	238.3	38	51	67	84	80	72
3631	Household cooking equipment.....1967....	66	551.9	56	72	90	99+	92	77
	1966....	(NA)	548.5	54	71	(NA)	(NA)	(NA)	(NA)
	1963....	77	473.5	51	68	88	99+	87	72
3632	Household refrigerators and freezers.....1967....	31	1,785.4	73	93	99+	100	59	99
	1966....	(NA)	1,674.9	72	93	(NA)	(NA)	(NA)	(NA)
	1963....	31	1,306.5	74	91	99+	100	66	99
3633	Household laundry equipment.....1967....	25	982.5	78	95	99+	100	87	90
	1966....	(NA)	946.9	79	95	(NA)	(NA)	(NA)	(NA)
	1963....	31	760.2	78	95	99+	100	89	87
	1958....	34	722.2	71	90	99	100	91	91
	1954....	48	527.5	68	85	99	100	93	81
	1947....	59	442.3	40	65	91	(NA)	90	91
	1935....	(NA)	(NA)	56	79	(NA)	(NA)	(NA)	(NA)
3634	Electric housewares and fans.....1967....	248	1,112.0	52	63	80	94	90	86
	1966....	(NA)	1,127.8	50	61	(NA)	(NA)	(NA)	(NA)
	1963....	286	850.3	41	59	78	92	87	81
3635	Household vacuum cleaners.....1967....	34	293.2	76	94	99	100	75	84
	1966....	(NA)	252.6	78	98	(NA)	(NA)	(NA)	(NA)
	1963....	34	175.4	81	96	99	100	87	80
3636	Sewing machines.....1967....	83	123.6	81	92	97	99+	95-99	96
	1966....	(NA)	120.8	(D)	(S)	(NA)	(NA)	(NA)	(NA)
	1963....	83	117.2	(D)	93	97	99+	90-95	96
	1958....	80	95.4	(D)	93	97	99	97	94
	1954....	78	112.0	81	91	96	(NA)	91	94
	1947....	69	97.0	77	87	97	(NA)	95	94
	1935....	(NA)	(NA)	78	90	(NA)	(NA)	(NA)	(NA)

See footnotes at end of table.

TABLE 5. Percent of Value of Shipments Accounted for by the Largest Companies in Each Manufacturing Industry: 1967 and Earlier Years—Continued

Code	Industry and year <sup>1</sup>	Companies <sup>2</sup>  (number)	Value of shipments <sup>3</sup>				Primary product specialization ratio <sup>5</sup> (percent)	Coverage ratio <sup>6</sup> (percent)	
			Total  (million dollars)	Percent accounted for by-- <sup>4</sup>					
				4 largest companies	8 largest companies	20 largest companies			50 largest companies
			MAJOR GROUP 36. ELECTRICAL EQUIPMENT AND SUPPLIES--Continued						
3639	Household appliances, n.e.c.....1967....	71	479.9	44	65	92	99+	87	79
	1966....	(NA)	448.9	45	67	(NA)	(NA)	(NA)	(NA)
	1963....	102	435.5	41	61	86	98	79	79
3641	Electric lamps.....1967....	72	781.8	91	95	99	99+	94	95
	1966....	(NA)	742.0	93	97	(NA)	(NA)	(NA)	(NA)
	1963....	54	574.5	92	96	99	(D)	95	96
	1958....	35	409.5	92	97	99+	100	94	98
	1954....	35	326.3	93	97	99+	100	94	99
	1947....	35	203.2	92	96	99+	100	94	100
3642	Lighting fixtures.....1967....	1,148	1,593.6	19	29	41	56	93	94
	1966....	(NA)	1,544.1	18	28	(NA)	(NA)	(NA)	(NA)
	1963....	1,203	1,159.5	17	26	38	54	93	93
	1958....	1,180	798.5	16	23	33	49	89	92
	1954....	1,211	641.6	20	28	39	(NA)	90	90
	1947....	1,198	465.4	18	26	39	(NA)	90	89
3643	Current-carrying wiring devices.....1967....	351	837.0	32	48	67	83	78	78
	1966....	(NA)	811.3	32	48	(NA)	(NA)	(NA)	(NA)
	1963....	431	616.0	28	44	64	82	80	83
3644	Noncurrent-carrying wiring devices.....1967....	158	637.9	25	40	68	93	74	82
	1966....	(NA)	673.9	22	36	(NA)	(NA)	(NA)	(NA)
	1963....	168	479.0	22	39	66	91	77	80
3651	Radio and TV receiving sets.....1967....	303	3,846.3	49	69	85	95	94	99
	1966....	(NA)	4,117.4	48	68	(NA)	(NA)	(NA)	(NA)
	1963....	322	2,254.9	41	62	82	94	91	96
3652	Phonograph records.....1967....	306	276.4	58	67	81	92	99	96
	1966....	(NA)	218.4	71	79	(NA)	(NA)	(NA)	(NA)
	1963....	128	180.2	69	75	85	94	99	97
	1958....	85	138.6	76	83	90	98	97	98
	1954....	135	84.7	70	80	88	(NA)	94	97
	1947....	96	110.2	79	87	94	(NA)	96	99
3661	Telephone and telegraph apparatus.....1967....	82	1,536.7	92	96	99	99+	88	96
	1966....	(NA)	1,431.8	94	97	(NA)	(NA)	(NA)	(NA)
	1963....	65	1,013.8	92	96	99	99+	(57)	(57)
	1958....	44	749.7	92	97	99+	100	(57)	(57)
	1954....	56	7497.8	90	95	(NA)	(NA)	(57)	(57)
	1947....	50	7384.4	(69)	(69)	(69)	(69)	(57)	(57)
3662	Radio and TV communication equipment.....1967....	1,111	8,555.8	22	37	61	81	89	92
	1966....	(NA)	7,562.6	24	39	(NA)	(NA)	(NA)	(NA)
	1963....	1,001	7,145.6	29	45	69	84	88	91
3671	Electron tubes, receiving type.....1967....	28	300.6	94	99	99+	100	85	94
	1966....	(NA)	336.1	95	99+	(NA)	(NA)	(NA)	(NA)
	1963....	30	321.1	87	99	99+	100	89	95
3672	Cathode ray picture tubes.....1967....	95	832.3	84	98	99+	99+	92	98
	1966....	(NA)	812.4	89	(D)	(NA)	(NA)	(NA)	(NA)
	1963....	148	269.1	91	95	97	99	85-90	90
3673	Electron tubes, transmitting.....1967....	43	369.4	70	87	98	100	79	72
	1966....	(NA)	369.9	57	77	(NA)	(NA)	(NA)	(NA)
	1963....	45	299.5	52	77	96	100	80	75
3674	Semiconductors.....1967....	141	1,141.0	47	65	85	98	92	87
	1966....	(NA)	1,123.7	51	70	(NA)	(NA)	(NA)	(NA)
	1963....	86	687.8	46	65	90	99	88	92
3679	Electronic components, n.e.c.....1967....	1,775	4,809.5	32	38	51	65	83	85
	1966....	(NA)	4,001.8	22	29	(NA)	(NA)	(NA)	(NA)
	1963....	1,743	2,332.2	13	21	35	54	89	78
3691	Storage batteries.....1967....	154	577.5	61	83	93	98	98	97
	1966....	(NA)	615.7	60	80	(NA)	(NA)	(NA)	(NA)
	1963....	169	516.5	59	78	92	97	98	99
	1958....	206	366.6	64	81	91	96	99	100
	1954....	244	341.4	64	80	90	(NA)	100	100
	1947....	205	297.7	62	78	87	(NA)	90	99

See footnotes at end of table.

TABLE 5. Percent of Value of Shipments Accounted for by the Largest Companies in Each Manufacturing Industry: 1967 and Earlier Years--Continued

Code	Industry and year <sup>1</sup>	Companies <sup>2</sup>  (number)	Value of shipments <sup>3</sup>				Primary product specialization ratio <sup>5</sup> (percent)	Coverage ratio <sup>6</sup> (percent)	
			Total (million dollars)	Percent accounted for by-- <sup>4</sup>					
				4 largest companies	8 largest companies	20 largest companies	50 largest companies		
		MAJOR GROUP 36. ELECTRICAL EQUIPMENT AND SUPPLIES--Continued							
3692	Primary batteries, dry and wet.....1967....	32	307.6	85	95	99+	100	97	86
	1966....	(NA)	277.0	88	97	(NA)	(NA)	(NA)	(NA)
	1963....	26	195.3	89	98	99+	100	96	91
	1958....	24	134.9	84	95	99+	100	99	98
	1954....	20	121.8	78	93	100	(X)	98	98
	1947....	23	85.0	76	95	99+	100	90-100	98-100
3693	X-ray apparatus and tubes.....1967....	78	233.2	62	77	92	99+	93	86
	1966....	(NA)	240.4	67	85	(NA)	(NA)	(NA)	(NA)
	1963....	56	143.7	67	79	93	99+	83	80
	1958....	126	77.2	63	74	87	96	85	82
	1954....	129	79.9	51	69	87	(NA)	81	91
	1947....	114	59.5	58	75	90	(NA)	94	93
3694	Engine electrical equipment.....1967....	239	1,364.7	66	77	89	96	81	85
	1966....	(NA)	1,342.5	72	81	(NA)	(NA)	(NA)	(NA)
	1963....	163	900.7	69	79	88	97	93	81
	1958....	147	565.7	66	78	91	95	81	85
	1954....	154	587.1	62	83	90	(NA)	85	87
	1947....	100	357.8	67	81	93	(NA)	89	91
3699	Electrical products, n.e.c.....1967....	528	290.8	23	34	52	73	93	<sup>55</sup> 50
	1966....	(NA)	319.3	30	40	(NA)	(NA)	(NA)	(NA)
	1963....	245	190.0	38	48	64	81	90	<sup>55</sup> 49
		MAJOR GROUP 37. TRANSPORTATION EQUIPMENT							
3711	Motor vehicles <sup>70</sup> .....1967....	107	27,296.0	92	98	99+	99+	96	99
3714	Motor vehicle parts and accessories.....1967....	1,424	11,623.8	60	68	78	87	96	99
	Total, motor vehicles and motor vehicle parts and accessories <sup>70 71</sup> .....1967....	(NA)	<sup>73</sup> 13,065.6	76	81	(NA)	(NA)	(NA)	(NA)
	1966....	(NA)	<sup>74</sup> 14,476.6	77	81	(NA)	(NA)	(NA)	(NA)
	1963....	1,655	<sup>75</sup> 11,433.9	77	82	88	93	( <sup>57</sup> )	( <sup>57</sup> )
3713	Truck and bus bodies.....1967....	620	706.1	21	30	47	65	85	92
	1966....	(NA)	718.6	17	26	(NA)	(NA)	(NA)	(NA)
	1963....	594	476.7	22	32	50	66	88	86
	1958....	548	292.4	21	31	49	68	87	87
	1954....	555	256.9	( <sup>58</sup> )	( <sup>58</sup> )	( <sup>58</sup> )	( <sup>58</sup> )	86	87
	1947....	599	242.3	22	31	48	(NA)	79	90
3715	Truck trailers.....1967....	147	713.9	48	64	82	95	94	91
	1966....	(NA)	795.6	53	66	(NA)	(NA)	(NA)	(NA)
	1963....	175	515.7	59	69	81	93	92	93
	1958....	155	324.6	52	63	77	93	84	83
	1954....	115	305.5	57	68	84	(NA)	82	93
	1947....	107	155.7	56	67	83	(NA)	81	87
3721	Aircraft.....1967....	91	<sup>73</sup> 5,447.6	69	89	99	99+	83	97
	1966....	(NA)	<sup>74</sup> 4,674.6	67	88	(NA)	(NA)	(NA)	(NA)
	1963....	82	<sup>75</sup> 3,542.7	59	83	99	99+	69	96
	1958....	<sup>59</sup> 113	<sup>76</sup> 3,375.9	59	83	99	99+	81	99
	1954....	( <sup>72</sup> )	<sup>77</sup> 3,348.9	( <sup>72</sup> )	( <sup>72</sup> )	( <sup>72</sup> )	( <sup>72</sup> )	( <sup>72</sup> )	( <sup>72</sup> )
	1947....	( <sup>72</sup> )	<sup>78</sup> 606.0	( <sup>72</sup> )	( <sup>72</sup> )	( <sup>72</sup> )	( <sup>72</sup> )	( <sup>72</sup> )	( <sup>72</sup> )
3722	Aircraft engines and engine parts.....1967....	205	5,289.7	64	81	93	97	88	92
	1966 <sup>T</sup> ....	(NA)	4,424.6	60	79	(NA)	(NA)	(NA)	(NA)
	1963 <sup>T</sup> ....	194	4,024.9	57	79	94	99+	87	93
	1958....	186	3,359.3	56	77	92	97	94	93
	1954....	202	3,189.0	62	81	93	(NA)	93	91
	1947....	54	464.6	72	88	98	(NA)	90	95
3729	Aircraft equipment, n.e.c. <sup>74</sup> .....1967....	825	4,694.4	25	43	60	76	78	64
	1966....	(NA)	3,992.3	24	39	(NA)	(NA)	(NA)	(NA)
	1963....	(NA)	3,359.4	38	52	65	79	(NA)	(NA)
3731	Ship building and repairing.....1967....	389	<sup>73</sup> 2,518.2	42	59	77	90	95	98
	1966....	(NA)	<sup>74</sup> 2,338.9	42	61	(NA)	(NA)	(NA)	(NA)
	1963....	305	<sup>75</sup> 1,679.8	48	63	81	92	92	99
	1958....	293	<sup>76</sup> 1,626.3	48	66	80	91	93	99
	1954....	328	<sup>77</sup> 1,077.9	43	58	74	(NA)	92	99
	1947....	272	<sup>78</sup> 802.6	43	55	73	(NA)	94	99

See footnotes at end of table.



TABLE 5. Percent of Value of Shipments Accounted for by the Largest Companies in Each Manufacturing Industry: 1967 and Earlier Years—Continued

Code	Industry and year <sup>1</sup>	Companies <sup>2</sup>  (number)	Value of shipments <sup>3</sup>				Primary product special- ization ratio <sup>5</sup>  (percent)	Coverage ratio <sup>6</sup>  (percent)	
			Total  (million dollars)	Percent accounted for by-- <sup>4</sup>					
				4 largest companies	8 largest companies	20 largest companies	50 largest companies		
MAJOR GROUP 37. TRANSPORTATION EQUIPMENT--Continued									
3732	Boat building and repairing.....1967....	1,565	571.4	19	27	41	57	96	91
	1966....	(NA)	485.1	20	29	(NA)	(NA)	(NA)	(NA)
	1963....	1,596	360.2	21	29	42	56	97	95
	1958....	1,622	310.2	18	25	37	52	94	95
	1954....	1,146	154.4	21	28	39	(NA)	93	85
	1947....	798	114.4	31	41	53	(NA)	83	88
3741	Locomotives and parts.....1967....	26	689.6	97	99	99+	100	80	92
	1966....	(NA)	700.7	98	99	(NA)	(NA)	(NA)	(NA)
	1963....	23	437.9	97	99	99+	100	83	90
	1958....	25	387.4	95	99	99+	100	85	90
	1954....	25	428.3	91	98	99+	100	82	95
	1947....	33	355.2	91	95	99	100	95	83
3742	Railroad and street cars.....1967....	79	1,420.9	53	69	90	99+	95	95
	1966....	(NA)	1,695.7	50	69	(NA)	(NA)	(NA)	(NA)
	1963....	68	927.2	53	73	93	99+	91	93
	1958....	55	554.4	58	81	97	99+	88	91
	1954....	47	495.8	64	81	98	100	83	86
	1947....	68	726.2	56	72	92	(NA)	91	91
3751	Motorcycles, bicycles, and parts.....1967....	87	299.6	57	76	95	99+	89	96
	1966....	(NA)	261.1	57	78	(NA)	(NA)	(NA)	(NA)
	1963....	85	192.9	56	77	94	99+	83	93
	1958....	49	118.3	58	81	97	99+	84	93
	1954....	44	95.6	50	77	97	100	86	92
	1947....	75	163.7	42	68	92	(NA)	87	89
3791	Trailer coaches.....1967....	708	1,324.5	19	31	48	67	99	99
	1966....	(NA)	1,089.3	21	33	(NA)	(NA)	(NA)	(NA)
	1963....	348	713.1	22	37	53	71	98	99
3799	Transportation equipment, n.e.c.....1967....	442	284.4	15	24	41	64	94	75
	1966....	(NA)	232.2	18	28	(NA)	(NA)	(NA)	(NA)
	1963....	507	167.4	14	23	40	62	89	75
MAJOR GROUP 38. INSTRUMENTS AND RELATED PRODUCTS									
3811	Engineering and scientific instruments.....1967....	642	1,000.8	28	38	56	71	88	73
	1966....	(NA)	748.7	29	41	(NA)	(NA)	(NA)	(NA)
	1963....	571	553.9	29	40	58	75	84	56
3821	Mechanical measuring devices.....1967....	605	1,455.1	20	34	58	79	86	82
	1966....	(NA)	1,428.5	21	33	(NA)	(NA)	(NA)	(NA)
	1963....	510	1,143.5	22	36	61	81	90	23
3822	Automatic temperature controls.....1967....	88	618.0	56	75	96	99+	81	81
	1966....	(NA)	628.5	59	77	(NA)	(NA)	(NA)	(NA)
	1963....	89	527.4	55	75	96	99+	82	95
3831	Optical instruments and lenses.....1967....	287	406.9	49	59	74	88	87	74
	1966....	(NA)	332.4	56	66	(NA)	(NA)	(NA)	(NA)
	1963....	272	196.0	41	53	73	87	90	61
	1958....	222	89.0	46	60	74	88	90	66
	1954....	(58)	(58)	(58)	(58)	(58)	(58)	(58)	(58)
	1947....	(19)	45.3	(19)	(19)	(19)	(19)	(19)	(19)
3841	Surgical and medical instruments.....1967....	298	475.4	38	54	72	88	91	63
	1966....	(NA)	360.1	40	51	(NA)	(NA)	(NA)	(NA)
	1963....	256	284.0	47	58	72	86	88	74
3842	Surgical appliances and supplies.....1967....	755	837.9	44	53	66	80	80	86
	1966....	(NA)	768.9	45	55	(NA)	(NA)	(NA)	(NA)
	1963....	525	594.8	49	58	71	84	80	90
3843	Dental equipment and supplies.....1967....	314	220.5	41	53	73	89	94	94
	1966....	(NA)	205.6	37	50	(NA)	(NA)	(NA)	(NA)
	1963....	267	147.8	37	50	70	88	94	92
	1958....	240	108.7	45	57	73	89	95	92
	1954....	193	79.2	40	53	73	(NA)	95	94
	1947....	209	71.1	40	52	72	(NA)	97	94
1935....	(NA)	(NA)	51	67	(NA)	(NA)	(NA)	(NA)	

See footnotes at end of table.

TABLE 5. Percent of Value of Shipments Accounted for by the Largest Companies in Each Manufacturing Industry: 1967 and Earlier Years--Continued

Code	Industry and year <sup>1</sup>	Companies <sup>2</sup>  (number)	Value of shipments <sup>3</sup>				Primary product specialization ratio <sup>5</sup> (percent)	Coverage ratio <sup>6</sup> (percent)		
			Total (million dollars)	Percent accounted for by-- <sup>4</sup>						
				4 largest companies	8 largest companies	20 largest companies	50 largest companies			
		MAJOR GROUP 38. INSTRUMENTS AND RELATED PRODUCTS--Continued								
3851	Ophthalmic goods.....	1967....	432	426.0	51	58	71	84	88	95
		1966....	(NA)	346.8	60	70	(NA)	(NA)	(NA)	(NA)
		1963....	211	272.7	53	62	77	90	86	82
		1958....	226	191.5	52	62	74	86	87	98
		1954....	223	157.9	54	63	75	(NA)	83	94
		1947....	175	121.2	58	69	80	(NA)	86	97
3861	Photographic equipment and supplies.....	1967....	505	3,664.5	69	81	89	95	95	97
		1966....	(NA)	3,285.7	67	79	(NA)	(NA)	(NA)	(NA)
		1963....	499	1,851.2	63	76	86	93	95	97
		1958....	450	1,133.6	65	74	85	93	94	94
		1954....	(58)	(58)	(58)	(58)	(58)	(58)	(58)	(58)
		1947....	346	457.5	61	70	81	(NA)	93	97
	1935....	(NA)	(NA)	77	84	(NA)	(NA)	(NA)	(NA)	
3871	Watches and clocks.....	1967....	153	746.5	47	63	87	98	85	90
		1966....	(NA)	669.4	45	63	(NA)	(NA)	(NA)	(NA)
		1963....	150	511.2	46	65	90	98	82	85
		1958....	153	322.1	48	70	89	97	88	95
		1954....	141	330.0	44	68	80	(NA)	82	90
		1947....	183	341.2	41	59	82	(NA)	97	98
	1935....	(NA)	(NA)	37	59	(NA)	(NA)	(NA)	(NA)	
3872	Watchcases.....	1967....	45	55.6	68	81	97	100	78	96
		1966....	(NA)	58.1	55	(S)	(NA)	(NA)	(NA)	(NA)
		1963....	51	33.6	57	72	93	(D)	86	97
		1958....	58	34.6	57	71	89	99+	80	98
		1954....	63	35.0	40	58	85	(NA)	86	85
		1947....	81	44.5	40	60	84	(NA)	87	94
	1935....	(NA)	(NA)	58	80	(NA)	(NA)	(NA)	(NA)	
		MAJOR GROUP 39. MISCELLANEOUS MANUFACTURING INDUSTRIES								
3911	Jewelry, precious metal.....	1967....	1,477	741.8	23	28	38	49	91	96
		1966....	(NA)	693.8	25	32	(NA)	(NA)	(NA)	(NA)
		1963....	1,428	481.9	26	33	42	53	92	97
		1958....	1,300	303.3	18	25	36	48	95	98
		1954....	1,323	258.1	15	23	36	(NA)	93	96
		1947....	1,342	248.2	13	20	32	(NA)	92	95
3912	Jewelers' findings and materials.....	1967....	232	128.6	31	44	63	83	90	94
		1966....	(NA)	(108.2)	24	35	(NA)	(NA)	(NA)	(NA)
		1963....	228	72.8	33	45	65	83	92	89
		1958....	248	56.5	27	41	58	80	90	97
		1954....	234	69.3	43	53	66	(NA)	92	91
		1947....	180	73.5	39	52	75	(NA)	92	93
3913	Lapidary work.....	1967....	296	89.5	30	47	70	89	95	78
		1966....	(NA)	(74.6)	40	51	(NA)	(NA)	(NA)	(NA)
		1963....	318	65.1	38	53	72	88	93	81
		1958....	326	38.5	16	28	53	79	99	87
		1954....	332	33.6	21	31	51	(NA)	97	91
		1947....	270	30.3	26	38	58	(NA)	98	98
	1935....	(NA)	(NA)	37	54	(NA)	(NA)	(NA)	(NA)	
3914	Silverware and plated ware.....	1967....	186	339.1	56	67	82	93	95	99
		1966....	(NA)	325.1	55	66	(NA)	(NA)	(NA)	(NA)
		1963....	201	238.0	55	66	81	91	95	98
		1958....	198	192.2	54	67	79	91	95	98
		1954....	190	211.1	61	72	83	(NA)	91	97
		1947....	221	221.6	61	72	82	(NA)	98	97
	1935....	(NA)	(NA)	56	68	(NA)	(NA)	(NA)	(NA)	
3931	Musical instruments and parts.....	1967....	304	434.3	35	58	79	91	97	98
		1966....	(NA)	437.3	36	57	(NA)	(NA)	(NA)	(NA)
		1963....	288	314.4	38	54	73	88	97	92
3941	Games and toys.....	1967....	653	1,113.5	25	36	56	73	88	96
		1966....	(NA)	1,157.2	22	32	(NA)	(NA)	(NA)	(NA)
		1963....	767	796.6	15	25	43	63	92	91
		1958....	845	532.1	13	22	35	53	95	93
		1954....	872	382.7	18	25	40	(NA)	95	89
		1947....	830	181.9	20	29	44	(NA)	92	99

See footnotes at end of table.

TABLE 5. Percent of Value of Shipments Accounted for by the Largest Companies in Each Manufacturing Industry: 1967 and Earlier Years—Continued

Code	Industry and year <sup>1</sup>	Companies <sup>2</sup>  (number)	Value of shipments <sup>3</sup>				Primary product specialization ratio <sup>5</sup> (percent)	Coverage ratio <sup>6</sup> (percent)		
			Total (million dollars)	Percent accounted for by-- <sup>4</sup>						
				4 largest companies	8 largest companies	20 largest companies	50 largest companies			
MAJOR GROUP 39. MISCELLANEOUS MANUFACTURING INDUSTRIES--Continued										
3942	Dolls.....	1967....	331	162.8	19	31	51	72	99+	70
		1966....	(NA)	150.2	(S)	(S)	(NA)	(NA)	(NA)	(NA)
		1963....	404	247.9	(D)	50	62	75	80-85	87
		1958....	482	160.3	12	20	37	59	98	94
		1954....	484	142.7	19	29	43	(NA)	92	97
		1947....	374	69.8	39	48	62	(NA)	89	98
3943	Children's vehicles, except bicycles.....	1967....	41	78.7	57	78	99	100	81	61
		1966....	(NA)	95.8	45	69	(NA)	(NA)	(NA)	(NA)
		1963....	60	77.5	43	67	94	99+	71	65
		1958....	57	71.6	37	62	91	99+	84	81
		1954....	58	76.6	46	66	90	(NA)	76	90
		1947....	119	85.8	30	52	79	(NA)	81	79
3949	Sporting and athletic goods, n.e.c.....	1967....	1,304	853.3	28	35	47	62	95	91
		1966....	(NA)	805.1	27	34	(NA)	(NA)	(NA)	(NA)
		1963....	1,361	704.7	37	44	52	64	93	91
		1958....	1,167	542.5	41	49	58	69	88	91
		1954....	1,007	293.7	21	31	47	(NA)	90	86
		1947....	843	202.3	24	37	53	(NA)	94	90
3951	Pens and mechanical pencils.....	1967....	113	211.8	46	60	80	96	93	92
		1966....	(NA)	216.4	46	60	(NA)	(NA)	(NA)	(NA)
		1963....	122	185.5	48	60	79	94	90	93
3952	Lead pencils and art goods.....	1967....	123	158.9	42	61	79	95	85	93
		1966....	(NA)	159.6	39	57	(NA)	(NA)	(NA)	(NA)
		1963....	140	121.6	37	55	75	94	87	90
		1958 <sup>7</sup> ..	138	93.4	44	60	(NA)	(NA)	88	92
3953	Marking devices.....	1967....	561	146.3	30	43	54	67	90	91
		1966....	(NA)	162.2	26	40	(NA)	(NA)	(NA)	(NA)
		1963....	581	126.8	40	49	59	70	84	90
		1958....	495	53.6	23	29	41	57	96	86
		1954....	444	47.6	20	28	42	(NA)	90	89
		1947....	415	27.5	16	25	40	(NA)	89	89
3955	Carbon paper and inked ribbons.....	1967....	87	206.8	37	54	78	98	94	79
		1966....	(NA)	196.5	38	56	(NA)	(NA)	(NA)	(NA)
		1963....	91	155.5	38	55	78	97	95	83
		1958....	97	116.4	29	47	75	94	91	89
		1954....	80	81.2	31	48	78	(NA)	93	83
		1947....	63	48.6	32	53	83	(NA)	90-100	90-100
3961	Costume jewelry.....	1967....	763	376.5	22	31	43	60	95	92
		1966....	(NA)	335.0	25	33	(NA)	(NA)	(NA)	(NA)
		1963....	910	280.5	17	25	39	55	95	95
		1958....	1,049	245.3	12	18	32	48	95	96
		1954....	1,123	239.4	14	21	32	(NA)	95	95
		1947....	855	170.3	24	33	48	(NA)	90	91
3962	Artificial flowers.....	1967....	319	84.7	19	28	47	70	97	85
		1966....	(NA)	(73.5)	(S)	(S)	(NA)	(NA)	(NA)	(NA)
		1963....	367	60.4	17	26	42	62	97	87
		1958....	428	60.4	12	19	35	56	98	98
		1954....	466	50.0	9	16	32	(NA)	97	98
		1947....	443	39.5	10	17	33	(NA)	97	99
3963	Buttons.....	1967....	227	80.8	26	39	59	80	97	90
		1966....	(NA)	72.9	(S)	(S)	(NA)	(NA)	(NA)	(NA)
		1963....	282	81.8	27	39	59	78	96	87
		1958....	348	65.7	20	32	52	73	98	88
		1954....	395	64.8	20	29	47	(NA)	92	89
		1947....	412	59.5	20	32	52	(NA)	93	94
3964	Needles, pins, and fasteners.....	1967....	262	385.3	47	58	71	86	93	89
		1966....	(NA)	409.3	43	55	(NA)	(NA)	(NA)	(NA)
		1963....	314	337.3	34	47	64	81	91	92
		1958....	359	214.8	35	47	64	80	93	89
		1954....	349	203.1	44	56	68	(NA)	82	91
		1947....	273	147.2	39	52	69	(NA)	91	89
		1935....	(NA)	(NA)	63	76	(NA)	(NA)	(NA)	(NA)

See footnotes at end of table.



TABLE 5. Percent of Value of Shipments Accounted for by the Largest Companies in Each Manufacturing Industry: 1967 and Earlier Years--Continued

Code	Industry and year <sup>1</sup>	Companies <sup>2</sup>  (number)	Value of shipments <sup>3</sup>				Primary product specialization ratio <sup>5</sup> (percent)	Coverage ratio <sup>6</sup> (percent)	
			Total  (million dollars)	Percent accounted for by-- <sup>4</sup>					
				4 largest companies	8 largest companies	20 largest companies			50 largest companies
MAJOR GROUP 39. MISCELLANEOUS MANUFACTURING INDUSTRIES--Continued									
3991	Brooms and brushes.....1967....	516	371.8	33	44	58	75	90	92
	.....1966....	(NA)	374.4	32	42	(NA)	(NA)	(NA)	(NA)
	.....1963....	628	321.1	31	41	57	73	89	(NA)
	.....1958....	713	252.2	23	33	49	65	87	96
	.....1954....	688	185.4	21	32	47	(NA)	91	92
	.....1947....	698	179.8	22	36	54	(NA)	94	97
3993	Signs and advertising displays.....1967....	3,159	875.1	6	10	17	28	97	95
	.....1966....	(NA)	818.6	6	10	(NA)	(NA)	(NA)	(NA)
	.....1963....	3,165	646.8	5	8	15	26	96	95
	.....1958....	2,689	446.9	5	8	14	26	86	87
	.....1954....	2,600	353.3	8	11	18	(NA)	93	92
	.....1947....	1,933	204.7	5	9	18	(NA)	95	88
	.....1935....	(NA)	(NA)	9	14	(NA)	(NA)	(NA)	(NA)
3994	Morticians' goods (previously identified as SIC 3988).....1967....	527	306.1	22	28	42	58	95	98
	.....1966....	(NA)	319.1	22	28	(NA)	(NA)	(NA)	(NA)
	.....1963....	581	290.0	20	27	41	57	95	98
	.....1958....	562	226.6	21	28	42	56	95	99
	.....1954....	541	166.1	20	26	38	(NA)	97	97
	.....1947....	525	188.8	26	34	45	(NA)	90	97
	.....1935....	(NA)	(NA)	17	23	(NA)	(NA)	(NA)	(NA)
3996	Hard surface floor coverings (previously identified as SIC 3982).....1967....	18	221.7	89	99	100	(X)	86	97
	.....1966....	(NA)	230.3	89	98	(NA)	(NA)	(NA)	(NA)
	.....1963....	15	204.1	87	98	100	(X)	82	98
	.....1958....	11	178.8	83	(D)	100	(X)	(NA)	(NA)
	.....1954....	10	181.6	87	(D)	100	(X)	85	97
	.....1947....	14	173.3	80	95	100	(X)	91	100
3999	Manufactures, n.e.c. <sup>7</sup> .....1967....	2,165	943.3	10	17	28	42	94	90

Note: The figures shown in parentheses either have associated standard errors exceeding 15 percent or are not consistent with other Census series and related data. Thus, these estimates may be of limited reliability.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. (S) Data suppressed because some of the largest companies were approximately the same size as others not included in the sample, and therefore a reliable numerator could not be computed. Revised.

n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

<sup>1</sup>Industry codes and descriptions are based on the 1957 Standard Industrial Classification Manual (SIC) as modified through 1967. This classification system represented a substantial revision from the previous 1945 edition and was put into effect with the final reports in the 1958 census. However, the concentration ratios in 1958 were tabulated on the 1945 edition to preserve comparability to prior years. Also in 1958, establishments in Alaska and Hawaii were not included as part of U.S. industry totals since these States did not attain Statehood until 1959. Data and ratios for 1958 and prior years are shown in this report only if the industry definitions are so closely comparable that the concentration ratios could not be affected by the shifting of plants due to industry classification changes or by the change in treatment of Alaska and Hawaii. (See "Concentration Ratios in Manufacturing Industry: 1958," Part I, table 7, for comparability of old-new industry definitions.)

<sup>2</sup>The determination of company affiliation of establishments is based on census reports and publicly available records. Value of shipment totals for establishments have been summarized into company totals in each manufacturing industry. "Largest" companies are determined by each company's value of shipments in the specified industry.

<sup>3</sup>Value of shipments figures are not completely comparable between the years 1963-67 and prior years. They include for all establishments classified in the industry (a) value of products primary to the industry, (b) value of all secondary products which are primary to other industries, (c) value of miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap, salable refuse, repairs, etc., and (d) value of resales--i.e., products resold in same condition as bought. In 1958 and prior years value of resales was excluded from value of shipments.

<sup>4</sup>The percentages consist of the sum of the value of shipments of the largest 4 companies (or 8, 20, or 50 companies), divided by the total value of shipments of the industry.

<sup>5</sup>The "primary product specialization ratio" measures the extent to which plants classified in the industry specialize in making products regarded as primary to the industry; that is, value of shipments of primary products of plants in the industry is expressed as a ratio of the total shipments of all products made by these establishments (excluding miscellaneous receipts, such as receipts for contract and commission work on materials owned by others, scrap and salable refuse, repair, etc.).

<sup>6</sup>The "coverage ratio" measures the extent to which all shipments of primary products of an industry are made by plants classified in the industry, as distinguished from secondary producers elsewhere; that is, value of shipments of the primary products made by plants classified in the industry is expressed as a ratio of the total shipments of primary products made by all producers, both in and out of the specified industry.

<sup>7</sup>Value added by manufacture is shown for this industry rather than value of shipments because the latter contains a substantial and unmeasurable amount of duplication. The calculations for the 4, 8, 20, and 50 largest companies also are based on value added. The value added figure for 1963 and later years is adjusted value added; for 1958 and prior years it is unadjusted value added. Adjusted value added is calculated by subtracting the cost of materials including cost of resales from the value of shipments including resales and adjusting for the change in finished products and work-in-process inventories during the year. Unadjusted value added excludes value added by resales and any inventory change.

<sup>8</sup>Not completely comparable to 1954 and later years because of a change in industry classification. For discussion of 1947 to 1954 comparability, see 1954 Census of Manufactures, Volume II, Industry Statistics, "Dairy Products."

<sup>9</sup>In 1954, industry 2027, Fluid Milk, was composed of two industries, 2026, Fluid Milk (only), and 2027, Fluid Milk and Other Products. In 1954 figures on value of shipments and share of value of shipments accounted for by the 4 and 8 largest companies have been recalculated on a basis comparable to 1958. In 1947 and earlier years, establishments primarily distributing fluid milk were classified as nonmanufacturing.

<sup>10</sup>Establishments in Alaska and Hawaii are important producers in this industry. Recomputed figures cannot be shown for the 4, 8, 20, and 50 companies prior to 1963 without disclosing the operation of individual companies in Alaska and Hawaii.



TABLE 5. Percent of Value of Shipments Accounted for by the Largest Companies in Each Manufacturing Industry: 1967 and Earlier Years—Continued

## FOOTNOTES--Continued

<sup>11</sup>Value of production shown for this industry rather than value of shipments. For 1963 and subsequent years the figure includes value of primary and secondary products made, miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap and other salable refuse, and the value of products bought and resold in the same condition. For 1958 and prior years resales are excluded.

<sup>12</sup>The 1954 data for industry 2036 are not completely comparable to 1958 and subsequent years; 1947 data are not available. In 1947 industry 2036, Packaged Seafood, was in part (frozen packaged seafood) included in industry 2037, Frozen Fruits, Vegetables, and Fish, and in part (fresh packaged seafood) included in nonmanufacturing industries (principally industry 5046, Fish and Seafoods). A significant but undetermined number of establishments classified in industry 2036 in 1958 and 1963 were probably classified in industry 5046 in 1954.

<sup>13</sup>Includes data for 21 wholesale distributors of malt liquors. Each had less than 10 employees and had no significant effect on any of the statistics for the industry except the establishment and company counts.

<sup>14</sup>Bonded store rooms which were engaged in blending wines were included in 1966, 1963, 1958, and 1954, but excluded in 1947.

<sup>15</sup>The discrepancy between these figures and those appearing in table 1 of the 1958 Census of Manufactures, Volume II, Chapter 20H, Fats and Oils (82 companies and \$994,865 thousand value of shipments) is due to a misclassification of 16 small companies into industry 2092. These companies should have been classified into industry 2096, Shortening and Cooking Oils.

<sup>16</sup>The 1957 SIC combined into this industry two industries which were separate in the 1945 SIC: industry 2882, Linseed Oil Mills, and industry 2884, Vegetable Oil Mills, N.E.C. The 1958 value of shipments figures for these two industries have been combined and the ratios for the 4 and 8 largest companies have been recomputed on a basis comparable to 1963 and 1966.

<sup>17</sup>The SIC, as revised in 1963, combined into this industry two industries which were separate in the 1945 SIC: industry 2886, Grease and Tallow, and industry 2889, Animal Oils, N.E.C. The 1958 value of shipments figures for these two industries have been combined and the ratios for the 4 and 8 largest companies have been recomputed on a basis comparable to 1963 and 1966.

<sup>18</sup>The 1957 SIC combined into this industry two industries which were separate in the 1945 SIC: industry 2092, Shortening and Cooking Oils, and industry 2093, Margarine. The 1958 value of shipments figures for these two industries have been combined and the ratios for the 4 and 8 largest companies have been recomputed on a basis comparable to 1963 and 1966.

<sup>19</sup>Comparable data are not available because of significant changes in the 1947 classification of plants or products in this industry.

<sup>20</sup>Jobbers were included in 1947 but excluded in 1954 and later years.

<sup>21</sup>Value of production shown for this industry in 1958 and prior years whereas value of shipments is shown for 1963 and later years. This change does not affect the comparability significantly. For industries 2253, 2254, 2256 and 2259, the method of computing coverage and specialization ratios was changed in 1967, causing a significant decrease in some ratios. See the separate report in the Industry Series for a more detailed discussion of this subject.

<sup>22</sup>The SIC combined in this industry two industries which were separate in the 1957 SIC: industry 2255, Knit Glove Mills, and industry 2259, Knitting Mills, N.E.C. The 1958 value of production figures for these two industries have been combined and the ratios for the 4 and 8 largest companies have been recomputed on a basis comparable to 1963 and later years.

<sup>23</sup>Includes finished cotton broadwoven fabrics (except commission finishing) which are also primary to industry 2211, Weaving Mills, Cotton. See the separate report for this industry in the Industry Series for a more detailed discussion of this subject.

<sup>24</sup>Includes finished synthetic fabrics (except commission finishing) which are also primary to industry 2221, Weaving Mills, Synthetics. See the separate report for this industry in the Industry Series for a more detailed discussion of this subject.

<sup>25</sup>Includes finished yarns except wool which are also primary to industry 2281, Yarn Mills, Except Wool. See the separate report for this industry in the Industry Series for a more detailed discussion of this subject.

<sup>26</sup>Excludes shipments of finished purchased yarns from establishments classified in industry 2269, Finishing Plants, N.E.C. See the separate report for this industry in the Industry Series for a more detailed discussion of this subject.

<sup>27</sup>This industry included a large number of very small establishments in 1958, and there is a possibility that some were misclassified as to industry. Industry misclassification of these small establishments does not affect significantly any statistics other than the number of establishments and companies.

<sup>28</sup>This industry included a large number of very small establishments in 1963 and some of these small establishments may have been misclassified as to industry. Industry misclassification of these small establishments does not affect significantly any statistics other than the number of establishments and companies.

<sup>29</sup>Includes products of Knitting Mills (SIC Group 225) which are primary to industries 2253 and 2254. See the separate report for this industry in the Industry Series for a more detailed discussion of this subject.

<sup>30</sup>Includes the shipments of women's and children's knit underwear and nightwear made in knitting mills (primary products of industry 2254) as well as the shipments of these products cut and sewed from purchased knit cloth. See the separate report for this industry in the Industry Series for a more detailed discussion of this subject.

<sup>31</sup>The 1957 SIC combined into this industry four industries which were separate in the 1945 SIC: industry 2281, Fur-Felt Hats and Hat Bodies; industry 2282, Wool-Felt Hats and Hat Bodies; industry 2283, Straw Hats; and industry 2325, Men's and Boys' Cloth Hats. The 1958 value of production figures for these four industries have been combined and the ratios for the largest 4 and 8 companies have been recomputed on a basis comparable to 1963 and 1966.

<sup>32</sup>Includes the shipments of children's knit outerwear made in Knitting Mills (primary products of industry 2253) as well as the shipments of these products cut and sewed from purchased knit cloth. See the separate report for this industry in the Industry Series for a more detailed discussion of this subject.

<sup>33</sup>Includes the shipments of fabric gloves made in Knitting Mills (primary products of industry 2259) as well as the shipments of fabric gloves cut and sewed from purchased fabrics.

<sup>34</sup>The 1957 SIC combined in this industry two industries which were separate in the 1945 SIC: industry 2381, Fabric Dress Gloves, and industry 2382, Fabric Work Gloves. The 1958 value of shipments figures for these two industries have been combined and the ratios for the 4 and 8 largest companies have been recomputed on a basis comparable to 1963 and 1966.

<sup>35</sup>A review of the reports for 1963 indicated that there were approximately 300 very small companies included in this industry which described their activities as custom drapery producers, interior decorators workrooms, etc. Approximately half of these companies were classified as nonmanufacturing in the 1958 Census.

<sup>36</sup>For 1963 the value of shipments total includes shipments of logs for establishments that own and maintain timberlands but contract the cutting of logs to others. The establishments that actually performed the logging on a contract basis also reported their receipts for contract logging under the heading total value of shipments. Thus, an undetermined amount of duplication exists in the shipments total. The figures previously reported for 1958 and prior years do not include shipments for timberland owners that do not perform their own logging.

<sup>37</sup>The coverage ratio for this industry is unusually low because of the large amount of wood chips manufactured by establishments classified in industry 2421, Sawmills and Planing Mills, general.

<sup>38</sup>The 1957 SIC combined in this industry two industries which were separate in the 1945 SIC: industry 2562, Window Shades, and industry 2563, Venetian Blinds. The 1958 value of shipments figures for these two industries have been combined and the ratios for the 4 and 8 largest companies have been recomputed on a basis comparable to 1963 and 1966.

<sup>39</sup>Beginning with 1958, the concentration ratios for this industry are not comparable to those published for earlier years. In the 1958 Census of Manufactures integrated pulp and paper companies were given the option of reporting their pulp and paper (or board) operations on a combined basis when both were conducted at a single physical location. Most integrated companies exercised this option and filed a single report covering their pulp, paper (or board) making operations at a single physical location, but a few with departmental accounting chose to report separately for the pulp mill and paper (or board) mill, as they were required to do in 1954 and 1947. The only other pulp mills separately reported in the 1958 Census of Manufactures were (1) those exclusively selling their pulp on the market (i.e., not associated or affiliated with a paper and board mill), and (2) those pulp mills affiliated or associated with paper or board mills but operated at a different physical location from the paper or board mill(s).

<sup>40</sup>The 1957 SIC combined in this industry two industries which were separate in the 1945 SIC: industry 2781, Bookbinding, and industry 2789, Miscellaneous Bookbinding Work. The 1958 value of shipments figures for these two industries have been combined and the ratios for the 4 and 8 largest companies have been recomputed on a basis comparable to 1963 and 1966.

<sup>41</sup>Comparable data for previous years are not available. In 1967, industry 2814, Cyclic (Coal Tar) Crudes, was included in industry 2815, Intermediate coal tar products.

<sup>42</sup>Comparable data are not available. In 1947, industry 2818, Organic Chemicals, N.E.C., included industry 2815, Intermediates and Organic Colors.

<sup>43</sup>Government-owned establishments that are privately operated are included in this industry but did not enter into the calculation of the specialization and coverage ratios as all dollar receipts for these establishments were included as primary receipts.



TABLE 5. Percent of Value of Shipments Accounted for by the Largest Companies in Each Manufacturing Industry: 1967 and Earlier Years—Continued

## FOOTNOTES--Continued

<sup>44</sup>The 1957 SIC combined in this industry two industries which were separate in the 1945 SIC: industry 2819, Inorganic Chemicals, N.E.C., and industry 2811, Sulfuric Acid. The 1958 value of shipments figures for these two industries have been combined and the ratios for the 4 and 8 largest companies have been recomputed on a basis comparable to 1963 and 1966.

<sup>45</sup>Includes lubricating oils and greases which are also primary to industry 2992, Lubricating Oils and Greases. See the separate report for this industry in the Industry Series for a more detailed discussion of this subject.

<sup>46</sup>Includes lubricating oils and greases which are also primary to industry 2911, Petroleum Refining. See the separate report for this industry in the Industry Series for a more detailed discussion of this subject.

<sup>47</sup>Includes data for industry 2991, Fuel Briquets and Packaged Fuels, and industry 2999, Petroleum and Coal Products, N.E.C. These industries were shown separately in 1947.

<sup>48</sup>The 1957 SIC combined in this industry two industries which were separate in the 1945 SIC: industry 3192, Saddlery, Harness, and Whips, and industry 3199, Leather Goods, N.E.C. The 1958 value of shipments figures for these two industries have been combined and the ratios for the 4 and 8 largest companies have been recomputed on a basis comparable to 1963 and 1966.

<sup>49</sup>This is a minimum ratio. The exact ratio is withheld to avoid disclosing figures for individual companies.

<sup>50</sup>The 1958 and earlier years' shipments and associated concentration ratios are not comparable to 1963 and 1966 because of the significant amount of resales excluded in the earlier period.

<sup>51</sup>Ready-mixed concrete was included in the census of manufactures for the first time in 1958. No comparable information is available for earlier years.

<sup>52</sup>Revised percentages not available.

<sup>53</sup>The value of shipments for this industry totaled \$16,418 million in 1963. These values, however, include duplication in that the products of some establishments are used as materials by others. A specialization ratio computed on the basis of net value of shipments would approximate 94 percent for 1963 and 1967. Although a coverage ratio cannot be computed precisely, it would exceed 84 percent for 1967 and 86 percent for 1963. Approximate ratios for 1958 were: specialization, 94 percent; coverage, 84 percent.

<sup>54</sup>Industry 3312, Blast Furnaces and Steel Mills, has been redefined since 1954 to include industry 3311, Blast Furnaces; industry 3312, Steelworks and Rolling Mills; industry 2931, Beehive Coke Ovens; and industry 2932, Byproduct Coke Ovens. For 1954 and 1947, value added by manufacture and shares accounted for by the largest 4, 8, and 20 companies have been recomputed on a basis comparable to later years.

<sup>55</sup>This ratio is based on shipments of primary products only by this industry. However, some of these products are also primary to one or more other industries. See the separate report for this industry in the Industry Series for a more detailed discussion of this subject.

<sup>56</sup>Industry 3321, Gray Iron Foundries, includes, in addition to commercial (jobbing) foundries, "captive" foundries at separate locations producing gray iron castings for other plants of the same company. Accordingly, the ratios for this industry do not reflect the market shares in the commercial foundry industry as such.

<sup>57</sup>Ratios not meaningful because total value of primary products shipped include a significant amount of duplication.

<sup>58</sup>Comparable data are not available due to significant revisions in the 1954 classification of plants or products in this industry.

<sup>59</sup>A number of small establishments was misclassified into this industry. This affects the figure for the number of companies but has no appreciable effect on the total value of shipments or the percentage of value of shipments accounted for by the largest companies.

<sup>60</sup>The 1957 SIC combined in this industry three industries which were separate in the 1945 SIC: industry 3422, Edge Tools; industry 3423, Hand Tools, N.E.C.; and industry 3424, Files. The 1958 value of shipments figures for these three industries have been combined and the ratios for the 4 and 8 largest companies have been recomputed on a basis comparable to 1963 and later years.

<sup>61</sup>Revisions were made to this industry for prior years to include automobile stampings plants operated by automobile producing companies. Concentration ratios cannot be published for prior years on a revised basis without approximating the operations of individual companies.

<sup>62</sup>Indexes not meaningful because of large miscellaneous receipts, particularly receipts for contract and commission work on materials owned by others.

<sup>63</sup>The 1957 SIC combined in this industry three industries which were separate in the 1945 SIC: industry 3465, Enameling and Lacquering; industry 3466, Galvanizing; and industry 3467, Engraving on Metal. The 1958 value of shipments figures for these three industries have been combined and the ratios for the 4 and 8 largest companies have been recomputed on a basis comparable to 1963 and later years.

<sup>64</sup>Not completely comparable to 1966 and earlier years. Some companies included construction receipts, with value of shipments in 1966 and prior years. Such receipts are excluded in 1967.

<sup>65</sup>Comparable data are not available for 1966 and earlier years because of significant changes in the 1967 classification of plants or products of this industry.

<sup>66</sup>Comparable data are not available for prior years as this industry was not separately identified prior to 1967.

<sup>67</sup>Ratios not meaningful because total value of primary products shipped include a significant amount of duplication.

<sup>68</sup>Comparable data are not available due to significant revisions in the 1954 classification of plants or products in this industry.

<sup>69</sup>Comparable figures not available. Ratios were calculated originally on value of shipments in 1954 and 1947. 1954 ratios for the largest 4 and 8 companies have been recalculated based on value added; 1947 ratios based on value added are not available.

<sup>70</sup>Prior to 1967 industries 3711 and 3714 were combined and identified as industry 3717.

<sup>71</sup>Data for 1966 and 1963 have been revised by the exclusion of automotive stamping plants operated by automobile producing companies, as a result of this revision, these plants are now classified in the metal stampings industry (SIC 3461). Data for years prior to 1963 have not been revised.

<sup>72</sup>Not completely comparable to 1958, and later years because of a change in the SIC System. In 1958 and later years, an establishment manufacturing complete aircraft was classified in industry 3721, Aircraft, if its value of work done on aircraft exceeded its value of shipments of any other single industry's products. In 1954 and earlier years, any establishment manufacturing at least one complete aircraft was classified in industry 3721.

<sup>73</sup>Value of work done rather than value of shipments. Includes miscellaneous receipts such as receipts for contract work and commission work on materials owned by others, scrap, salable refuse, repair work, etc.

<sup>74</sup>Data include aircraft propellers and parts, previously identified as industry 3723.

<sup>75</sup>The 1957 SIC combined into this industry two industries which were separate in the 1945 SIC: industry 3952, Lead Pencils and Crayons, and industry 3954, Artists' Materials. The 1958 value of shipments figures for these two industries have been combined and the ratios for the 4 and 8 largest companies have been recomputed on a basis comparable to 1963 and later years.

<sup>76</sup>The 1967 SIC combined into this industry six industries which were separate in the 1957 SIC: industry 3983, Matches; 3984, Candles; 3987, Lamp Shades; 3992, Furs, Dressed and Dyed; 3995, Umbrellas, Parasols and Canes; and 3999, Miscellaneous Products, N.E.C. concentration ratio data are not available for 1966 or prior years.



## Chapter 10

# Manufacturing Activity in Government Establishments

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## MANUFACTURING ACTIVITY IN GOVERNMENT ESTABLISHMENTS

This special report presents data of manufacturing activities for selected government establishments within the United States. These data are not included in other 1967 Census of Manufactures reports, which cover privately operated establishments only. Manufacturing establishments owned by the Federal Government and operated by private companies either for the government or for their own account are included with privately operated establishments. Three types of establishments are covered in this report: (1) Manufacturing facilities owned and operated by the Department of Defense; (2) prison industries (Federal, District of Columbia, and State); and (3) manufacturing facilities owned and operated by other U.S. Government agencies. The data were prepared with the cooperation of the Department of Defense, the Department of Justice, the Department of Interior, and the District of Columbia and State prison systems.

### MANUFACTURING FACILITIES OWNED BY THE U.S. GOVERNMENT AND OPERATED BY THE DEPARTMENT OF DEFENSE

Data are shown in tables 1A and 1B for manufacturing facilities owned by the U.S. Government and operated by the Department of Defense. Although these establishments may also be engaged in nonmanufacturing activities at the same location, the statistics represent only their activities relating to manufacturing. All manufacturing installations which produce goods or perform manufacturing services, such as industrial research and development, are covered in this report. Data resulting from the conversion and modification of ships and aircraft by the Army, Navy, and Air Force, are also included. Data for 1967 and 1963 are not comparable due to the inclusion of manufacturing activity by the Air Force in 1967. Of the total manufacturing revenue (\$4.3 billion) by defense facilities, \$0.6 billion was produced by Air Force. Also, the report does not include activities of Defense Department installations which serve primarily or exclusively their own installations (e.g., bakeries and some machine shops). All printing and publishing activities are excluded because almost every large government installation engages in these activities to some degree, thus making coverage difficult.

In tables 1A and 1B, statistics are shown for employment, man-hours, payrolls, costs, and billings. Military personnel are not included in any of the employment, payroll, or man-hours data. The data represent only nonmilitary (wage board and graded) employees engaged in manufacturing activities at the plant. The cost and billings data for 1967 are based on the Industrial Fund accounting system of the Department of Defense. The Industrial Fund concepts of "Total Billings" and "Total Earned Revenue," which were used for the 1967 data, differ because the latter is the result of increasing or decreasing "Total Billings" to reflect the change in unbilled costs of work in progress.

The 1967 value added by manufacture data, shown in table 1A, represent total earned revenue (including the value of manufacturing services) less the cost of materials, parts, and supplies actually consumed or put into production during the year.

### PRISON INDUSTRIES (FEDERAL, DISTRICT OF COLUMBIA, AND STATE)

During 1967, manufactured products valued at \$140.5 million were produced in Federal, District of Columbia, and State prisons in the United States. The comparable 1963 figure of \$112.7 million also includes the value of products produced for use within the institutions as well as for products transferred to other governmental agencies or for sale in the open market. These data, shown in detail in tables 2 and 3, cover the activities of the Federal Prison Industries, Inc., as well as those of the prison industries of each State and the District of Columbia.

MANUFACTURING FACILITIES OWNED AND OPERATED BY OTHER  
U.S. GOVERNMENT AGENCIES

Manufacturing operations of the Bureau of Mines, U.S. Department of Interior, are not included in the tables of this report. That agency is the primary producer of refined helium in the United States. During 1963, it operated five plants from which 752 million cubic feet of helium valued at \$26.3 million were shipped. The average number of employees totaled 333 of which 266 were production and related workers, and the total wages and salaries paid amounted to \$2.5 million. Comparable figures for other years as well as additional detail for production, shipments, consumption, prices, reserves, and activities relating to conservation and technology appear in the Minerals Yearbook, a publication of the Bureau of Mines.

Excluded from this report are the manufacturing activities of the Government Printing Office, the National Aeronautics and Space Administration, and the Tennessee Valley Authority. The operations of these agencies are covered in their annual reports. Also excluded are the minor manufacturing activities of such other government agencies as the Post Office Department and the General Services Administration.



Table 1A. Department of

Item	All employees (wage board and graded)		Production workers (wage board)			Costs	
	Number	Payroll	Number	Man-hours	Wages	Materials, supplies, and parts used	Contractual services and other costs
	(1,000)	(million dollars)	(1,000)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
SIC CODES AND MAJOR ACTIVITY							
All manufacturing facilities, total..	314.7	2,609.1	212.7	389.6	1,640.8	948.6	781.8
23 Apparel and other textile products.....	2.4	12.1	2.2	3.4	11.2	2.5	0.6
281 Industrial chemicals.....	6.6	57.8	2.9	5.4	20.4	14.3	19.6
289 Miscellaneous chemical products.....	3.3	25.7	2.3	4.1	16.1	28.1	3.2
353 Construction and related machinery.....	0.3	2.7	0.3	0.5	2.3	1.1	3.6
366 Communication equipment.....	18.3	157.9	8.1	14.6	60.5	69.2	95.9
372 Aircraft and parts.....	44.6	363.9	36.0	70.8	292.2	95.9	96.3
373 Ship and boat building and repairing....	92.9	773.1	74.0	131.7	610.6	289.7	68.4
382 Mechanical measuring and control devices	(Z)	0.2	(Z)	(Z)	0.1	(Z)	(Z)
19 Ordnance and accessories.....	77.9	674.8	41.8	79.4	320.0	227.2	237.4
192 Ammunition, except for small arms.....	51.6	436.5	26.6	51.1	193.1	126.3	179.3
-- Research and development.....	69.1	540.9	45.0	79.7	307.4	220.7	256.8
GEOGRAPHIC AREA							
United States, total.....	314.7	2,609.1	212.7	389.6	1,640.8	948.6	781.8
New England Division.....	23.7	193.5	16.3	29.4	126.1	52.5	41.4
New Hampshire.....	8.1	65.7	5.7	10.1	44.8	18.2	4.0
Massachusetts.....	9.8	80.0	7.3	12.7	56.8	25.4	13.9
Boston.....	8.8	70.9	6.6	11.4	51.6	24.0	8.8
Rhode Island.....	4.6	36.7	3.1	6.2	23.0	7.2	15.4
Connecticut.....	1.1	11.2	0.2	0.4	1.5	1.7	8.0
Middle Atlantic Division.....	46.8	396.2	26.1	46.2	194.9	144.9	194.3
New York.....	5.1	47.6	2.9	5.4	22.4	33.2	14.0
Albany-Schnectady-Troy, N. Y.....	3.9	33.6	2.7	5.1	20.5	31.1	3.4
New York.....	1.1	14.0	0.2	0.3	1.9	2.1	10.6
New Jersey.....	12.4	105.2	3.9	6.7	26.6	22.6	112.6
Pennsylvania.....	29.3	243.4	19.3	34.0	145.9	89.0	67.7
Philadelphia.....	22.8	198.0	14.3	25.4	114.0	67.4	53.4
East North Central Division.....	17.4	143.4	11.6	23.0	92.0	81.8	24.5
Ohio.....	2.0	14.7	1.3	2.4	9.5	4.9	0.6
Indiana.....	8.1	63.2	5.5	11.6	40.2	40.3	8.1
Illinois.....	7.3	65.5	4.8	9.0	42.3	36.5	15.8
West North Central Division.....	0.1	0.8	(Z)	(Z)	0.2	0.1	0.1
Iowa.....	(Z)	0.2	(Z)	(Z)	0.1	(Z)	(Z)
South Atlantic Division.....	74.1	628.5	48.4	90.0	367.5	195.0	208.3
Maryland.....	20.4	195.9	7.8	13.9	57.9	60.2	95.4
District of Columbia.....	4.9	50.7	1.1	2.0	8.1	12.0	51.4
Virginia.....	22.0	173.2	17.3	32.6	133.1	52.7	28.6
Norfolk-Portsmouth.....	17.5	138.0	14.8	28.0	116.3	46.0	15.4
North Carolina.....	2.6	22.0	2.3	4.8	19.4	5.4	3.5
South Carolina.....	8.1	67.8	6.4	11.5	52.6	18.3	6.5
Georgia.....	7.2	47.9	6.0	10.7	38.7	32.2	4.6
Macon.....	7.2	47.9	6.0	10.7	38.7	32.2	4.6
Florida.....	9.0	70.9	7.5	14.5	57.7	14.1	18.3
East South Central Division.....	15.3	152.2	4.9	9.5	40.6	43.0	48.8
Kentucky.....	4.0	35.1	2.7	5.5	23.6	32.6	25.0
Alabama.....	11.3	117.2	2.2	4.0	17.0	10.5	23.8
West South Central Division.....	34.5	232.5	28.1	49.5	177.1	118.5	15.6
Arkansas.....	1.7	12.6	1.1	2.1	7.2	8.0	2.5
Oklahoma.....	14.8	99.5	12.7	23.0	76.3	78.0	1.4
Texas.....	18.0	120.4	14.3	24.4	93.6	32.5	11.7
Mountain Division.....	16.6	125.9	12.8	23.4	94.8	52.8	13.7
Colorado.....	4.8	32.9	3.4	6.6	23.0	8.1	3.9
Utah.....	10.5	82.9	8.3	14.6	63.7	42.7	9.1
Nevada.....	1.3	10.0	1.1	2.1	8.2	2.1	0.6
Pacific Division.....	86.2	736.1	64.5	118.7	547.7	260.1	235.0
Washington.....	12.0	102.6	9.2	16.7	77.9	53.5	9.3
California.....	68.0	578.1	50.4	93.0	426.9	188.5	222.8
San Bernardino-Riverside-Ontario.....	10.6	81.8	8.1	14.2	63.1	38.6	59.8
San Diego.....	9.1	80.4	7.1	14.0	61.1	16.3	26.2
San Francisco-Oakland.....	31.2	273.1	25.2	47.3	221.0	86.2	31.5
Hawaii.....	6.2	55.5	4.9	8.9	42.9	18.1	2.9

Note: Includes manufacturing facilities, research and development activities, and manufacturing performed in supply depots.

(Z) Under \$50 thousand (or under 50 employees.)

## Defense Facilities: 1967

Item		Value of shipments or receipts for service by type of activity						Value added by manufacture  (million dollars)
		Manufacture and assembly	Construction and conversion	Research and development	Other receipts	Total billings	Total revenue	
		(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	
SIC CODES AND MAJOR ACTIVITY								
All manufacturing facilities, total..		486.2	370.4	989.5	2,460.4	4,323.6	4,340.5	3,390.9
23	Apparel and other textile products.....	15.0	-	0.1	(Z)	15.0	15.0	12.5
281	Industrial chemicals.....	32.3	-	33.0	27.2	92.5	92.5	78.1
289	Miscellaneous chemical products.....	35.9	-	4.7	7.9	48.5	57.0	28.9
353	Construction and related machinery.....	-	-	-	1.2	7.4	7.4	6.3
366	Communication equipment.....	90.6	6.3	98.9	134.1	329.9	330.4	261.2
372	Aircraft and parts.....	27.0	(Z)	57.6	439.2	523.8	538.9	442.8
373	Ship and boat building and repairing....	8.5	359.2	18.0	805.7	1,191.5	1,170.5	880.8
382	Mechanical measuring and control devices	(Z)	-	-	0.2	0.2	0.2	0.2
19	Ordnance and accessories.....	272.5	4.2	369.6	438.3	1,095.5	1,109.5	882.4
192	Ammunition, except for small arms.....	111.3	3.2	295.8	280.1	701.4	713.2	586.9
--	Research and development.....	4.4	0.6	407.7	606.4	1,019.2	1,019.3	797.7
GEOGRAPHIC AREA								
United States, total.....		486.2	370.4	989.5	2,460.4	4,323.6	4,340.5	3,390.9
New England Division.....		11.7	66.3	59.6	155.4	293.1	293.1	240.6
New Hampshire.....		0.7	30.9	1.5	51.6	84.7	88.0	69.8
Massachusetts.....		9.8	35.5	12.7	69.6	127.5	124.2	98.8
Boston.....		4.9	35.5	8.8	62.8	112.0	108.6	84.6
Rhode Island.....		1.2	-	24.5	34.2	59.9	60.0	52.8
Connecticut.....		-	-	20.9	-	20.9	20.9	19.2
Middle Atlantic Division.....		151.1	83.6	254.5	239.8	728.9	721.3	576.4
New York.....		55.1	0.8	30.3	8.2	94.4	94.4	61.2
Albany-Schnectady-Troy, N. Y.....		55.1	0.8	3.6	8.2	67.7	67.7	36.6
New York.....		-	-	26.7	-	26.7	26.7	24.6
New Jersey.....		40.1	1.9	148.1	50.9	241.1	241.4	218.7
Pennsylvania.....		55.9	80.9	76.0	180.6	393.4	385.5	296.4
Philadelphia.....		34.9	77.5	75.7	143.3	331.3	323.4	256.0
East North Central Division.....		122.4	0.2	23.3	92.9	245.0	249.7	167.9
Ohio.....		-	-	-	20.3	20.3	20.3	15.4
Indiana.....		65.6	-	12.5	32.7	110.8	111.7	71.4
Illinois.....		56.8	0.2	10.8	39.9	113.9	117.7	81.1
West North Central Division.....		(Z)	-	0.1	0.8	0.9	0.9	0.8
Iowa.....		(Z)	-	-	0.2	0.2	0.2	0.2
South Atlantic Division.....		72.8	12.1	382.2	567.5	1,034.6	1,041.3	846.3
Maryland.....		53.1	-	227.1	63.2	343.4	351.7	291.5
District of Columbia.....		-	-	105.5	8.5	114.0	114.5	102.5
Virginia.....		12.7	7.6	36.6	199.4	256.3	260.9	208.1
Norfolk-Portsmouth.....		5.2	7.6	2.9	185.2	200.9	205.6	159.6
North Carolina.....		1.0	-	0.2	28.2	29.4	30.9	25.5
South Carolina.....		0.2	4.5	0.5	100.0	105.2	95.8	77.6
Georgia.....		-	-	-	84.7	84.7	84.7	52.6
Macon.....		-	-	-	84.7	84.7	84.7	52.6
Florida.....		5.8	-	12.3	83.5	101.6	102.8	88.6
East South Central Division.....		34.9	0.3	46.8	183.4	265.4	267.7	223.8
Kentucky.....		34.9	0.3	1.7	77.5	114.4	116.7	84.2
Alabama.....		-	-	45.1	105.9	151.0	151.0	139.5
West South Central Division.....		38.7	2.8	0.1	319.6	361.2	366.9	248.4
Arkansas.....		20.2	-	(Z)	3.3	23.5	23.4	15.4
Oklahoma.....		16.2	-	0.1	156.8	173.0	178.8	100.8
Texas.....		2.3	2.8	-	159.5	164.6	164.6	132.1
Mountain Division.....		21.5	0.4	11.2	130.4	163.5	164.2	111.4
Colorado.....		9.0	0.4	-	7.2	16.7	16.7	8.7
Utah.....		4.7	-	11.2	118.9	134.7	134.7	92.1
Nevada.....		7.7	-	-	4.3	12.0	12.7	10.7
Pacific Division.....		33.2	204.6	211.7	770.5	1,231.0	1,234.5	975.4
Washington.....		9.2	76.7	6.9	72.6	165.3	168.7	115.1
California.....		24.1	125.2	204.5	621.9	986.6	988.3	799.8
San Bernardino-Riverside-Ontario.....		3.9	1.3	1.9	162.1	180.2	180.1	141.6
San Diego.....		6.0	-	29.7	89.4	125.1	123.3	107.0
San Francisco-Oakland.....		8.7	107.5	15.6	268.9	400.6	403.2	317.0
Hawaii.....		-	2.8	0.4	76.0	79.1	78.5	60.5

- Represents zero.

(Z) Under \$50 thousand (or under 50 employees).

Source: Form MA-171 "Department of Defense Establishments Primarily Engaged in Manufacturing and Assembly and/or Research and Development Owned and Operated by the Department of Defense."

Table 1B. Department of

Item	All employees (wage board and graded)		Production workers (wage board)			Costs	
	Number	Payroll	Number	Man-hours	Wages	Materials, supplies, and parts used	Contractual services and other costs
	(1,000)	(million dollars)	(1,000)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
SIC CODES AND MAJOR ACTIVITY							
All manufacturing facilities, total..	230.6	1,691.7	155.3	284.1	1,096.8	588.0	315.0
23 Apparel and other textile products.....	1.8	8.3	1.7	2.8	7.5	1.4	0.7
281 Industrial chemicals.....	5.8	40.4	2.4	4.0	14.4	21.6	20.0
289 Miscellaneous chemical products.....	2.7	18.5	1.8	3.3	12.2	27.4	3.3
253 Construction and related machinery.....	0.3	1.9	0.3	0.5	1.6	0.2	0.2
366 Communication equipment.....	10.7	82.4	4.5	9.7	28.0	31.2	27.8
372 Aircraft and parts.....	34.5	246.9	28.6	53.2	202.6	46.4	45.8
373 Ship and boat building and repairing....	94.7	691.6	76.3	138.6	560.6	253.4	45.3
382 Mechanical measuring and control devices	(Z)	0.2	(Z)	(Z)	(Z)	(Z)	(Z)
19 Ordnance and accessories.....	66.2	495.7	35.6	64.6	243.6	174.5	121.3
192 Ammunition, except for small arms.....	36.7	282.8	17.5	32.4	119.7	94.3	68.5
-- Research and development.....	14.0	105.8	4.2	7.3	26.1	32.0	50.5
GEOGRAPHIC AREA							
United States, total.....	230.6	1,691.7	155.3	284.1	1,096.8	588.0	315.0
New England Division.....	26.6	184.6	20.2	36.7	137.5	65.3	39.0
New Hampshire.....	8.8	61.4	7.0	12.6	48.4	21.1	5.5
Massachusetts.....	13.7	94.7	10.5	19.0	71.1	34.8	26.1
Rhode Island.....	3.2	21.9	2.5	4.7	16.4	5.6	7.4
Connecticut.....	0.8	6.7	0.2	0.4	1.6	3.8	-
Middle Atlantic Division.....	49.2	353.9	32.1	57.9	219.2	124.3	58.7
New York.....	16.2	115.7	12.3	22.2	90.2	49.7	7.2
New Jersey.....	7.1	56.7	2.9	5.2	18.0	16.9	19.4
Pennsylvania.....	25.9	181.4	16.8	30.5	111.0	57.7	32.1
East North Central Division.....	13.6	100.0	9.2	17.3	67.5	51.1	10.7
Indiana.....	5.5	41.6	3.5	6.8	26.4	15.0	3.8
Illinois.....	8.1	58.4	5.7	10.5	41.1	36.1	6.8
West North Central Division.....	(Z)	0.2	(Z)	(Z)	(Z)	(Z)	(Z)
Iowa.....	(Z)	0.2	(Z)	(Z)	(Z)	(Z)	(Z)
South Atlantic Division.....	59.7	439.2	38.0	69.2	263.6	133.1	104.7
Maryland.....	18.7	142.5	7.4	13.2	49.5	52.5	46.8
District of Columbia.....	4.8	41.0	1.2	2.1	7.9	10.8	30.0
Virginia.....	19.1	137.6	15.3	28.1	109.6	39.5	15.1
North Carolina.....	1.7	12.1	1.5	2.8	10.6	2.2	2.3
South Carolina.....	7.2	49.1	5.6	10.1	38.7	15.0	4.0
Georgia.....	0.9	5.6	0.7	1.3	3.9	3.5	0.3
Florida.....	7.3	51.3	6.2	11.6	43.5	9.6	6.3
East South Central Division.....	11.0	92.7	3.6	6.5	26.5	19.8	16.5
Kentucky.....	2.6	19.8	1.9	3.4	14.8	10.0	1.8
Alabama.....	8.4	73.0	1.7	3.1	11.7	9.9	14.8
West South Central Division.....	3.8	21.6	3.0	5.3	16.1	13.2	3.2
Arkansas.....	1.3	8.0	0.8	1.4	4.3	5.9	2.2
Oklahoma.....	1.0	5.5	0.8	1.4	4.1	0.5	1.0
Texas.....	1.5	8.1	1.4	2.5	7.7	6.8	-
Mountain Division.....	3.9	26.7	2.1	3.9	14.3	20.5	20.0
Colorado.....	0.8	6.0	0.6	1.1	4.0	14.5	7.1
New Mexico.....	0.4	4.0	(Z)	(Z)	0.2	0.7	7.7
Utah.....	2.6	16.7	1.5	2.7	10.1	5.3	5.3
Pacific Division.....	62.8	472.8	47.2	87.3	352.0	160.7	62.2
Washington.....	10.1	72.9	7.9	14.4	55.4	34.2	6.1
California.....	47.9	363.0	35.4	65.8	267.5	113.7	53.9
Hawaii.....	4.8	36.9	3.9	7.0	29.1	12.8	2.2

- Represents zero.

(Z) Under \$50 thousand (or under 50 employees).



## Defense Facilities: 1963

Item		Value of shipments or receipts for service by type of activity						Value added by manufacture  (million dollars)
		Manufacture and assembly  (million dollars)	Construction and conversion  (million dollars)	Research and development  (million dollars)	Other receipts  (million dollars)	Total billings  (million dollars)	Total revenues  (million dollars)	
SIC CODES AND MAJOR ACTIVITY								
All manufacturing facilities, total..		433.1	597.3	634.2	877.2	2,541.8	2,641.2	2,053.3
23	Apparel and other textile products.....	10.9	-	-	0.1	11.0	10.6	9.2
281	Industrial chemicals.....	35.0	-	26.9	21.0	82.9	80.8	59.3
289	Miscellaneous chemical products.....	37.6	-	4.3	6.4	48.2	49.8	22.5
353	Construction and related machinery.....	-	-	-	2.2	2.2	2.2	2.1
366	Communication equipment.....	40.6	0.6	78.1	34.1	153.4	142.9	111.7
372	Aircraft and parts.....	13.0	64.5	62.9	185.5	326.0	342.3	295.9
373	Ship and boat building and repairing....	7.3	525.5	18.0	352.9	903.7	1,021.8	768.5
382	Mechanical measuring and control devices	0.1	-	-	0.1	0.2	0.2	0.2
19	Ordnance and accessories.....	288.7	6.7	260.5	264.6	820.5	798.0	623.5
192	Ammunition, except for small arms.....	94.1	4.0	184.9	164.1	447.2	447.1	352.8
--	Research and development.....	-	-	183.4	10.2	193.6	192.4	160.5
GEOGRAPHIC AREA								
United States, total.....		433.1	597.3	634.2	877.2	2,541.8	2,641.2	2,053.3
New England Division.....		68.7	128.9	37.8	49.1	284.5	292.6	227.3
New Hampshire.....		0.6	70.9	1.0	7.2	79.7	90.5	69.4
Massachusetts.....		67.0	39.8	13.7	40.4	160.9	155.5	120.6
Rhode Island.....		1.0	18.3	11.6	1.5	32.3	35.0	29.5
Connecticut.....		-	-	11.6	-	11.6	11.6	7.8
Middle Atlantic Division.....		119.2	153.1	144.2	144.1	560.6	547.2	422.9
New York.....		27.4	90.4	19.2	41.4	178.4	179.8	130.1
New Jersey.....		33.7	0.6	42.9	26.4	103.6	93.2	76.2
Pennsylvania.....		58.1	62.1	82.1	76.3	278.6	274.3	216.6
East North Central Division.....		103.4	1.2	11.4	45.3	161.3	164.7	113.6
Indiana.....		30.7	-	8.1	18.8	57.7	61.3	46.3
Illinois.....		72.6	1.2	3.3	26.4	103.6	103.4	67.3
West North Central Division.....		0.1	-	-	0.1	0.2	0.2	0.2
Iowa.....		0.1	-	-	0.1	0.2	0.2	0.2
South Atlantic Division.....		69.6	28.1	261.6	289.8	649.2	688.4	555.3
Maryland.....		51.4	-	151.2	44.2	246.8	244.2	191.6
District of Columbia.....		-	-	80.6	2.8	83.5	81.9	71.1
Virginia.....		6.8	12.8	21.5	121.5	162.6	195.3	155.8
North Carolina.....		0.4	-	0.4	15.2	16.0	17.1	14.9
South Carolina.....		0.2	15.3	2.0	48.1	65.6	70.6	55.7
Georgia.....		7.2	-	0.3	0.4	7.9	9.2	5.7
Florida.....		3.5	-	5.7	57.6	66.8	70.1	60.5
East South Central Division.....		19.0	-	36.1	82.6	137.7	129.6	109.8
Kentucky.....		19.0	-	0.6	11.5	31.1	31.6	21.6
Alabama.....		-	-	35.5	71.2	106.6	98.1	88.2
West South Central Division.....		19.2	4.0	0.1	16.2	39.5	38.2	25.1
Arkansas.....		14.8	-	0.1	2.8	17.6	16.4	10.5
Oklahoma.....		2.6	-	(Z)	4.3	7.0	7.0	6.5
Texas.....		1.8	4.0	-	9.2	14.9	14.9	8.1
Mountain Division.....		22.5	-	22.6	23.3	68.4	67.4	46.9
Colorado.....		20.1	-	-	9.9	30.0	27.7	13.2
New Mexico.....		-	-	12.3	-	12.3	12.3	11.7
Utah.....		2.4	-	10.3	13.4	26.1	27.3	22.1
Pacific Division.....		11.5	282.0	120.4	226.6	640.4	712.9	552.2
Washington.....		2.9	77.3	2.5	21.9	104.6	117.0	82.9
California.....		8.5	200.0	117.8	168.4	494.8	543.0	429.3
Hawaii.....		(Z)	4.7	-	36.3	41.0	52.8	40.0

- Represents zero.

(Z) Under \$50 thousand (or under 50 employees).

Table 2. Federal, District of Columbia, and State Prison Shipments  
by Commodity Group: 1967 and 1963

Commodity group <sup>1</sup>	Unit of measure	Total shipments, including interplant transfers			
		1967		1963	
		Quantity	Value (million dollars)	Quantity	Value (million dollars)
Total.....		(X)	140.5	(X)	112.7
Meat products.....		(X)	6.6	(X)	5.7
Canned foods.....		(X)	4.0	(X)	4.7
Prepared animal feeds.....		(X)	2.1	(X)	2.6
Coffee and tea.....		(X)	1.0	(X)	0.8
Chewing and smoking tobacco.....		(X)	1.0	(X)	1.3
Blankets.....		(X)	2.6	(X)	2.3
Woven fabrics.....	Million linear yards	20.6	10.7	13.3	8.5
Cordage and twine.....	Million lbs.....	(NA)	2.0	13.8	1.9
Apparel and related products.....		(X)	12.8	(X)	15.0
Sheets and pillowcases.....		(X)	1.1	(X)	1.8
Canvas specialties.....		(X)	8.1	(X)	3.7
Mattresses.....		(X)	3.5	(X)	2.7
Wooden furniture.....		(X)	9.2	(X)	7.2
Printing and binding.....		(X)	4.5	(X)	3.3
Soaps.....		(X)	3.1	(X)	2.4
Paints.....		(X)	5.0	(X)	3.3
Shoes.....	Million prs.....	1.1	8.2	1.1	6.3
Clay and concrete brick.....	Millions.....	9.8	0.2	15.9	0.2
Concrete block.....		(X)	0.1	(X)	0.4
Motor vehicle license plates.....	Millions.....	97.6	15.7	97.8	11.5
Miscellaneous metal products.....		(X)	16.5	(X)	10.2
Brooms and brushes.....		(X)	4.2	(X)	4.9
Highway and road signs.....	Millions.....	(X)	7.4	1.7	6.9
Miscellaneous products.....		(X)	11.0	(X)	5.3

Note: Excludes agricultural products, road building, and other nonmanufacturing activities.

Detail may not add to the total due to independent rounding.

(NA) Not available. (X) Not applicable.

<sup>1</sup>The commodity groups listed are classified within the Standard Industrial Classification System as follows:

SIC code	Commodity group	SIC code	Commodity group	SIC code	Commodity group
201	Meat products	230	Apparel and related products	314	Shoes
203	Canned foods	239	Sheets and pillowcases	325	Clay and concrete brick
204	Prepared animal feeds	239	Canvas specialties	327	Concrete block
209	Coffee and tea	251	Mattresses	346	Motor vehicle license plates
213	Chewing and smoking tobacco	253	Wooden furniture	349	Miscellaneous metal products
221	Blankets	275	Printing and binding	398	Brooms and brushes
223	Woven fabrics	284	Soaps	399	Highway and road signs
229	Cordage and twine	285	Paints	900	Miscellaneous products

Source: Governments Division, Bureau of the Census

Table 3. Federal, District of Columbia, and State Prison Shipments, by Geographic Areas: 1967

(Million dollars)

Geographic area	Total	Meat products	Canned foods	Prepared animal feeds	Coffee and tea	Chewing and smoking tobacco	Blankets	Woven fabrics
Federal and State, total....	140.5	6.6	4.1	2.1	1.0	1.0	2.6	10.7
Federal penitentiaries....	44.0	-	-	-	-	-	2.4	6.9
State penitentiaries.....	96.5	6.6	4.1	2.1	1.0	1.0	0.3	3.8
New England Division.....	2.9	-	-	-	-	0.1	-	-
Maine.....	0.3	-	-	-	-	-	-	-
New Hampshire.....	0.3	-	-	-	-	-	-	-
Vermont.....	0.4	-	-	-	-	-	-	-
Massachusetts.....	1.2	-	-	-	-	0.1	-	-
Rhode Island.....	0.3	-	-	-	-	-	-	-
Connecticut.....	0.4	-	-	-	-	-	-	-
Middle Atlantic Division.....	15.3	0.4	0.5	0.8	0.9	0.2	0.1	0.9
New York.....	6.2	-	-	-	0.2	0.2	(Z)	0.5
New Jersey.....	2.3	-	0.1	0.4	-	-	(Z)	0.1
Pennsylvania.....	6.8	0.4	0.4	0.4	0.8	-	-	0.4
East North Central Division.....	16.7	0.6	0.6	-	-	0.5	0.1	1.2
Ohio.....	2.3	-	0.2	-	-	0.1	(Z)	0.1
Indiana.....	2.5	0.1	0.1	-	-	0.1	-	-
Illinois.....	5.5	0.5	0.1	-	-	0.2	(Z)	0.6
Michigan.....	3.2	-	-	-	-	(Z)	0.1	0.4
Wisconsin.....	3.2	-	0.2	-	-	-	-	0.2
West North Central Division.....	8.4	0.3	0.2	-	-	(Z)	-	0.1
Minnesota.....	2.9	-	-	-	-	-	-	-
Iowa.....	0.7	-	-	-	-	-	-	0.1
Missouri.....	2.0	0.2	0.1	-	-	(Z)	-	-
North Dakota.....	0.5	(Z)	-	-	-	-	-	-
South Dakota.....	0.3	-	-	-	-	-	-	-
Nebraska.....	0.7	-	0.1	-	-	(Z)	-	-
Kansas.....	1.3	-	-	-	-	-	-	-
South Atlantic Division.....	19.9	2.2	0.9	0.7	-	0.1	(Z)	0.1
Delaware.....	(Z)	-	-	-	-	-	-	-
Maryland.....	3.9	-	0.4	0.3	-	-	-	-
District of Columbia.....	0.7	-	-	-	-	-	(Z)	-
Virginia.....	3.1	-	(Z)	0.2	-	-	(Z)	0.1
West Virginia.....	0.8	-	-	-	-	(Z)	-	-
North Carolina.....	7.0	1.5	0.3	-	-	-	-	-
South Carolina.....	1.4	-	(Z)	-	-	-	-	-
Georgia.....	0.6	-	(Z)	-	-	-	-	-
Florida.....	2.4	0.7	0.2	0.1	-	(Z)	-	-
East South Central Division.....	5.5	0.1	(Z)	0.3	-	-	(Z)	0.1
Kentucky.....	1.1	-	-	0.3	-	-	-	-
Tennessee.....	3.1	-	-	-	-	-	-	-
Alabama.....	1.1	0.1	(Z)	(Z)	-	-	(Z)	0.1
Mississippi.....	0.1	-	-	-	-	-	-	-
West South Central Division.....	10.1	1.7	0.4	0.2	0.1	-	-	0.4
Arkansas.....	(Z)	(Z)	-	-	-	-	-	-
Louisiana.....	2.3	0.3	0.1	0.1	-	-	-	-
Oklahoma.....	1.2	0.1	0.1	0.1	-	-	-	-
Texas.....	6.6	1.3	0.2	-	0.1	-	-	0.4
Mountain Division.....	4.6	1.0	0.5	0.1	-	-	-	(Z)
Montana.....	0.4	0.2	-	-	-	-	-	-
Idaho.....	-	-	-	-	-	-	-	-
Wyoming.....	0.1	-	-	-	-	-	-	-
Colorado.....	2.2	0.5	0.3	0.1	-	-	-	-
New Mexico.....	0.3	0.1	(Z)	-	-	-	-	-
Arizona.....	0.8	-	(Z)	-	-	-	-	(Z)
Utah.....	0.7	0.2	0.1	-	-	-	-	-
Nevada.....	0.1	(Z)	-	-	-	-	-	-
Pacific Division.....	13.1	0.3	1.0	-	-	0.2	-	1.0
Washington.....	1.8	(Z)	0.2	-	-	-	-	-
Oregon.....	0.6	-	-	-	-	-	-	-
California.....	10.6	0.2	0.8	-	-	0.2	-	1.0
Alaska.....	(Z)	-	-	-	-	-	-	-
Hawaii.....	0.1	-	-	-	-	-	-	-

Note: Detail may not add to the totals due to independent rounding.  
 - Represents zero. (Z) Less \$50 thousand.



Table 3. Federal, District of Columbia, and State Prison Shipments, by Geographic Areas: 1967-Continued

Geographic area	(Million dollars)								
	Cordage and twine	Apparel and related products	Sheets and pillowcases	Canvas specialties	Mattresses	Wood furniture	Printing and binding	Soaps	Paints
Federal and State, total....	2.0	12.8	1.1	8.1	3.5	9.2	4.5	3.1	5.0
Federal penitentiaries....	-	-	-	8.0	1.8	2.4	0.9	-	-
State penitentiaries.....	2.0	12.8	1.1	0.1	1.7	6.8	3.5	3.1	5.0
New England Division.....	-	0.2	0.1	-	0.2	0.2	0.4	(Z)	-
Maine.....	-	-	-	-	0.1	(Z)	-	-	-
New Hampshire.....	-	-	-	-	-	(Z)	0.1	-	-
Vermont.....	-	-	-	-	-	(Z)	(Z)	-	-
Massachusetts.....	-	0.2	0.1	-	0.1	0.2	0.1	-	-
Rhode Island.....	-	(Z)	-	-	-	-	0.1	(Z)	-
Connecticut.....	-	0.1	-	-	-	(Z)	(Z)	-	-
Middle Atlantic Division.....	-	3.1	0.3	(Z)	0.4	0.5	0.7	0.6	-
New York.....	-	1.3	0.1	-	(Z)	(Z)	0.2	0.4	-
New Jersey.....	-	0.5	-	(Z)	0.1	0.1	0.2	0.1	-
Pennsylvania.....	-	1.4	0.2	(Z)	0.2	0.3	0.4	(Z)	-
East North Central Division.....	0.1	2.5	0.2	(Z)	0.2	1.2	0.3	0.6	0.2
Ohio.....	0.1	0.3	(Z)	(Z)	0.1	0.3	0.2	0.1	-
Indiana.....	-	0.2	-	-	(Z)	0.3	(Z)	(Z)	0.1
Illinois.....	-	1.4	(Z)	-	0.1	0.2	0.1	0.5	-
Michigan.....	-	0.5	0.2	-	0.1	0.2	-	0.1	-
Wisconsin.....	-	0.1	-	-	-	0.1	0.1	-	0.1
West North Central Division.....	1.9	0.6	0.1	-	0.1	0.7	0.2	0.4	0.7
Minnesota.....	1.6	-	-	-	-	-	(Z)	-	-
Iowa.....	-	0.1	0.1	-	(Z)	0.4	(Z)	-	-
Missouri.....	-	0.3	-	-	-	0.2	(Z)	0.2	-
North Dakota.....	0.3	(Z)	-	-	-	-	(Z)	-	-
South Dakota.....	-	-	-	-	-	-	-	-	-
Nebraska.....	-	0.1	-	-	(Z)	0.1	0.1	0.1	-
Kansas.....	-	0.1	(Z)	-	(Z)	(Z)	-	0.1	0.7
South Atlantic Division.....	-	3.0	(Z)	(Z)	0.1	1.1	1.0	0.4	3.3
Delaware.....	-	(Z)	(Z)	-	(Z)	-	(Z)	-	-
Maryland.....	-	0.7	-	-	0.1	0.6	0.1	0.1	0.5
District of Columbia.....	-	0.2	-	(Z)	-	-	0.3	-	-
Virginia.....	-	0.6	(Z)	-	-	0.4	0.2	-	-
West Virginia.....	-	0.1	(Z)	-	(Z)	-	-	(Z)	0.3
North Carolina.....	-	0.3	-	-	(Z)	0.1	0.3	0.2	2.5
South Carolina.....	-	0.1	-	-	(Z)	-	0.1	-	-
Georgia.....	-	0.2	-	-	(Z)	-	(Z)	0.1	-
Florida.....	-	0.8	-	-	-	-	-	-	-
East South Central Division.....	-	0.5	0.1	-	(Z)	1.0	0.1	0.2	0.8
Kentucky.....	-	0.2	-	-	-	(Z)	-	0.1	-
Tennessee.....	-	0.2	(Z)	-	-	1.0	-	0.2	0.8
Alabama.....	-	0.1	(Z)	-	(Z)	(Z)	(Z)	-	-
Mississippi.....	-	-	-	-	-	-	0.1	-	-
West South Central Division.....	(Z)	0.7	0.1	(Z)	0.3	0.1	0.7	0.4	(Z)
Arkansas.....	-	-	-	-	-	-	-	-	-
Louisiana.....	-	0.1	(Z)	-	(Z)	-	-	0.7	-
Oklahoma.....	-	0.1	(Z)	-	(Z)	0.1	0.1	(Z)	(Z)
Texas.....	(Z)	0.5	0.1	(Z)	0.3	-	0.6	0.3	-
Mountain Division.....	-	0.3	(Z)	0.1	(Z)	-	(Z)	(Z)	-
Montana.....	-	(Z)	(Z)	0.1	(Z)	-	(Z)	-	-
Idaho.....	-	-	-	-	-	-	-	-	-
Wyoming.....	-	-	-	-	-	-	-	-	-
Colorado.....	-	0.1	-	-	-	-	-	(Z)	-
New Mexico.....	-	(Z)	(Z)	-	-	-	-	-	-
Arizona.....	-	0.1	(Z)	-	(Z)	-	-	-	-
Utah.....	-	(Z)	(Z)	-	(Z)	-	(Z)	-	-
Nevada.....	-	-	(Z)	-	-	-	-	-	-
Pacific Division.....	-	2.0	0.3	-	0.3	2.1	0.1	0.4	-
Washington.....	-	0.2	-	-	(Z)	0.2	(Z)	-	-
Oregon.....	-	0.1	-	-	0.1	0.3	-	-	-
California.....	-	1.7	0.3	-	0.2	1.5	-	0.4	-
Alaska.....	-	-	-	-	(Z)	(Z)	-	-	-
Hawaii.....	-	(Z)	(Z)	-	-	0.1	(Z)	-	-

Note: Detail may not add to the totals due to independent rounding.

- Represents zero. (Z) Less \$50 thousand.

Table 3. Federal, District of Columbia, and State Prison Shipments, by Geographic Areas: 1967—Continued

(Million dollars)								
Geographic area	Shoes	Clay and concrete brick	Concrete block	Motor vehicle license plates	Miscellaneous metal products	Brooms and brushes	Highway and road signs	Other products
Federal and State, total....	8.2	0.2	0.1	15.7	16.5	4.2	7.4	11.0
Federal penitentiaries....	5.8	-	-	-	10.8	3.5	0.4	1.2
State penitentiaries.....	2.4	0.2	0.1	15.7	5.7	0.7	6.9	9.8
New England Division.....	-	-	-	0.5	0.1	0.1	0.5	0.4
Maine.....	-	-	-	0.1	-	-	-	-
New Hampshire.....	-	-	-	0.1	-	-	-	0.1
Vermont.....	-	-	-	0.1	-	(Z)	0.1	0.1
Massachusetts.....	0.1	-	-	0.1	0.1	0.1	0.1	0.3
Rhode Island.....	-	-	-	0.1	(Z)	(Z)	0.1	(Z)
Connecticut.....	-	-	-	-	-	-	0.3	(Z)
Middle Atlantic Division.....	0.6	-	-	1.6	1.8	0.1	0.9	0.8
New York.....	0.2	-	-	1.1	1.0	0.1	0.7	0.2
New Jersey.....	0.1	-	-	0.3	(Z)	(Z)	0.1	0.2
Pennsylvania.....	0.3	-	-	0.2	0.8	-	0.2	0.5
East North Central Division....	0.5	0.1	(Z)	3.0	1.8	0.1	1.5	1.4
Ohio.....	0.2	-	-	(Z)	0.1	(Z)	0.1	0.4
Indiana.....	0.1	0.1	-	1.0	0.3	(Z)	0.1	0.2
Illinois.....	0.2	-	(Z)	-	0.4	0.1	1.0	(Z)
Michigan.....	0.1	-	-	1.2	0.2	(Z)	(Z)	0.2
Wisconsin.....	-	-	-	0.8	0.8	-	0.3	0.5
West North Central Division....	0.2	-	(Z)	0.9	0.2	(Z)	0.4	1.5
Minnesota.....	-	-	-	-	-	-	-	1.3
Iowa.....	(Z)	-	-	-	-	-	-	-
Missouri.....	0.1	-	(Z)	0.3	0.1	-	0.2	0.2
North Dakota.....	-	-	-	0.1	-	-	0.1	-
South Dakota.....	-	-	-	0.2	-	-	(Z)	0.1
Nebraska.....	-	-	-	0.1	0.1	(Z)	(Z)	-
Kansas.....	-	-	-	0.3	(Z)	-	0.1	-
South Atlantic Division.....	0.3	(Z)	(Z)	2.7	0.5	0.2	2.4	0.8
Delaware.....	-	-	-	-	-	(Z)	-	-
Maryland.....	0.2	-	-	0.3	0.3	0.1	0.1	0.1
District of Columbia.....	-	-	-	0.1	(Z)	-	(Z)	0.2
Virginia.....	0.1	-	-	0.6	-	0.1	0.4	0.3
West Virginia.....	-	-	-	0.2	-	-	0.1	(Z)
North Carolina.....	-	-	-	0.4	0.1	-	1.2	0.1
South Carolina.....	-	-	-	0.3	0.1	-	0.6	0.1
Georgia.....	-	-	-	0.4	(Z)	-	-	-
Florida.....	-	(Z)	(Z)	0.4	-	-	-	-
East South Central Division....	0.1	-	-	1.0	0.7	-	0.4	(Z)
Kentucky.....	-	-	-	0.2	(Z)	-	0.3	-
Tennessee.....	0.1	-	-	0.1	0.6	-	0.1	-
Alabama.....	-	-	-	0.7	-	-	-	(Z)
Mississippi.....	-	-	-	-	-	-	-	-
West South Central Division....	0.2	0.1	(Z)	3.3	(Z)	0.2	(Z)	1.1
Arkansas.....	-	-	-	-	-	-	-	-
Louisiana.....	-	-	(Z)	0.8	(Z)	(Z)	(Z)	0.9
Oklahoma.....	-	(Z)	-	0.5	(Z)	(Z)	(Z)	(Z)
Texas.....	0.2	0.1	-	2.0	-	0.2	-	0.2
Mountain Division.....	-	-	(Z)	1.6	0.1	(Z)	0.4	0.6
Montana.....	-	-	(Z)	0.2	-	-	-	-
Idaho.....	-	-	-	-	-	-	-	-
Wyoming.....	-	-	-	0.1	-	-	(Z)	-
Colorado.....	-	-	-	0.5	(Z)	-	0.2	0.4
New Mexico.....	-	-	(Z)	0.1	-	-	0.1	0.1
Arizona.....	-	-	-	0.5	(Z)	(Z)	0.1	-
Utah.....	-	-	-	0.2	-	-	0.1	0.1
Nevada.....	-	-	-	(Z)	-	-	(Z)	0.1
Pacific Division.....	0.4	-	-	1.0	0.6	-	0.4	3.2
Washington.....	-	-	-	0.2	(Z)	-	0.3	0.4
Oregon.....	-	-	-	-	0.1	-	-	-
California.....	0.4	-	-	0.8	0.4	-	0.1	2.7
Alaska.....	-	-	-	-	-	-	-	-
Hawaii.....	-	-	-	-	-	-	-	(Z)

Note: Detail may not add to the totals due to independent rounding.

- Represents zero. (Z) Less \$50 thousand.





# Appendix A

## EXPLANATION OF TERMS

**Employment and Payrolls.**—The census of manufactures provides information on employment and payrolls at operating establishments and central administrative offices and auxiliaries. On the standard forms for manufacturing establishments, the number of production workers by quarter and all other employees during the pay period including March 12 was requested. Form NC-X6, "Central Administrative Offices and Auxiliaries" called for employment as of March 12 only. Both forms called for salaries and wages paid for the year.

**All Employees.**—This category comprises all full-time and part-time employees who worked or received pay for any part of the pay periods including the 12th of the months specified on the report forms. Included are all persons on paid sick leave, paid holidays, and paid vacations during these pay periods. Excluded are members of the Armed Forces and pensioners carried on the active rolls but not working during the period. Officers of corporations are included as employees; proprietors and partners of unincorporated firms, however, are excluded.

In special cases, respondents were instructed to exclude agricultural or fishery employment and related data from their reports. These were sugar mills operated as part of plantations, canning or freezing plants operated in conjunction with farms, and fish processing plants engaged in fishing.

**Production and Related Workers.**—This category comprises workers (up through the working foreman level) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping (but not delivering), maintenance, repair, janitorial, watchman services, product development, auxiliary production for plant's own use (for example, power plant), recordkeeping, and other services closely associated with these production operations at the establishment covered by the report. Supervisory employees above the working foreman level were excluded from this category.

**All Other Employees.**—These are defined as nonproduction personnel, including employees engaged in the following activities: Factory supervision above the working foreman level, sales (including driver-salesmen), sales delivery (highway truck drivers and their helpers), advertising, credit, collection, installation and servicing of own products, clerical and routine office functions, executive, purchasing, financing, legal, personnel (including cafeteria, medical, etc.), professional, and technical. Also included are employees on the payroll engaged in the construction of major additions or alterations to the plant and utilized as a separate work force.

**Average Employment.**—The number of production workers as shown in the census tabulations is an average of the four quarterly figures reported by manufacturing plants. The "all employees" figure is the sum of this average and the reported number of other employees as of March 12.

**Payrolls.**—This category includes the gross annual earnings of employees on the payroll. Respondents were told they could follow the definition of payrolls used for calculating the Federal withholding tax. This definition includes all forms of compensation such as salaries, wages, commissions, dismissal pay, bonuses, vacation and sick leave pay, and compensation in kind, prior to such deductions as employees' Social Security contributions, withholding taxes, group insurance, union dues, and saving bonds. The total includes salaries of officers of these establishments, if a corporation; it excludes payments to the proprietor or partners, if an unincorporated concern. Also excluded are payments to members of Armed Forces and pensioners carried on the active payroll.

The 1967 census definition of payrolls is identical to that recommended to all Federal statistical agencies by the Bureau of the Budget. This definition does not include supplementary labor costs such as employer's Social Security contributions and other legally required expenditures, or payments for voluntary programs. Data on such supplementary labor costs were collected in the ASM and are scheduled for publication in the ASM reports, but are not included in the census volumes.

**Man-Hours.**—This total consists of all plant man-hours of production and related workers as defined above. It represents all man-hours at the plant including actual overtime hours, not straight-time equivalent hours. It excludes hours paid for vacations, holidays, or sick leave, when the employee was not actually at the plant. Where employees elected to work during the vacation period, the actual hours worked by such employees were reported.

**Cost of Materials, etc., Consumed.**—A summary inquiry on form MA-100 and the other manufacturing establishment report forms requested information on the cost of materials, supplies, semifinished goods, fuels, and electric energy actually consumed or put into production during the year and the cost of products purchased for resale, whether purchased, withdrawn from inventories, or received from other establishments of the company. Included also are the costs of materials supplied by the establishment which were processed elsewhere on contract for the establishment. "Cost" was defined as the direct charges actually paid or payable for items consumed or put into production during the year, after discounts, and including freight charges and other direct charges incurred by the establishment in acquiring the materials.

To arrive at the industry total "cost of materials, etc."<sup>1</sup> separate figures were obtained for (a) the total delivered cost of all raw materials, semifinished goods, parts, components, containers, scrap, and supplies consumed or put into production, (b) the amount paid for

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<sup>1</sup>In some tables this category is designated simply as "cost of materials."



electric energy purchased; (c) the amount paid for all fuels consumed for heat, power, or the generation of electricity; (d) the cost of work done by others on materials or parts furnished by the reporting establishment (contract work); and (e) the cost of products bought and resold in the same condition.

It should be noted that the cost of fuel consumed under "(c)" above does not include fuel used as a material in the manufacturing process; for example, coal used in the production of coke. Such costs are included with other materials cost in category "(a)" above.

The total excludes the cost of services used, such as advertising, insurance, telephone, etc., and developmental, research, and consulting services of other establishments. It also excludes overhead costs, such as depreciation charges, rent, interest, royalties, etc., and materials, machinery, and equipment used in plant expansion or capitalized repairs which are chargeable to fixed assets accounts.

For materials received from other plants of the same company or from a central materials depot (whether at the same or different physical location), respondents were asked to value the items at their full economic value as produced, plus freight and other direct handling charges. The respondents were asked to check, where possible, that the cost equaled the value of shipments reported for the items by the company's plant which produced and transferred the goods, plus freight and other direct charges.

**Value of Shipments.**—Except in a few industries, the respondents were instructed to report net selling values, f.o.b. plant, after discounts and allowances and excluding freight charges and excise taxes. For a few industries, specifically noted in the text of the industry chapters, Volume II, delivered prices were requested if delivery by employees of the establishment was a routine practice, as in the milk and bakery industries.

For most industries, value of shipments is readily available from accounting records and is closely related to the value of production. In a small group of industries, however, value of production or of work done was requested. This instruction was of particular importance in the aircraft and shipbuilding industries, where the shipments or deliveries of complete units may be a poor approximation of the work actually done during a given year.

Manufacturers were asked to include as products shipped, not only the products made in the establishment but also those made elsewhere under contract from the materials owned by the establishment. Included were all products sold, transferred to other parts of the same company, or shipped on consignment. The duplication in value of shipments and cost of materials arising because of the shipment of semifinished products among manufacturing plants is discussed in Part III of the Introduction, which also includes comments on the valuation of intra-company shipments by multiunit firms.

**Miscellaneous Receipts.**—In addition, manufacturers reported receipts for contract work performed for others, resales (that is, the value of all products resold without further processing), receipts for miscellaneous activities

such as sale of scrap and refuse, and the value of installation and repair work performed by the plant employees. Although the value of products bought and resold without further processing is included in the value of shipments totals for each industry, it is excluded from the figures for individual products or classes of products.

**Value Added by Manufacture.**—This figure is derived by subtracting the total cost of materials (including materials, supplies, fuel, electric energy, cost of resales and contract work done by others) from the value of shipments including resales, and other receipts and adjusting the resulting amount by the net change in finished products and work-in-process inventories between the beginning and end of the year.<sup>2</sup>

Value added avoids the duplication in the value of shipments figure which results from the inclusion of the shipments of establishments producing materials and components along with the shipments of establishments producing finished products. It is considered to be the best value measure available for comparing the relative economic importance of manufacturing among industries and geographic areas.

**Inventories.**—The value of beginning-of-year and end-of-year inventories held by each manufacturing establishment was obtained in the 1967 census. Separate inventory figures were requested for (1) finished products; (2) work in process; and (3) materials, supplies, fuel, and other inventories.

Respondents were asked to report their inventories at approximate current costs if feasible; otherwise, at book value. Since different methods of inventory valuation are used (LIFO, FIFO, etc.), the value of inventories aggregated for all establishments in an industry is not precisely defined. The importance of reporting inventories on a comparable basis was emphasized in the instructions; thus the year-to-year change in inventories indicated by the census figures is of more significance than their level.

In using inventory data by stage of fabrication for all industries and at the 2-digit industry level, it should be noted that an item treated as a finished product by one establishment may be reported as a material by another establishment. For example, the finished product inventories of a steel mill would be reported as materials by a stamping plant. Such differences are present in the inventory figures by stage of fabrication for individual industries, industry groups, and all manufacturing, since these figures are merely aggregates of the figures reported by establishments.

Multiunit companies were instructed to include the inventories held by each establishment in that establishment's report. The inventory data tabulated on a geographic basis are believed, therefore, to reflect the actual physical holdings in each area, to the extent that the inventories were owned by the reporting companies. It is

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<sup>2</sup>For a few industries (for example, aircraft, shipbuilding) where value of work done is substituted for value of shipments, no adjustment is made for change in inventories. In a few other industries where value of production is collected, the inventory adjustment is made only on the basis of change in work-in-process inventories.

not clear where goods owned by one company and stored by another were reported.

Special instructions on inventories were issued for two industries in the food group. Meatpacking establishments were told to report work in process separately only if separate records were maintained, otherwise to combine work in process with finished products. Distillers were instructed to include stocks of liquors held for aging as finished products, not as work in process.

**Capital Expenditures.**—Under this heading, manufacturers were instructed to report expenditures of the type chargeable to fixed assets accounts, for which depreciation reserves are normally maintained. Actual capital outlays during the year were requested, not the final value of equipment put in place or structures completed during the year. It was suggested to the respondents that capital expenditures, as thus defined, could be computed by the following formula: The cost of additions completed during the year, plus construction in progress at the end of the year, less construction in progress at the beginning of the year. It was specified that the census definition of capital expenditures was to be used in computing the gross value of fixed assets discussed below.

Capital expenditures include the cost of plant and equipment for replacement purposes, as well as for additions to productive capacity. Costs associated with plants under construction but not in operation during the year are also included. The method of collecting data for plants under construction is described in the Introduction, Section 7, "Reporting Forms." Capital expenditures do not include plant and equipment furnished to the manufacturer without charge by governmental or private organizations. The value of rented facilities is also excluded.

**New Structures and Additions to Plant.**—This category includes all construction and other land improvements, whether built on contract or by the manufacturer's own labor force. Included are major alterations; capitalized repairs; new elevators, cranes, heating and air-conditioning

equipment essentially a part of buildings; fixed structures such as blast furnaces, brick kilns, fractionating towers, and shipways; and land improvements such as roads, fences, parking lots, and railroad spurs.

**New Machinery and New Equipment.**—This category includes production and all other machinery and equipment. Included are motors, lathes, presses, looms, and other production machinery; office machines and fixtures; furniture; automobiles, trucks, and handling equipment. Major repairs or improvement to existing equipment are included if the cost is capitalized, as well as equipment manufactured by the plant for use in its own production.

**Used Plant and Equipment.**—This category represents expenditures for old or existing plants and for secondhand equipment acquired from others. Transfers of used equipment between plants of multiunit companies are included. The companies were instructed to report such transfers at their current value rather than original cost. The Census Bureau estimates of capital expenditures as compared to those published in the joint Office of Business Economics-Securities and Exchange Commission survey are discussed in the Introduction.

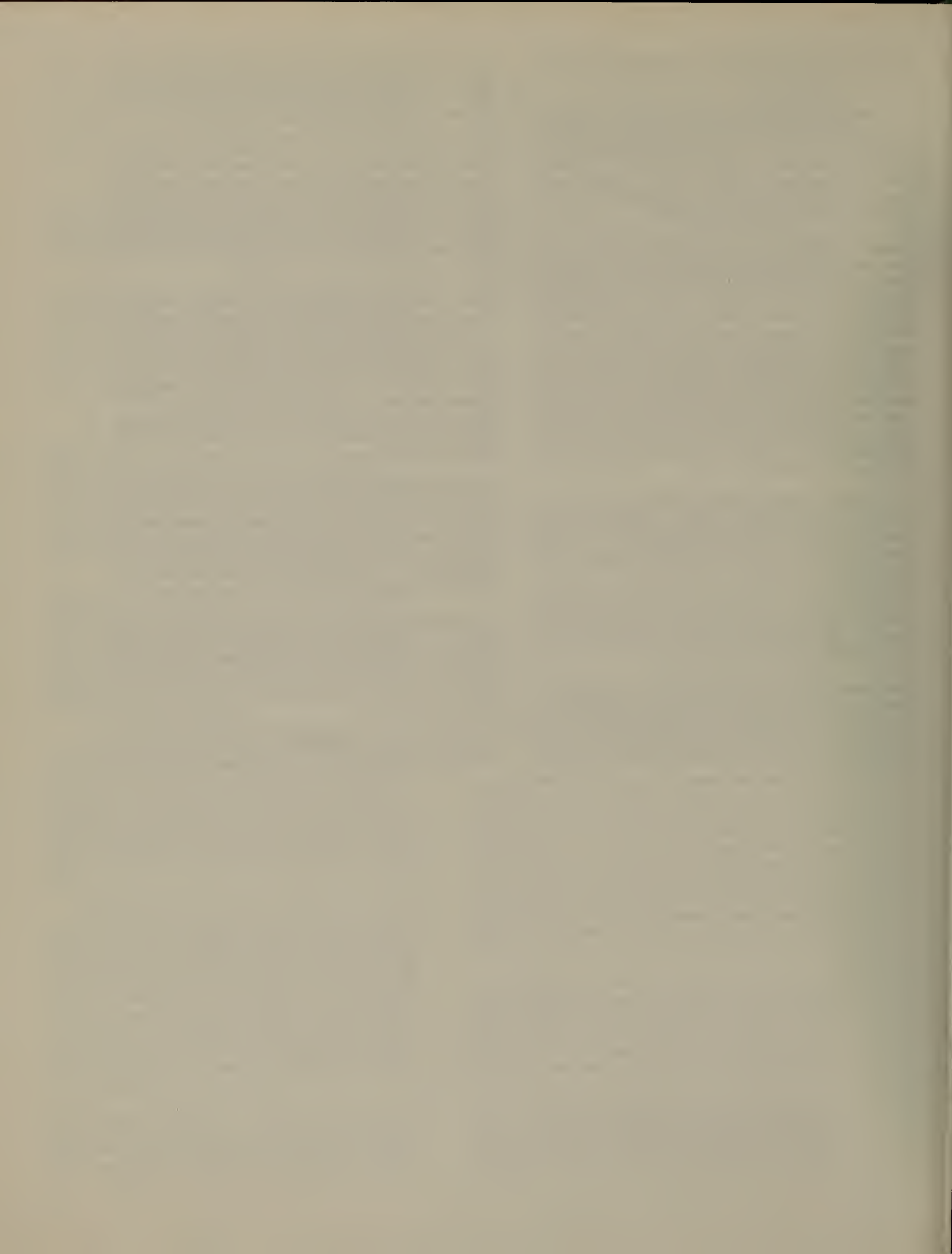
**Fuels and Electric Energy.**—Separate data were collected in the census for coal, coke, fuel oil, gas, and other fuels used for heat and power; purchased electric energy, electric energy generated by manufacturing establishments; and energy generated less the amount sold. Fuels used as a raw material (as coal in the production of coke) are included in the cost of materials rather than in the fuel category.

**Assets and Rents.**—Data on the gross value of fixed assets owned and rental payments for leased fixed assets were collected in the ASM. These figures are scheduled for publication in the ASM series, but are not included in the census volumes.<sup>3</sup>

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<sup>3</sup>Earlier reports on these topics include chapter 9 of Volume I, Summary Statistics, in the 1958 census, and chapter 7 of the ASM Volume for 1964-65.





# Appendix B

## INDUSTRY DESCRIPTIONS

This appendix contains descriptions of the 420 4-digit industries for which data were compiled and published in the 1967 Census of Manufactures. With two exceptions, the industries are the same as those described in the 1967 edition of the **Standard Industrial Classification (SIC) Manual**. The two exceptions are SIC industry 3712, Passenger Car Bodies, which was combined with industry 3711, Motor Vehicles, in the census tabulations and industry 3723, Propellers and Propeller Parts, combined with industry 3729, Aircraft Equipment, N.E.C.

The industry titles and descriptions, in general, agree with those appearing in the SIC manual, but the descriptions have been expanded in some instances to include references to additional products classified in other industries.

## 20 FOOD AND KINDRED PRODUCTS

This major group includes establishments manufacturing foods and beverages for human consumption, and certain related products, such as manufactured ice, chewing gum, vegetable and animal fats and oils, and prepared feeds for animals and fowls.

### 201 MEAT PRODUCTS

2011 Meatpacking Plants.—Establishments primarily engaged in the slaughtering, for their own account or on a contract basis for the trade, of cattle, hogs, sheep, lambs, calves, horses, and other animals, except small game, for meat to be sold or to be used on the same premises in canning and curing, and in making sausage, lard, and other products. Establishments primarily engaged in manufacturing sausages and meat specialties from purchased meats are classified in industry 2013; and establishments primarily engaged in killing, dressing, packing, and canning poultry, rabbits and other small game in industry 2015.

2013 Sausages and Other Prepared Meat Products.—Establishments primarily engaged in manufacturing sausages, cured meats, smoked meats, canned meats, frozen meats, and other prepared meats and meat specialties, from purchased carcasses and other materials. Sausage kitchens and other prepared meat plants operated by packing houses as separate establishments also are included in this industry. Establishments primarily engaged in killing, dressing, and packing poultry, rabbits, and other small game, and those canning poultry are classified in industry 2015. Establishments primarily engaged in the cutting up and resale of purchased fresh carcasses are classified in trade industries.

2015 Poultry and Small Game Dressing and Packing, Wholesale.—Establishments primarily engaged in slaughtering, dressing, packing, freezing, and canning poultry, rabbits, and other small game for their own account or on a contract basis for the trade. This industry also includes the drying, freezing, and breaking of eggs; but not the cleaning, oil treating, packing and grading of eggs which are classified in industry 5044.

### 202 DAIRY PRODUCTS

2021 Creamery Butter.—Establishments primarily engaged in manufacturing creamery butter.

2022 Cheese, Natural and Processed.—Establishments primarily engaged in manufacturing all types of natural cheese (except cottage cheese industry 2026), processed cheese, cheese foods, and cheese spreads.

2023 Condensed and Evaporated Milk.—Establishments primarily engaged in manufacturing condensed and evaporated milk and related products, including ice cream mix and ice milk mix made for sale as such and dry milk products.

2024 Ice Cream and Frozen Desserts.—Establishments primarily engaged in manufacturing ice cream and other frozen desserts.

2026 Fluid Milk.—Establishments primarily engaged in processing (pasteurizing, homogenizing, vitaminizing, bottling) and distributing fluid milk and cream, and related products.

### 203 CANNED AND PRESERVED FRUITS, VEGETABLES, AND SEAFOODS

2031 Canned and Cured Fish and Seafoods.—Establishments primarily engaged in cooking and canning fish, shrimps, oysters, clams, crabs, and other seafoods; and those engaged in smoking, salting, drying or otherwise curing fish for the trade. Establishments primarily engaged in shucking and packing fresh oysters in nonsealed containers, or freezing and packaging fresh fish, are classified in industry 2036.

2032 Canned Specialties.—Establishments primarily engaged in canning specialty products, such as baby foods, "native foods," health foods, and soups except seafood. Establishments primarily engaged in canning seafood soup are classified in industry 2031, and those primarily engaged in quick freezing canned specialties in industry 2037.

2033 Canned Fruits, Vegetables, Preserves, Jams, and Jellies.—Establishments primarily engaged in canning fruits and vegetables, and fruit and vegetable juices; and in manufacturing catsup and similar tomato sauces, preserves, jams, and jellies. Establishments primarily engaged in canning seafood soups are classified in industry 2031; and soups, except seafood, and baby foods in industry 2032.

2034 Dried and Dehydrated Fruits and Vegetables.—Establishments primarily engaged in sun drying or artificially dehydrating fruits, vegetables, and nuts, or in manufacturing packaged soup mixes from dehydrated ingredients. Establishments primarily engaged in the grading and marketing of farm dried fruits, such as prunes and raisins, are classified in industry 5049.

2035 Pickled Fruits and Vegetables; Vegetable Sauces and Seasonings; Salad Dressings.—Establishments primarily engaged in pickling and brining fruits and vegetables, and in manufacturing salad dressings, vegetable relishes, sauces, and seasonings. Establishments primarily engaged in manufacturing catsup and similar tomato sauces are classified in industry 2033, and those packing purchased pickles and olives in trade industries.

2036 Fresh or Frozen Packaged Fish and Seafoods.—Establishments primarily engaged in preparing fresh and raw or cooked frozen packaged fish and other seafood. This industry also includes establishments primarily engaged in the shucking and packing of fresh oysters in nonsealed containers.



- 2037 Frozen Fruits, Fruit Juices, Vegetables, and Specialties.—Establishments primarily engaged in quick-freezing and coldpacking (freezing) fruits, fruit juices, vegetables, and specialties.
- 204 GRAIN MILL PRODUCTS**
- 2041 Flour and Other Grain Mill Products.—Establishments primarily engaged in milling flour or meal from grain, except rice (industry 2044). The products of flour mills may be sold plain or in the form of prepared mixes for specific purposes.
- 2042 Prepared Feeds for Animals and Fowls.—Establishments primarily engaged in manufacturing prepared feeds for animals and fowls. Prepared feeds include poultry feed, livestock feed, dog food, and other pet foods (canned, frozen, and dry). This industry also includes establishments primarily engaged in manufacturing certain feed ingredients and adjuncts, such as alfalfa meal, feed supplements, and feed concentrates.
- 2043 Cereal Preparations.—Establishments primarily engaged in manufacturing cereal breakfast foods and related preparations.
- 2044 Rice Milling.—Establishments primarily engaged in cleaning and polishing rice, and in manufacturing rice flour or meal. Important products of this industry include brown rice, milled rice (including polished rice), rice polish, rice bran and rice flour.
- 2045 Blended and Prepared Flour.—Establishments primarily engaged in the preparation of blended flours and flour mixes from purchased flour.
- 2046 Wet Corn Milling.—Establishments primarily engaged in milling corn or sorghum grain (milo) by the wet process, and producing starch, sirup, oil, sugar, and byproducts, such as gluten feed and meal. Establishments primarily engaged in manufacturing starch from other vegetable sources (potato, wheat, etc.) are also included. Establishments primarily engaged in manufacturing table sirups from corn sirup and other ingredients, and those manufacturing starch base dessert powders, are classified in industry 2099.
- 205 BAKERY PRODUCTS**
- 2051 Bread and Other Bakery Products, Except Cookies and Crackers.—Establishments primarily engaged in manufacturing bread, cakes, and other "perishable" bakery products. Establishments primarily engaged in producing "dry" bakery products, such as biscuits, crackers, and cookies are classified in industry 2052. Establishments producing bakery products primarily for direct sale on the premises to household consumers are classified in Retail Trade, industry 5462. However, establishments manufacturing bakery products for sale primarily for home service delivery, or through one or more nonbaking retail outlets, are included in this industry.
- 2052 Cookies and Crackers.—Establishments primarily engaged in manufacturing biscuit, except raised biscuit, crackers, and similar "dry" bakery products. Establishments primarily engaged in producing "perishable" bakery products are classified in industry 2051.
- 206 SUGAR**
- 2061 Cane Sugar, Except Refining Only.—Establishments primarily engaged in manufacturing raw sugar, sirup, or finished (granulated or clarified) cane sugar from sugarcane. Establishments primarily engaged in refining sugar from purchased raw cane sirup or sugar sirups are classified in industry 2062.
- 2062 Cane Sugar Refining.—Establishments primarily engaged in refining purchased raw cane sugar and sugar sirup.
- 2063 Beet Sugar.—Establishments primarily engaged in manufacturing sugar from sugar beets.
- 207 CONFECTIONERY AND RELATED PRODUCTS**
- 2071 Candy and Other Confectionery Products.—Establishments primarily engaged in manufacturing candy, including chocolate candy, salted nuts, other confections and related products. Establishments primarily engaged in manufacturing solid chocolate bars are classified in industry 2072, and chewing gum in industry 2073. Establishments primarily engaged in manufacturing confectionery for direct sale on the premises are classified in industry 5441, and those primarily engaged in shelling and roasting nuts are classified in industry 5045.
- 2072 Chocolate and Cocoa Products.—Establishments primarily engaged in shelling, roasting, and grinding cocoa beans for the purpose of making chocolate liquor, from which cocoa powder and cocoa butter are derived, and in the further manufacture of solid chocolate bars and chocolate coatings. Establishments primarily engaged in manufacturing products except candy from purchased chocolate and cocoa are classified in industry 2099, and chocolate candies in industry 2071.
- 2073 Chewing Gum.—Establishments primarily engaged in manufacturing chewing gum or chewing gum base.
- 208 BEVERAGES**
- 2082 Malt Liquors.—Establishments primarily engaged in manufacturing all kinds of malt liquors.
- 2083 Malt.—Establishments primarily engaged in manufacturing malt or malt byproducts from barley or other grains.
- 2084 Wines, Brandy, and Brandy Spirits.—Establishments primarily engaged in manufacturing wines, brandy, and brandy spirits. This industry also includes bonded storerooms which are engaged in blending wines. Establishments primarily bottling purchased wines, brandy, and brandy spirits, but which do not manufacture wines and brandy, are classified in industry 5095.

2085 Distilled, Rectified, and Blended Liquors.—Establishments primarily engaged in manufacturing alcoholic liquors by distillation and rectification, and in manufacturing cordials and alcoholic cocktails by blending processes or by mixing liquors and other ingredients. Establishments primarily engaged in manufacturing industrial alcohol are classified in industry 2818, and those only bottling purchased liquors in industry 5095.

2086 Bottled and Canned Soft Drinks and Carbonated Waters.—Establishments primarily engaged in manufacturing soft drinks (nonalcoholic beverages) and carbonated waters. Establishments primarily engaged in manufacturing fruit and vegetable juices are classified in group 203, fruit sirups for flavoring in industry 2087, and cider in industry 2099. Establishments primarily engaged in bottling natural spring waters are classified in industry 5049.

2087 Flavoring Extracts and Flavoring Sirups, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing flavoring extracts, sirups, and fruit juices, not elsewhere classified, for soda fountain use or for the manufacture of soft drinks, and colors for bakers' and confectioners' use. Establishments primarily engaged in manufacturing chocolate sirup are classified in industry 2072 if from cacao beans and in industry 2099 if from purchased chocolate.

## 209 MISCELLANEOUS FOOD PREPARATION AND KINDRED PRODUCTS

2091 Cottonseed Oil Mills.—Establishments primarily engaged in manufacturing cottonseed oil, and by-product cake, meal, and linters. Establishments primarily engaged in refining cottonseed oil into edible cooking oils are classified in industry 2096.

2093 Vegetable Oil Mills, Except Corn, Cottonseed, and Soybean.—Establishments primarily engaged in manufacturing vegetable oils and byproduct cake and meal, except corn, cottonseed, and soybean. Establishments primarily engaged in refining vegetable oils into edible cooking oils are classified in industry 2096, and those refining these oils for medicinal purposes in industry 2833.

2094 Animal and Marine Fats and Oils.—Establishments primarily engaged in manufacturing animal oils, including fish oil and other marine animal oils, and byproduct meal; and those rendering inedible grease and tallow from animal fat, bones, and meat scraps. Establishments primarily engaged in manufacturing lard and edible tallow and stearin are classified in Group 201; those refining marine animal oils for medicinal purposes in industry 2833; and those manufacturing fatty acids in industry 2899.

2095 Roasted Coffee.—Establishments primarily engaged in roasting coffee, and in manufacturing coffee concentrates and extracts in powdered, liquid, or frozen form.

2096 Shortening, Table Oils, Margarine and Other Edible Fats and Oils, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing short-

ening, table oils, margarine, and other edible fats and oils, not elsewhere classified, by further processing of purchased animal and vegetable oils. Establishments primarily engaged in producing corn oil are classified in industry 2046.

2097 Manufactured Ice.—Establishments primarily engaged in manufacturing ice for sale. Ice plants operated by public utility companies are included in this industry. Establishments primarily engaged in manufacturing dry ice are classified in industry 2813, and the harvesting and storage of natural ice for sale in trade industries.

2098 Macaroni, Spaghetti, Vermicelli, and Noodles.—Establishments primarily engaged in manufacturing dry macaroni, spaghetti, vermicelli, and noodles. Establishments primarily engaged in manufacturing canned macaroni, spaghetti, etc., are classified in industry 2032.

2099 Food Preparations, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing prepared foods and miscellaneous food specialties, not elsewhere classified, such as baking powder, yeast, and other leavening compounds; chocolate and cocoa products, except confectionery, made from purchased materials; peanut butter; packaged tea; ground spices; potato, corn and other chips; and vinegar and cider.

## 21 TOBACCO MANUFACTURES

This major group includes establishments engaged in manufacturing cigarettes, cigars, smoking and chewing tobacco, and snuff, and in stemming and redrying tobacco. The manufacture of insecticides from tobacco byproducts is included in Major Group 28.

### 211 CIGARETTES

2111 Cigarettes.—Establishments engaged in manufacturing cigarettes.

### 212 CIGARS

2121 Cigars.—Establishments engaged in manufacturing cigars. Retail stores producing cigars are classified in trade industries.

### 213 TOBACCO (CHEWING AND SMOKING) AND SNUFF

2131 Tobacco (Chewing and Smoking) and Snuff.—Establishments engaged in manufacturing smoking and chewing tobacco, and snuff.

### 214 TOBACCO STEMMING AND REDRYING

2141 Tobacco Stemming and Redrying.—Establishments primarily engaged in the stemming and redrying of tobacco. Establishments which sell leaf tobacco as merchant wholesalers, agents, or brokers, and which also may be engaged in stemming tobacco, are not included in this industry. Leaf tobacco warehouses which may be engaged in stemming tobacco are not included in this industry.



This major group includes establishments engaged in performing any of the following operations: (1) preparation of fiber and subsequent manufacturing of yarn, thread, braids, twine, and cordage; (2) manufacturing broadwoven fabric, narrow woven fabric, knit fabric, and carpets and rugs from yarn; (3) dyeing and finishing fiber, yarn, fabric, and knit apparel; (4) coating, waterproofing, or otherwise treating fabric; (5) the integrated manufacture of knit apparel and other finished articles from yarn; and (6) the manufacture of felt goods, lace goods, bonded-fiber fabrics, and miscellaneous textiles.

This classification makes no distinction between the two types of organizations which operate in the textile industry: (1) The "integrated" mill which purchases materials, produces textiles and related articles within the establishment and sells the finished products; and (2) the "contract" or "commission" mill which processes materials owned by others. Converters or other nonmanufacturing establishments which assign materials to contract mills for processing (other than knitting) are classified in nonmanufacturing industries; establishments which assign yarns to outside contractors or commission knitters for the production of knit products are classified in Group 225.

## 221 BROADWOVEN FABRIC MILLS, COTTON

**2211** Broadwoven Fabric Mills, Cotton.—Establishments primarily engaged in weaving fabrics over 12 inches in width, wholly or chiefly of cotton. Establishments primarily engaged in weaving cotton carpets and rugs are classified in industry 2271; those tufting carpets and rugs in industry 2272; those making tire cord and fabric in industry 2296; and finishers of cotton broadwoven fabrics in industry 2261.

## 222 BROADWOVEN FABRIC MILLS, MANMADE FIBER AND SILK

**2221** Broadwoven Fabric Mills, Manmade Fiber and Silk.—Establishments primarily engaged in weaving fabrics over 12 inches in width, wholly or chiefly of silk and manmade fibers including glass. Establishments primarily engaged in weaving carpets and rugs from these fibers are classified in industry 2271; those tufting carpets and rugs from these fibers in industry 2272; and those making tire cord and fabric in industry 2296.

In the product coding system for 1967, 1963, and 1958 Censuses of Manufactures, finished synthetic and silk fabrics and blankets were classified as primary to industry 2221 when made in weaving mills. Similar products made in nonweaving establishments were classified as primary to the appropriate industry; for example, synthetic fabrics finished in establishments engaged only in dyeing or printing were classified as primary to industry 2262, Finishing Plants, Synthetic.

## 223 BROADWOVEN FABRIC MILLS WOOL: INCLUDING DYEING AND FINISHING

**2231** Broadwoven Fabric Mills, Wool: Including Dyeing and Finishing.—Establishments primarily engaged in weaving fabrics over 12 inches in width, wholly or chiefly by weight of wool, mohair, or similar animal fibers; those dyeing and finishing woven wool fabrics or dyeing wool, tops, or yarn; and those shrinking and sponging wool goods for the trade. Establishments primarily engaged in weaving wool carpets and rugs are classified in industry 2271, and those tufting wool carpets and rugs in industry 2272.

## 224 NARROW FABRICS AND OTHER SMALLWARES MILLS; COTTON, WOOL, SILK, AND MANMADE FIBER

**2241** Narrow Fabrics and other Smallwares Mills: Cotton, Wool, Silk, and Manmade Fiber.—Establishments primarily engaged in weaving or braiding fabrics 12 inches or narrower in width of cotton, wool, silk, and manmade fibers, including glass fibers. Establishments primarily engaged in covering rubber thread are also included in this industry.

## 225 KNITTING MILLS

**2251** Women's Full-Length and Knee-Length Hosiery, Seamless and Full-Fashioned.—Establishments primarily engaged in knitting, dyeing, or finishing women's and misses' full-length and knee-length hosiery, both seamless and full-fashioned.

**2252** Hosiery, Except Women's Full-Length and Knee-Length Hosiery.—Establishments primarily engaged in knitting, dyeing, or finishing hosiery, except women's and misses' full-length and knee-length seamless and full-fashioned hosiery.

**2253** Knit Outerwear Mills.—Establishments primarily engaged in knitting outerwear from yarn, or in manufacturing outerwear from knit fabric produced in the same establishment. Establishments primarily engaged in handknitting outerwear for the trade are included in this industry. Establishments primarily engaged in manufacturing woven or purchased knit fabric outerwear are classified in Major Group 23.

**2254** Knit Underwear Mills.—Establishments primarily engaged in knitting underwear and nightwear from yarn, or in manufacturing underwear and nightwear from knit fabric produced in the same establishment. Establishments primarily engaged in manufacturing underwear and nightwear from purchased knit fabric are classified in Major Group 23.

**2256** Knit Fabric Mills.—Establishments primarily engaged in knitting tubular or flat fabric, and in dyeing or finishing knit fabric.

**2259** Knitting Mills, Not Elsewhere Classified.—Establishments primarily engaged in knitting gloves and other articles, not elsewhere classified.



**226 DYEING AND FINISHING TEXTILES, EXCEPT WOOL FABRICS AND KNIT GOODS**

**2261** Finishers of Broadwoven Fabrics of Cotton.—Establishments primarily engaged in finishing purchased cotton broadwoven fabrics, or finishing such fabrics on a commission basis. These finishing operations include bleaching, dyeing, printing (roller, screen, flock, plisse), and other mechanical finishing such as preshrinking, calendering and napping. This industry also includes the shrinking and sponging of cloth for the trade, and chemical finishing for water repellency, fire resistance, and mildew proofing. Establishments primarily engaged in finishing wool broadwoven fabrics are classified in industry 2231; knit goods in Group 225; and those coating or impregnating fabrics in industry 2295.

**2262** Finishers of Broadwoven Fabrics of Manmade Fiber and Silk.—Establishments primarily engaged in finishing purchased manmade fiber and silk broadwoven fabrics or finishing such fabrics on a commission basis. These finishing operations include bleaching, dyeing, printing (roller, screen, flock, plisse); and other mechanical finishing such as preshrinking, calendering and napping. Establishments primarily engaged in finishing wool broadwoven fabrics are classified in industry 2231; knit goods in Group 225; and those coating or impregnating fabrics in industry 2295.

**2269** Finishers of Textiles, Not Elsewhere Classified.—Establishments primarily engaged in dyeing and finishing textiles, not elsewhere classified, such as bleaching, dyeing, printing and finishing of raw stock, yarn, braided goods, and narrow fabrics, except wool and knit fabrics. These establishments perform finishing operations on purchased textiles or on a commission basis.

**227 FLOOR COVERING MILLS**

**2271** Woven Carpets and Rugs.—Establishments primarily engaged in weaving carpets and rugs from any textile yarn. Important products of this industry include Axminster, Wilton, velvet, chenille, and similar woven carpets and rugs.

**2272** Tufted Carpets and Rugs.—Establishments primarily engaged in tufting carpets and rugs from any textile fiber. Important products of this industry include tufted carpets, rugs, scatter rugs, and bathmats and bathmat sets except terry woven. Finishers of these products also are included in this industry.

**2279** Carpets and Rugs, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing rugs, carpets, art squares, floor mattings, doormats and mattings from twisted paper, grasses, reeds, coir, sisal, jute or rags. Establishments primarily engaged in manufacturing hard-surface floor coverings, except rubber and cork, are classified in industry 3996.

**228 YARN AND THREAD MILLS**

**2281** Yarn Spinning Mills: Cotton, Manmade Fibers and Silk.—Establishments primarily engaged in spinning

yarn wholly or chiefly by weight of cotton, manmade staple fibers, or silk staple. Establishments primarily engaged in dyeing or finishing purchased yarns or finishing yarns on a commission basis are classified in industry 2269.

**2282** Yarn Throwing, Twisting, and Winding Mills: Cotton, Manmade Fibers, and Silk.—Establishments primarily engaged in throwing, twisting, winding or spooling yarn wholly or chiefly by weight of cotton, manmade fibers or silk. Establishments primarily engaged in dyeing or finishing purchased yarns or finishing yarns on a commission basis are classified in industry 2269, Finishing Plants, N.E.C.

**2283** Yarn Mills, Wool, Including Carpet and Rug Yarn.—Establishments primarily engaged in spinning, twisting, winding or spooling yarn (including carpet and rug yarn) wholly or chiefly by weight of wool, mohair, or similar animal fibers. Establishments primarily engaged in dyeing or finishing purchased wool yarn or finishing wool yarn on a commission basis are classified in industry 2231.

**2284** Thread Mills.—Establishments primarily engaged in manufacturing thread from natural or manmade fiber except flax (industry 2299) and wool (industry 2283). Important products of this industry include sewing, crochet, darning, embroidery, tatting, hand-knitting and other handicraft threads.

**229 MISCELLANEOUS TEXTILE GOODS**

**2291** Felt Goods, Except Woven Felts and Hats.—Establishments primarily engaged in manufacturing pressed felt, regardless of fiber, by means of heat, moisture, and pressure; and those making punched felt for rugs, cushions and other products from hair, jute, wool, or other fibers by the needle loom process. Establishments primarily engaged in manufacturing woven wool felts and wool haircloth are classified in industry 2231, and those manufacturing felt hats in Group 235.

**2292** Lace Goods.—Establishments primarily engaged in manufacturing lace machine products, and those primarily engaged in dyeing and finishing lace goods. Establishments primarily engaged in manufacturing Schiffli machine embroideries are classified in industry 2397. Establishments primarily engaged in manufacturing knitted lace and netting are classified in industry 2256.

**2293** Paddings and Upholstery Filling.—Establishments primarily engaged in manufacturing batting, padding, wadding, and filling for upholstery, pillows, quilts and apparel, from curled hair, cotton mill waste, moss, hemp tow, flax tow, kapok, and related materials. Establishments primarily engaged in manufacturing wood excelsior pads and wrappers are classified in industry 2429.

**2294** Processed Waste and Recovered Fibers and Flock.—Establishments primarily engaged in processing textile mill waste for spinning, padding, batting, or other uses; in recovering textile fibers from clippings

and rags; in cutting flock from waste, recovered fibers, or new fiber stock; and in manufacturing oakum and twisted jute packing. Establishments primarily engaged in cleaning and sorting wiping rags or waste are classified in industry 5093.

- 2295 Artificial Leather, Oilcloth, and Other Impregnated and Coated Fabrics, Except Rubberized.—Establishments primarily engaged in manufacturing coated and impregnated textiles, and in the special finishing of textiles, such as varnishing and waxing. Establishments primarily engaged in rubberizing purchased fabrics are classified in industry 3069, and those primarily engaged in dyeing and finishing textiles in Group 226.
- 2296 Tire Cord and Fabric.—Establishments primarily engaged in manufacturing cord and fabric for use in reinforcing rubber tires, industrial belting, fuel cells, and similar uses.
- 2297 Wool Scouring, Worsted Combing and Tow to Top Mills.—Establishments primarily engaged in processing textile fibers to prepare them for spinning. Important processes included in this industry are wool scouring and carbonizing, and combing and converting top.
- 2298 Cordage and Twine.—Establishments primarily engaged in manufacturing rope, cable, cordage, twine, and related products from abaca (Manila), sisal, henequen, hemp, cotton, paper, jute, flax, manmade fibers including glass, and other fibers.
- 2299 Textile Goods, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing linen goods, jute goods except felt, bonded-fiber fabrics except felt, and other textile goods, not elsewhere classified. Establishments primarily engaged in manufacturing woven felts are classified in industry 2231, nonwoven felts in industry 2291, and cordage and twine in industry 2298.

## 23 APPAREL AND OTHER FINISHED PRODUCTS MADE FROM FABRICS AND SIMILAR MATERIALS

This major group, known as the cutting-up or needle trades, includes establishments producing clothing and fabricating products by cutting and sewing purchased woven or knit textile fabrics and related materials such as leather, rubberized fabrics, plastics and furs.

Included in the apparel industries are three types of establishments: (1) The "regular" or inside factories, (2) contract factories, and (3) apparel jobbers. The "regular" factories perform all of the usual manufacturing functions on materials owned by themselves within their own plants, the contract factories manufacture apparel on a contract or commission basis from materials supplied to them by others, and apparel jobbers perform only entrepreneurial functions of a manufacturing establishment such as the purchase of raw materials for their own account, the design and preparation of samples,

arrangement with outside factories (contractors) for the manufacture of garments from materials supplied by such jobbers, and the sale of finished apparel.

Custom tailors and dressmakers not operating on a factory basis are classified in nonmanufacturing industries. Establishments which primarily purchase and resell finished garments but do not perform the functions of apparel jobbers or manufacturers are classified in the wholesale trades.

The major group also includes manufacturers of fabricated textile products (other than apparel) from purchased fabrics, typically by cutting and sewing or the performance of sewing and related services on textile and similar materials for the trade.

### 231 MEN'S, YOUTHS', AND BOYS' SUITS, COATS, AND OVERCOATS

- 2311 Men's, Youths', and Boys' Suits, Coats, and Overcoats.—Establishments primarily engaged in manufacturing men's, youths', and boys' suits, coats, and overcoats. Establishments primarily engaged in manufacturing uniforms (except athletic uniforms) are also included in this industry. Establishments primarily engaged in manufacturing men's work garments are classified in industry 2328.

### 232 MEN'S, YOUTHS', AND BOYS' FURNISHINGS, WORK CLOTHING, AND ALLIED GARMENTS

- 2321 Men's, Youths', and Boys' Shirts (Except Work Shirts), Collars, and Nightwear.—Establishments primarily engaged in manufacturing men's, youths', and boys' shirts (including polo and sports shirts), collars, and nightwear, cut and sewed from purchased woven or knit fabric. Establishments primarily engaged in manufacturing work shirts are classified in industry 2328. Knitting mills primarily engaged in manufacturing nightwear are classified in industry 2254.
- 2322 Men's, Youths', and Boys' Underwear.—Establishments primarily engaged in manufacturing men's, youths', and boys' underwear cut and sewed from purchased woven or knit fabric. Knitting mills primarily engaged in manufacturing underwear are classified in industry 2254.
- 2323 Men's, Youths', and Boys' Neckwear.—Establishments primarily engaged in manufacturing men's, youths', and boys' neckties, scarfs, and mufflers, cut and sewed from purchased woven or knit fabric. Knitting mills primarily engaged in manufacturing neckties, scarfs, and mufflers are classified in industry 2253.
- 2327 Men's, Youths', and Boys' Separate Trousers.—Establishments primarily engaged in manufacturing men's, youths', and boys' separate trousers and slacks. Establishments primarily engaged in manufacturing complete suits are classified in industry 2311 and work pants in industry 2328.
- 2328 Men's, Youths', and Boys' Working Clothing.—Establishments primarily engaged in manufacturing men's,



youths', and boys' work shirts, pants, and other work clothing and washable service apparel.

- 2329 Men's, Youths', and Boys' Clothing, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing men's, youths', and boys' clothing, not elsewhere classified. Establishments primarily engaged in manufacturing polo and sport shirts from purchased woven or knit materials are classified in industry 2321; separate trousers in industry 2327; work clothing in industry 2328; and leather and sheep lined garments in industry 2386. Knitting mills primarily engaged in manufacturing outerwear are classified in industry 2253.

### 233 WOMEN'S, MISSES', AND JUNIORS' OUTERWEAR

- 2331 Women's, Misses', and Juniors' Blouses, Waists, and Shirts.—Establishments primarily engaged in manufacturing women's, misses', and juniors' blouses, waists, and shirts, from purchased woven or knit fabrics. Establishments making knit outerwear shirts from yarns knit in the same establishment are classified in industry 2253, Knit Outerwear Mills.

- 2335 Women's, Misses', and Juniors' Dresses.—Establishments primarily engaged in manufacturing women's, misses', and juniors' dresses, including ensemble dresses, whether sold by the piece or by the dozen. Knit dresses made in knitting mills are classified in industry 2253, Knit Outerwear Mills.

- 2337 Women's, Misses', and Juniors' Suits, Skirts, and Coats.—Establishments primarily engaged in manufacturing women's, misses', and juniors' suits, skirts, and coats except furcoats and raincoats. Establishments primarily engaged in manufacturing fur garments are classified in industry 2371, raincoats in industry 2385, and knitting mills primarily engaged in manufacturing knit outerwear in industry 2253.

- 2339 Women's, Misses', and Juniors' Outerwear, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing women's, misses', and juniors' outerwear, not elsewhere classified, cut and sewed from purchased woven or knit fabric. Knitting mills primarily engaged in manufacturing outerwear are classified in industry 2253.

### 234 WOMEN'S, MISSES', CHILDREN'S, AND INFANTS' UNDERGARMENTS

- 2341 Women's, Misses', Children's, and Infants' Underwear and Nightwear.—Establishments primarily engaged in manufacturing women's, misses', children's, and infants' underwear and nightwear cut and sewed from purchased woven or knit fabric. Knitting mills primarily engaged in manufacturing underwear and nightwear are classified in industry 2254.

- 2342 Corsets and Allied Garments.—Establishments primarily engaged in manufacturing corsets, corset accessories, and allied garments. Establishments primarily engaged in manufacturing surgical and orthopedic appliances are classified in industry 3842.

### 235 HATS, CAPS, AND MILLINERY

- 2351 Millinery.—Establishments primarily engaged in manufacturing women's, misses', children's, and infants' millinery. Establishments primarily engaged in manufacturing millinery braid and trimmings are classified in industry 2396.

- 2352 Hats and Caps, Except Millinery.—Establishments primarily engaged in manufacturing hats and caps (except millinery) and all hat bodies. Knitting mills primarily engaged in manufacturing caps are classified in industry 2253.

- 2361 Girls', Children's, and Infants' Dresses, Blouses, Waists, and Shirts.—Establishments primarily engaged in manufacturing girls', children's, and infants' dresses, blouses, waists, and shirts, cut and sewed from purchased woven or knit fabric. Knitting mills primarily engaged in manufacturing outerwear are classified in industry 2253.

- 2363 Girls', Children's, and Infants' Coats and Suits.—Establishments primarily engaged in manufacturing girls', children's and infants' coats and suits, cut and sewed from purchased woven or knit fabric. Knitting mills primarily engaged in manufacturing outerwear are classified in industry 2253.

- 2369 Girls', Children's, and Infants' Outerwear, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing girls', children's, and infants' outerwear, not elsewhere classified, cut and sewed from purchased woven or knit fabric. Knitting mills primarily engaged in manufacturing outerwear are classified in industry 2253.

### 237 FUR GOODS

- 2371 Fur Goods.—Establishments primarily engaged in manufacturing furcoats, and other garments, accessories, and trimmings made of fur. Establishments primarily engaged in manufacturing sheep-lined clothing are classified in industry 2386, and those engaged in dyeing and dressing of furs in industry 3999.

### 238 MISCELLANEOUS APPAREL AND ACCESSORIES

- 2381 Dress and Work Gloves, Except Knit and All-Leather.—Establishments primarily engaged in manufacturing dress, semidress, and work gloves and mittens, cut and sewed from purchased woven or knit fabric, or these materials combined with leather. Knitting mills primarily engaged in manufacturing gloves and mittens are classified in industry 2259, establishments primarily engaged in manufacturing leather gloves in industry 3151, those manufacturing rubber gloves in industry 3069, and plastic gloves in industry 3079.

- 2384 Robes and Dressing Gowns.—Establishments primarily engaged in manufacturing men's and women's robes and dressing gowns.

- 2385 Raincoats and Other Waterproof Outer Garments.—Establishments primarily engaged in manufacturing raincoats made from purchased rubberized fabrics



and other waterproof outer garments made from such materials as pliofilm and cellophane. Establishments primarily engaged in manufacturing oiled fabric work garments are classified in industry 2328, and those manufacturing vulcanized rubber garments and garments made from rubberized fabrics produced in the same establishment are classified in industry 3069.

**2386** Leather and Sheep Lined Clothing.—Establishments primarily engaged in manufacturing leather and sheep lined garments. Establishments primarily engaged in manufacturing leather gloves and mittens are classified in industry 3151, and fur garments in industry 2371.

**2387** Apparel Belts.—Establishments primarily engaged in manufacturing men's and women's apparel belts, regardless of material.

**2389** Apparel and Accessories, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing suspenders, garters, handkerchiefs, and other apparel, not elsewhere classified, such as academic caps and gowns, vestments, and theatrical costumes.

#### **239 MISCELLANEOUS FABRICATED TEXTILE PRODUCTS**

**2391** Curtains and Draperies.—Establishments primarily engaged in manufacturing curtains and draperies from purchased materials.

**2392** Housefurnishings, Except Curtains and Draperies.—Establishments primarily engaged in manufacturing housefurnishings from purchased materials. Establishments primarily engaged in manufacturing curtains and draperies are classified in industry 2391.

**2393** Textile Bags.—Establishments primarily engaged in manufacturing shipping and other industrial bags from purchased fabric. Establishments primarily engaged in manufacturing plastic bags are classified in industry 2643; laundry, wardrobe, shoe and other textile housefurnishing bags in industry 2392; and luggage in industry 3161.

**2394** Canvas and Related Products.—Establishments primarily engaged in manufacturing awnings, tents, and related products from purchased fabric. Establishments primarily engaged in manufacturing canvas bags are classified in industry 2393.

**2395** Pleating, Decorative, and Novelty Stitching, and Tucking for the Trade.—Establishments primarily engaged in pleating, decorative, and novelty stitching, and tucking for the trade. Establishments primarily engaged in performing similar services for individuals are classified in service industries. Establishments primarily engaged in manufacturing trimmings are classified in industry 2396.

**2396** Automotive Trimmings, Apparel Findings, and Related Products.—Establishments primarily engaged in manufacturing automotive trimmings and apparel findings and related products.

**2397** Schiffli Machine Embroideries.—Establishments primarily engaged in manufacturing Schiffli machine embroideries.

**2399** Fabricated Textile Products, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing fabricated textile products, not elsewhere classified.

## **24 LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE**

This major group includes logging camps engaged in cutting timber and pulpwood; merchant sawmills, lath mills, shingle mills, cooperage stock mills, planing mills, and plywood mills and veneer mill engaged in producing lumber and wood basic materials; and establishments engaged in manufacturing finished articles made entirely or mainly of wood or wood substitutes. Certain types of establishments producing wood products are classified elsewhere. For example, furniture and office and store fixtures are classified in Major Group 25; pianos, musical instruments, toys and playground equipment, and caskets and coffins in Major Group 39. Woodworking in connection with construction, in the nature of reconditioning and repair, or performed to individual order, is classified in nonmanufacturing industries.

### **241 LOGGING CAMPS AND LOGGING CONTRACTORS**

**2411** Logging Camps and Logging Contractors.—Establishments primarily engaged in cutting timber and in producing rough, round, hewn, or riven primary forest or wood raw materials. Independent contractors engaged in estimating or trucking timber, but who perform no cutting operations, are classified in nonmanufacturing industries. Logging and woods operation conducted in combination with sawmills, pulpmills, or other converting establishments, and not separately reported, are classified in their respective industry groups; namely with sawmills in group 242, veneer and plywood mills in group 243, pulpmills in major group 26, and charcoal and wood distillation plants in group 286.

### **242 SAWMILLS AND PLANING MILLS, GENERAL**

**2421** Sawmills and Planing Mills, General.—Establishments primarily engaged in sawing rough lumber and timber from logs and bolts, or resawing cants and flitches into lumber, including box lumber and softwood cut stock, planing mills combined with sawmills; and separately operating planing mills which are engaged primarily in producing surfaced lumber and standard workings or patterns of lumber. This industry includes establishments primarily engaged in sawing lath and railroad ties, and in producing tobacco hogshead stock and snow fence lath. Establishments primarily engaged in manufacturing box shook or boxes are classified in Group 244; sash, doors, wood molding, window and door frames, and other fabricated millwork in industry 2431; and hardwood dimension and flooring in industry 2426. Logging camps combined with sawmills, when not separately reported, are included in this industry.

2426 Hardwood Dimension and Flooring Mills.—Establishments primarily engaged in manufacturing hardwood dimension lumber and workings therefrom; and other hardwood dimension, semifabricated or ready for assembly; and hardwood flooring. Establishments primarily engaged in manufacturing stairwork, molding, and trim are classified in industry 2431; and those manufacturing textile machinery bobbins, picker sticks, and shuttles in industry 3552.

2429 Special Product Sawmills, Not Elsewhere Classified.—Mills primarily engaged in manufacturing excelsior, wood shingles, and cooperage stock; and in sawing special products, not elsewhere classified.

#### 243 MILLWORK, VENEER, PLYWOOD, AND PREFABRICATED STRUCTURAL WOOD PRODUCTS

2431 Millwork.—Establishments primarily engaged in manufacturing fabricated millwork. Planing mills primarily engaged in producing millwork are included in this industry, but planing mills primarily producing standard workings or patterns of lumber are classified in industry 2421.

2432 Veneer and Plywood.—Establishments engaged primarily in producing commercial veneer, either face or technical, and those primarily engaged in manufacturing commercial plywood, including nonwood backed or faced veneer and nonwood faced plywood, from veneer produced in the same establishment or from purchased veneer. Establishments primarily engaged in the production of veneer which is used in the same establishment for the manufacture of end products such as fruit and vegetable baskets are classified in industry 2443, and wood boxes in industries 2441 and 2442.

2433 Prefabricated Wooden Buildings and Structural Members.—Establishments primarily engaged in manufacturing prefabricated wooden buildings, sections, and panels; or in producing laminated or fabricated trusses, arches, and other structural members of lumber. Prefabrication on the site of construction is not included in this industry.

#### 244 WOODEN CONTAINERS

2441 Nailed and Lock Corner Wooden Boxes and Shook.—Establishments primarily engaged in manufacturing nailed and lock corner wooden boxes (lumber or plywood), which also may produce shook for nailed and lock corner boxes.

2442 Wirebound Boxes and Crates.—Establishments primarily engaged in manufacturing wirebound boxes and crates.

2443 Veneer and Plywood Containers, Except Boxes and Crates.—Establishments primarily engaged in manufacturing veneer and plywood containers, except boxes. This industry includes baskets made primarily of veneer and splint for shipping and marketing fruits and vegetables.

2445 Cooperage.—Establishments engaged primarily in the manufacture of barrels, tubs, hogsheads, and other containers made of staves, except fruit and vegetable baskets.

#### 249 MISCELLANEOUS WOOD PRODUCTS

2491 Wood Preserving.—Establishments primarily engaged in treating wood, sawed or planed in other establishments, with creosote or other preservatives to prevent decay and to protect against fire and insects. This industry also includes the cutting, treating, and selling of poles, posts, and piling, but establishments primarily engaged in manufacturing other wood products, which they may also treat with preservatives, are not included.

2499 Wood Products, Not Elsewhere Classified.—Establishments primarily engaged in turning and shaping wood and manufacturing miscellaneous wood products, not elsewhere classified, such as lasts and related products, cork products, mirror and picture frames, and particleboard.

### 25 FURNITURE AND FIXTURES

This major group includes establishments engaged in manufacturing household, office, public building, and restaurant furniture, and office and store fixtures. Establishments primarily engaged in the production of millwork are classified in industry 2431; cut stone and concrete furniture in Major Group 32; laboratory and hospital furniture in Major Group 38; beauty and barber shop furniture in Major Group 39; and woodworking to individual order or in the nature of reconditioning and repair in nonmanufacturing industries.

#### 251 HOUSEHOLD FURNITURE

2511 Wood Household Furniture, Except Upholstered.—Establishments primarily engaged in manufacturing wood household furniture commonly used in dwellings. This industry also includes the manufacture of wood kitchen cabinets on a factory basis, and camp furniture. Establishments primarily engaged in manufacturing upholstered furniture are classified in industry 2512, and reed and rattan furniture in industry 2519.

2512 Wood Household Furniture, Upholstered.—Establishments primarily engaged in manufacturing upholstered furniture on wood frames, or manufacturing wood frames for upholstered furniture. Shops primarily engaged in reupholstering furniture, or upholstering frames to individual order, are classified in nonmanufacturing industries. Establishments primarily engaged in manufacturing dual purpose sleep furniture, such as studio couches, sofa beds, and chair beds are classified in industry 2515, Mattresses and Bedsprings, regardless of the material used in the frame.

2514 Metal Household Furniture.—Establishments primarily engaged in manufacturing metal household furniture of a type commonly used in dwellings, whether padded or plain. Establishments primarily



engaged in manufacturing dual purpose sleep furniture, such as studio couches, sofa beds, and chair beds, are classified in industry 2515, regardless of the material used in the frame.

**2515** Mattresses and Bedsprings.—Establishments primarily engaged in manufacturing innerspring mattresses, box spring mattresses, and noninnerspring mattresses containing felt, foam rubber, or any other filling material; and assembled wire springs (fabric, coil, or box) for use on beds, couches and cots. This industry also includes establishments primarily engaged in manufacturing dual purpose sleep furniture, such as studio couches, sofa beds, and chair beds regardless of the material used in the frame. Establishments primarily engaged in manufacturing automobile seats and backs are classified in industry 2531; individual wire springs in industry 3481; and paddings and upholstery filling in industry 2293.

**2519** Household Furniture, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing reed, rattan and other wicker furniture, and household furniture, not elsewhere classified.

## **252 OFFICE FURNITURE**

**2521** Wood Office Furniture.—Establishments primarily engaged in manufacturing wood office furniture, whether padded, upholstered, or plain.

**2522** Metal Office Furniture.—Establishments primarily engaged in manufacturing of metal office furniture, whether padded or plain. Establishments primarily engaged in manufacturing safes and vaults are classified in industry 3492.

## **253 PUBLIC BUILDING AND RELATED FURNITURE**

**2531** Public Building and Related Furniture.—Establishments primarily engaged in manufacturing furniture for schools, theaters, assembly halls, churches and libraries. Establishments primarily engaged in manufacturing seats for public conveyances, as well as seats for automobiles and aircraft, are included in this industry. Establishments primarily engaged in manufacturing stone furniture are classified in industry 3281; and concrete furniture in industry 3272.

## **254 PARTITIONS, SHELVING, LOCKERS, AND OFFICE AND STORE FIXTURES**

**2541** Wood Partitions, Shelving, Lockers, and Office and Store Fixtures.—Establishments primarily engaged in manufacturing wood shelving, lockers, office and store fixtures, prefabricated partitions, and related fabricated products. Establishments primarily engaged in manufacturing refrigerated cabinets, showcases, and display cases are classified in industry 3585, and safes and vaults in industry 3492.

**2542** Metal Partitions, Shelving, Lockers, and Office and Store Fixtures.—Establishments primarily engaged in manufacturing metal shelving, lockers, office and store fixtures, prefabricated partitions, and related fabricated products. Establishments primarily engaged in manufacturing refrigerated cabinets, show-

cases, and display cases are classified in industry 3585, and safes and vaults in industry 3492.

## **259 MISCELLANEOUS FURNITURE AND FIXTURES**

**2591** Venetian Blinds and Shades.—Establishments primarily engaged in manufacturing venetian blinds, regardless of the materials used, and shades except canvas shades and awnings (industry 2394).

**2599** Furniture and Fixtures, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing furniture and fixtures, not elsewhere classified, including furniture especially designed for use in restaurants.

## **26 PAPER AND ALLIED PRODUCTS**

This major group includes the manufacture of pulps from wood and other cellulose fibers, and rags; the manufacture of paper and paperboard; and the manufacture of paper and paperboard into converted products such as paper coated off the paper machine, paper bags, paper boxes, and envelopes. Certain types of converted paper products are classified elsewhere, such as abrasive paper in industry 3291; carbon paper in industry 3955, and photosensitized and blueprint paper in industry 3861.

## **261 PULPMILLS**

**2611** Pulpmills.—Establishments primarily engaged in manufacturing pulp from wood or from other materials such as rags, linters, waste paper, and straw. Logging camps operated by pulpmills, and not separately reported, are also included in this industry. Establishments primarily engaged in cutting pulpwood are classified in industry 2411; and pulpmills combined with papermills or paperboard mills, and not separately reported, are classified with the latter in industries 2621 and 2631, respectively.

## **262 PAPERMILLS, EXCEPT BUILDING PAPERMILLS**

**2621** Papermills, Except Building Papermills.—Establishments primarily engaged in manufacturing paper (except building paper, industry 2661) from woodpulp and other fibers, and which may also manufacture converted paper products. Pulpmills combined with papermills and not separately reported, are also included in this industry; where separately reported, they are classified in industry 2611. Establishments primarily engaged in manufacturing converted paper products from purchased paper stock are classified in groups 264 or 265.

## **263 PAPERBOARD MILLS**

**2631** Paperboard Mills.—Establishments primarily engaged in manufacturing paperboard, including paperboard coated on the paperboard machine, from woodpulp and other fibers; and which may also manufacture converted paperboard products. Pulpmills combined with paperboard mills, and not separately reported, are also included in this industry; where separately reported, they are classified in industry 2611. Establishments primarily engaged in manufacturing



converted paperboard products from purchased paperboard are classified in Groups 264 or 265, and building board in industry 2661.

## **264 CONVERTED PAPER AND PAPERBOARD PRODUCTS, EXCEPT CONTAINERS AND BOXES**

**2641** Paper Coating and Glazing.—Establishments primarily engaged in manufacturing coated, glazed, or varnished paper from purchased paper. Establishments primarily engaged in manufacturing carbon paper are classified in industry 3955; and photographic and blueprint paper in industry 3861.

**2642** Envelopes.—Establishments primarily engaged in manufacturing envelopes of any description from purchased paper and paperboard. Establishments primarily engaged in manufacturing papeteries (boxed stationery) are classified in industry 2649.

**2643** Bags, Except Textile Bags.—Establishments primarily engaged in manufacturing bags from purchased paper, cellophane, acetate, polyethylene, pliofilm, foil, and similar sheet or film materials.

**2644** Wallpaper.—Establishments primarily engaged in designing, printing and embossing paper for interior walls and ceilings. The paper stock used by this industry is called "hanging paper" and is produced by papermills classified in industry 2621.

**2645** Die-Cut Paper and Paperboard and Cardboard.—Establishments primarily engaged in die-cutting purchased paper and paperboard; and in manufacturing cardboard by laminating lining, or surface coating paperboard. Establishments primarily engaged in laminating building paper or building board from purchased paper or board are classified in industry 2649.

**2646** Pressed and Molded Pulp Goods.—Establishments primarily engaged in manufacturing all kinds of pressed and molded pulp goods, including papier mache articles other than statuary and art goods (industry 3299). Establishments primarily engaged in manufacturing plates and utensils from paper are classified in industry 2654.

**2647** Sanitary Paper Products.—Establishments primarily engaged in manufacturing from purchased paper, sanitary paper products, such as facial tissues and handkerchiefs, table napkins, toilet paper, towels, sanitary napkins, and tampons.

**2649** Converted Paper and Paperboard Products, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing from purchased paper or paperboard miscellaneous converted paper or paperboard products, not elsewhere classified. Establishments primarily engaged in manufacturing sanitary products from purchased paper are classified in industry 2647.

## **265 PAPERBOARD CONTAINERS AND BOXES**

**2651** Folding Paperboard Boxes.—Establishments primarily engaged in manufacturing folding paperboard boxes from purchased paperboard.

**2652** Setup Paperboard Boxes.—Establishments primarily engaged in manufacturing setup paperboard boxes from purchased paperboard.

**2653** Corrugated and Solid Fiber Boxes.—Establishments primarily engaged in manufacturing corrugated and solid fiber boxes and related products from purchased paperboard of fiber stock. Important products of this industry include corrugated and solid fiberboard boxes, pads, partitions, display items, pallets, single face products, and corrugated sheets.

**2654** Sanitary Food Containers.—Establishments primarily engaged in manufacturing food containers from special food board. Important products of this industry include fluid milk containers; folding paraffined cartons for butter, margarine, and shortening; ice cream containers; frozen food containers; liquid tight containers; round nested food containers; paper cups for hot or cold drinks; and pails for food and ice cream.

**2655** Fiber Cans, Tubes, Drums, and Similar Products.—Establishments primarily engaged in manufacturing fiber cans, cones, drums, and similar products with or without metal ends, from purchased materials; and vulcanized fiber boxes.

## **266 BUILDING PAPER AND BUILDING BOARD MILLS**

**2661** Building Paper and Building Board Mills.—Establishments primarily engaged in manufacturing building paper and building board from woodpulp and other fibrous materials. Pulpmills combined with building paper and building board mills and not separately reported, are also included in this industry; where separately reported, they are classified in industry 2611.

## **27 PRINTING, PUBLISHING, AND ALLIED INDUSTRIES**

This major group includes establishments engaged in printing by one or more of the common processes, such as letterpress, lithography, gravure, or screen; and those establishments which perform services for the printing trade, such as bookbinding, typesetting, engraving, photoengraving, and electrotyping. This major group also includes establishments engaged in publishing newspapers, books, and periodicals, whether or not they do their own printing. News syndicates are classified in service industries, (industry 7351) and textile printing and finishing in Major Group 22.

## **271 NEWSPAPERS: PUBLISHING, PUBLISHING AND PRINTING**

**2711** Newspapers: Publishing, Publishing and Printing.—Establishments primarily engaged in publishing newspapers, or in publishing and printing newspapers. These establishments carry on the various operations necessary for issuing newspapers, including the gathering of news and the preparation of editorials and advertisements, but may or may not perform their own printing. Commercial printing is frequently carried on by establishments engaged in publishing and printing newspapers, but even though

the commercial printing may be of major importance, such establishments are included in this industry. For the purposes of the census of manufactures, the term "newspaper" includes those publications issued at regular frequencies which contain news of interest to the general public. Establishments not engaged in publishing newspapers, but which print or lithograph newspapers for publishers, are classified in industry 2751 or industry 2752. News syndicates are classified in service industries (industry 7351).

## **272 PERIODICALS: PUBLISHING, PUBLISHING AND PRINTING**

**2721** Periodicals: Publishing, Publishing and Printing.—Establishments primarily engaged in publishing periodicals, or in preparing, publishing, and printing periodicals. These establishments carry on the various operations necessary for issuing periodicals, but may or may not perform their own printing. Establishments not engaged in publishing periodicals, but which print or lithograph periodicals for publishers are classified in industry 2751 or industry 2752.

## **273 BOOKS**

**2731** Books: Publishing, Publishing and Printing.—Establishments primarily engaged in publishing only, or in publishing and printing books and pamphlets. Establishments primarily engaged in printing or in printing and binding (but not publishing) books and pamphlets are classified in industry 2732, Book Printing.

**2732** Book Printing.—Establishments primarily engaged in printing only or in printing and binding books and pamphlets, but not engaged in publishing. Establishments primarily engaged in publishing, or in publishing and printing books and pamphlets, are classified in industry 2731. Establishments engaged in both printing and binding books, but primarily binding books printed elsewhere, are classified in industry 2789.

## **274 MISCELLANEOUS PUBLISHING**

**2741** Miscellaneous Publishing.—Establishments primarily engaged in miscellaneous publishing activities, not elsewhere classified, whether or not engaged in printing. Establishments primarily engaged in offering financial, credit, or other business services, and which may publish directories as part of this service, are not included in this industry but are classified in Service Industries.

## **275 COMMERCIAL PRINTING, EXCEPT LITHOGRAPHIC**

**2751** Commercial Printing, Except Lithographic.—Establishments primarily engaged in commercial or job printing, except lithographic. This industry includes general printing shops, as well as shops specializing in printing newspapers and periodicals for others, and those which specialize in gravure, rotogravure, and screen printing. Establishments primarily engaged in printing books, without publishing and greeting cards, are included in industries 2732 and

2771, respectively. Establishments primarily engaged in printing from lithographic plates are classified in industry 2752.

**2752** Commercial Printing, Lithographic.—Establishments primarily engaged in printing by the lithographic process. The greater part of the work in this industry is performed on a job or custom basis; but in some cases lithographed calendars, maps, posters, decalcomanias, etc., are made for sale. Offset printing, photo-offset printing, and photolithographing are also included in this industry. Establishments primarily engaged in lithographing books and pamphlets, without publishing, are classified in industry 2732, and greeting cards in industry 2771.

**2753** Engraving and Plate Printing.—Establishments primarily engaged in engraving and etching steel, copper, wood, or rubber plates, in using these plates to print stationery, visiting and other cards, invitations, maps, etc.; and in making woodcuts for use in printing illustrations, posters, etc. Engraving for purposes other than printing is classified in industry 3479.

## **276 MANIFOLD BUSINESS FORMS**

**2761** Manifold Business Forms.—Establishments primarily engaged in designing and printing, by any process, special forms for use in the operation of a business, in single and multiple sets, including carbonized or interleaved with carbon or otherwise processed for multiple reproduction.

## **277 GREETING CARD PUBLISHING**

**2771** Greeting Card Publishing.—Establishments primarily engaged in the designing, publishing, and printing by any process of greeting cards for all occasions.

## **278 BLANKBOOKS, LOOSELEAF BINDERS, AND BOOK-BINDING AND RELATED WORK**

**2782** Blankbooks, Looseleaf Binders and Devices.—Establishments primarily engaged in manufacturing blankbooks, looseleaf devices, and library binders, and in ruling paper.

**2789** Bookbinding and Related Work.—Establishments primarily engaged in edition, trade, job, and library bookbinding; in book or paper bronzing, gilding, and edging; in map and sample mounting; and other services related to bookbinding. Establishments primarily engaged in binding books printed elsewhere are classified in this industry but those primarily binding books printed in the same establishments are classified in Group 273, Books.

## **279 SERVICE INDUSTRIES FOR THE PRINTING TRADE**

**2791** Typesetting.—Establishments primarily engaged in typesetting for the trade, including advertisement typesetting.

**2793** Photoengraving.—Establishments primarily engaged in preparing photoengraving plates (halftones and linecuts). These establishments do not, as a rule, print from the plates which they make, but prepare them for use by others.



- 2794 Electrotyping and Stereotyping.—Establishments primarily engaged in preparing electrotype and stereotype plates. These establishments do not, as a rule, print from the plates which they make, but prepare them for use by others.

## 28 CHEMICALS AND ALLIED PRODUCTS

This major group includes establishments producing basic chemicals and establishments manufacturing products by predominantly chemical processes. Establishments classified in this major group manufacture three general classes of products: (1) Basic chemicals such as acids, alkalies, salts, and organic chemicals; (2) chemical products to be used in further manufacture such as synthetic fibers, plastics materials, dry colors, and pigments; (3) finished chemical products to be used for ultimate consumption such as drugs, cosmetics, and soaps; or to be used as materials or supplies in other industries such as paints, fertilizers, and explosives. The mining of natural rock salt is classified in mining industries. Establishments primarily engaged in manufacturing nonferrous metals and high percentage ferroalloys are classified in Major Group 33; silicon carbide in Major Group 32; baking powder, other leavening compounds, and starches in Major Group 20; and embalming fluids and artists' colors in Major Group 39. Establishments primarily engaged in packaging, repackaging, and bottling of purchased chemical products, but not engaged in manufacturing chemicals and allied products, are classified in trade industries.

### 281 INDUSTRIAL INORGANIC AND ORGANIC CHEMICALS

- 2812 Alkalies and Chlorine.—Establishments primarily engaged in manufacturing alkalies and chlorine.
- 2813 Industrial Gases.—Establishments primarily engaged in the manufacturing of gases for sale in compressed, liquid, and solid forms. Establishments primarily engaged in manufacturing fluorine, ammonia, and sulfur dioxide are classified in industry 2819; and chlorine in industry 2812. Distributors of industrial gases and establishments primarily engaged in shipping liquid oxygen are classified in trade.
- 2815 Cyclic Intermediates Dyes, Organic Pigments (Lakes and Toners), and Cyclic (Coal Tar) Crudes.—Establishments primarily engaged in manufacturing cyclic organic intermediates, dyes, color lakes and toners, and coal tar crudes. Important products of this industry include: (1) derivatives of benzene, toluene, naphthalene, anthracene, pyridine, carbazole, and other cyclic chemical products; (2) synthetic organic dyes; (3) synthetic organic pigments, and (4) cyclic (coal tar) crudes, such as light oils and light oil products; coal tar acids; and products of medium and heavy oil such as creosote oil, naphthalene, anthracene, and their higher homologues, and tar. Establishments primarily engaged in manufacturing coal tar crudes in chemical recovery ovens are classified in industry 3312, and petroleum refineries which produce such products in industry 2911. Prior to 1967, cyclic (coal tar) crudes were classified as industry 2814.

- 2816 Inorganic Pigments.—Establishments primarily engaged in manufacturing inorganic pigments. Important products of this industry include black pigments (except carbon black, industry 2895), white pigments and color pigments. Organic color pigments, except animal black and bone black, are classified in industry 2815.

- 2818 Industrial Organic Chemicals, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing industrial organic chemicals, not elsewhere classified. Important products of this industry include: (1) noncyclic organic chemicals such as acetic, chloroacetic, adipic, formic, oxalic and tartaric acids and their metallic salts; chloral, formaldehyde and methylamine; (2) solvents such as amyl, butyl, and ethyl alcohols; methanol; amyl, butyl and ethyl acetates; ethyl ether, ethylene glycol ether and diethylene glycol ether; acetone, carbon disulfide and chlorinated solvents such as carbon tetrachloride, perchloroethylene and trichloroethylene; (3) polyhydric alcohols such as ethylene glycol, sorbitol, pentaerythritol, synthetic glycerine; (4) synthetic perfume and flavoring materials such as coumarin, methyl salicylate, saccharin, citral, citronellal, synthetic geraniol, ionone, terpineol, and synthetic vanillin; (5) rubber processing chemicals such as accelerators and antioxidants, both cyclic and acyclic; (6) plasticizers, both cyclic and acyclic, such as esters of phosphoric acid, phthalic anhydride, adipic acid, lauric acid, oleic acid, sebacic acid, and stearic acid; (7) synthetic tanning agents such as naphthalene sulfonic acid condensates; (8) chemical warfare gases; and (9) esters, amines, etc., of polyhydric alcohols and fatty and other acids.

- 2819 Industrial Inorganic Chemicals, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing industrial inorganic chemicals, n.e.c. Important products of this industry include inorganic salts of sodium (excluding refined sodium chloride), potassium, aluminum, calcium, chromium, magnesium, mercury, nickel, silver, tin; inorganic compounds such as alums, calcium, carbide, hydrogen peroxide, phosphates, sodium silicate, ammonia compounds and anhydrous ammonia; rare earth metal salts and elemental bromine, fluorine, iodine, phosphorus, and alkali metals (sodium, potassium, lithium, etc.). Establishments primarily engaged in mining, milling, or otherwise preparing natural potassium, sodium, or boron compounds (other than common salt) are classified in industry 1474.

### 282 PLASTICS MATERIALS AND SYNTHETIC RESINS, SYNTHETIC RUBBER, SYNTHETIC AND OTHER MANMADE FIBERS, EXCEPT GLASS

- 2821 Plastics Materials, Synthetic Resins, and Nonvulcanizable Elastomers.—Establishments primarily engaged in manufacturing synthetic resins, plastics materials, and nonvulcanizable elastomers. Important products of this industry include: cellulose plastic materials; phenolic and other tar acid resins; urea and melamine resins; vinyl resins; styrene resins; alkyd resins; acrylic resins; polyethylene resins; polypropylene resins; rosin modified resins; coumarone-indene and petroleum polymer resins; and miscellaneous resins



including polyamide resins, silicones, polyisobutylenes, polyesters, polycarbonate resins, acetal resins, and fluorohydrocarbon resins; vulcanized fiber; casein plastics; and regenerated cellulose. This classification does not include nonchemical manufacturers who merely purchase resin or plastics materials to produce fabricated plastics products, film, and sheets, which are classified in industry 3079.

2822 Synthetic Rubber (Vulcanizable Elastomers).—Establishments primarily engaged in the manufacture of synthetic rubber by polymerization or copolymerization.

2823 Cellulosic Manmade Fibers.—Establishments primarily engaged in manufacturing cellulosic fibers (including cellulose acetate and regenerated cellulose such as rayon by the viscose or cuprammonium process) in the form of monofilament, yarn, staple or tow suitable for further manufacturing on spindles, looms, knitting machines or other textile processing equipment. Establishments primarily engaged in manufacturing textile glass fibers are classified in industry 3229.

2824 Synthetic Organic Fibers, Except Cellulosic.—Establishments primarily engaged in manufacturing synthetic organic fibers except cellulosic (including those of regenerated proteins, and of polymers or copolymers of such components as vinylchloride, vinylidene chloride, linear esters, vinyl alcohols, acrylonitrile, ethylenes, amides, and related polymeric materials) in the form of monofilament, yarn, staple or tow suitable for further manufacturing on spindles, looms, knitting machines or other textile processing equipment. Establishments primarily engaged in manufacturing textile glass fibers are classified in industry 3229.

## 283 DRUGS

2831 Biological Products.—Establishments primarily engaged in the production of bacterial and virus vaccine, toxoids and analogous products (such as allergenic extracts), serums, plasmas, and other blood derivatives for human or veterinary use.

2833 Medicinal Chemicals and Botanical Products.—Establishments primarily engaged in (1) manufacturing bulk organic and inorganic chemicals and their derivatives; and (2) processing (grading, grinding, and milling) bulk botanical drugs and herbs. Establishments primarily engaged in manufacturing agar-agar and similar products of natural origin, endocrine products, manufacturing or isolating basic vitamins, and isolating active medicinal principals such as alkaloids from botanical drugs and herbs are also included in this industry.

2834 Pharmaceutical Preparations.—Establishments primarily engaged in manufacturing, fabricating, or processing drugs in pharmaceutical preparations for human or veterinary use. The greater part of the products of these establishments are finished in the form intended for final consumption such as ampoules, tablets, capsules, ointments, medicinal powders, solutions, and suspensions. Products of

this industry consist of two important lines, namely: (1) pharmaceutical preparations promoted primarily to the dental, medical, or veterinary professions; and (2) pharmaceutical preparations promoted primarily to the public.

## 284 SOAP, DETERGENTS, AND CLEANING PREPARATIONS, PERFUMES, COSMETICS, AND OTHER TOILET PREPARATIONS

2841 Soap and Other Detergents, Except Specialty Cleaners.—Establishments primarily engaged in manufacturing soap, synthetic organic detergents, inorganic alkaline detergents, or any combination thereof, and establishments producing crude and refined glycerin from vegetable and animal fats and oils. Establishments primarily engaged in manufacturing shampoos or shaving products, whether from soap or synthetic detergents, are classified in industry 2844; and synthetic glycerin in industry 2818.

2842 Specialty Cleaning, Polishing, and Sanitation Preparations, Except Soap and Detergents.—Establishments primarily engaged in manufacturing furniture, metal, and other polishes; waxes and dressings for fabricated leather and other materials; household, institutional and industrial plant disinfectants, deodorants and exterminating products; dry cleaning preparations; and other sanitation preparations.

2843 Surface Active Agents, Finishing Agents, Sulfonated Oils and Assistants.—Establishments primarily engaged in producing surface active preparations for use as wetting agents, emulsifiers, and penetrants. Establishments engaged in producing sulfonated oils and fats and related products are also included.

2844 Perfumes, Cosmetics, and Other Toilet Preparations.—Establishments primarily engaged in manufacturing perfumes (natural and synthetic), cosmetics, and other toilet preparations. This industry also includes establishments primarily engaged in blending and compounding perfume bases; and those manufacturing shampoos and shaving products, whether from soap or synthetic detergents. Establishments primarily engaged in manufacturing synthetic perfume and flavoring materials are classified in industry 2818, and essential oils in industry 2899.

## 285 PAINTS, VARNISHES, LACQUERS, ENAMELS, AND ALLIED PRODUCTS

2851 Paints, Varnishes, Lacquers, Enamels and Allied Products.—Establishments primarily engaged in manufacturing paints (in paste and ready mixed form), varnishes, lacquers, enamels, and shellac, putties and caulking compounds; wood fillers and sealers; paint and varnish removers; paint brush cleaners, and allied paint products.

## 286 GUM AND WOOD CHEMICALS

2861 Gum and Wood Chemicals.—Establishments primarily engaged in manufacturing hardwood and softwood distillation products, wood and gum naval stores, charcoal, natural dye-stuffs, and natural tanning materials. Establishments primarily engaged in

manufacturing synthetic tanning materials are classified in industry 2818, synthetic dyes in industry 2815, and synthetic organic chemicals in industry 2818.

## **287 AGRICULTURAL CHEMICALS**

**2871** Fertilizers.—Establishments primarily engaged in manufacturing mixed fertilizers (mixtures containing nitrogen, phosphoric acid ( $P_2O_5$ ) or potash), from one or more fertilizer materials produced in the same establishments. Sulfuric, phosphoric, and nitric acid plants operated in conjunction with fertilizer plants and separately reported are classified in industry 2819. When separate reports are not available these acid plants are classified in this industry. Establishments engaged in manufacturing urea are classified in industry 2818.

**2872** Fertilizers, Mixing Only.—Establishments primarily engaged in mixing fertilizers from purchased fertilizer materials.

**2879** Agricultural Pesticides, and Other Agricultural Chemicals, Not Elsewhere Classified.—Establishments primarily engaged in the formulation and preparation of ready-to-use agricultural pest control chemicals, including insecticides, fungicides, and herbicides from technical chemicals or concentrates; and the production of concentrates which require further processing before use as agricultural pesticides. This industry also includes establishments primarily engaged in manufacturing or formulating agricultural chemicals, not elsewhere classified, such as minor or trace elements and soil conditioners. Establishments primarily engaged in manufacturing basic or technical agricultural pest control chemicals including insecticides, fungicides, and herbicides such as lead and calcium arsenates, copper sulfate, DDT, BHC, 2, 4-D carbomates, etc., are classified in Group 281. Establishments primarily engaged in manufacturing household or industrial pesticides are classified in industry 2842, and agricultural lime products in Major group 32.

## **289 MISCELLANEOUS CHEMICAL PRODUCTS**

**2891** Adhesives and Gelatin.—Establishments primarily engaged in manufacturing gelatin and industrial and household adhesives, glues, sizes, and cements from vegetable, animal, or purchased synthetic plastics materials. Establishments primarily engaged in manufacturing dessert preparations based on gelatin are classified in industry 2099; vegetable gelatin or agar-agar in industry 2833; rubber cement in industry 3069; and asbestos cement in industry 3292.

**2892** Explosives.—Establishments primarily engaged in manufacturing explosives. Establishments primarily engaged in manufacturing ammunition for small arms are classified in Group 196, and fireworks in industry 2899.

**2893** Printing Ink.—Establishments primarily engaged in manufacturing printing ink, gravure ink, screen process ink, and lithographic ink.

**2895** Carbon Black.—Establishments primarily engaged in manufacturing carbon black (channel and furnace black).

**2899** Chemicals and Chemical Preparations, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing miscellaneous chemical preparations, not elsewhere classified, such as fatty acids, essential oils, bluing, laundry soaps, writing and stamp pad inks; industrial compounds, such as boiler and heat insulating compounds, metal, oil and water treating compounds, waterproofing compounds and chemical supplies for foundries.

## **29 PETROLEUM REFINING AND RELATED INDUSTRIES**

This major group includes establishments primarily engaged in petroleum refining, manufacturing paving and roofing materials, and compounding lubricating oils and greases from purchased materials. Establishments manufacturing and distributing gas to consumers are classified in public utilities industries and those primarily engaged in producing coke and byproducts in Major Group 33.

### **291 PETROLEUM REFINING**

**2911** Petroleum Refining.—Establishments primarily engaged in producing gasoline, kerosene, distillate fuel oils, residual fuel oils, lubricants, and other products from crude petroleum and its fractionation products through straight distillation of crude oil, redistillation of unfinished petroleum derivatives, cracking or other processes. Establishments primarily engaged in producing natural gasoline from natural gas are classified in mining industries.

### **295 PAVING AND ROOFING MATERIALS**

**2951** Paving Mixtures and Blocks.—Establishments primarily engaged in manufacturing asphalt and tar paving mixtures; and paving blocks made of asphalt, creosoted wood, and various compositions of asphalt or tar with other materials. Establishments primarily engaged in manufacturing brick, concrete, granite, and stone paving blocks are classified in major group 32.

**2952** Asphalt Felts and Coatings.—Establishments primarily engaged in manufacturing asphalt and other saturated roofing felts in roll or shingle form, either smooth or faced with grit, and in manufacturing roofing cements and coatings. Establishments primarily engaged in manufacturing paint are classified in industry 2851.

### **299 MISCELLANEOUS PRODUCTS OF PETROLEUM AND COAL**

**2992** Lubricating Oils and Greases.—Establishments primarily engaged in blending and compounding lubricating oils and greases from purchased mineral, animal, and vegetable materials.

**2999** Products of Petroleum and Coal, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing fuel briquettes, boulets, packaged



fuel, powdered fuel, and other products of petroleum and coal, not elsewhere classified.

### **30 RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS**

This major group includes establishments manufacturing from natural, synthetic, or reclaimed rubber, gutta percha, balata, or gutta siak, rubber products such as tires, rubber footwear, mechanical rubber goods, heels and soles, flooring, and rubber sundries. This group also includes establishments engaged in molding primary plastics for the trade and manufacturing miscellaneous finished plastics products. The manufacture of elastic webbing is classified in Major Group 22, products made of elastic webbing and garments made from rubberized fabrics in Major Groups 23, synthetic rubber in industry 2822, and plastics materials in the form of sheets, rods, tubes, granules, powders, or liquids made from resins produced in the same establishment, in industry 2821.

#### **301 TIRES AND INNER TUBES**

**3011** Tires and Inner Tubes.—Establishments primarily engaged in manufacturing pneumatic casings, inner tubes, and solid and cushion tires for all types of vehicles, airplanes, farm equipment, and children's vehicles; tiring; and camelback, and tire repair and retreading materials.

#### **302 RUBBER FOOTWEAR**

**3021** Rubber Footwear.—Establishments primarily engaged in manufacturing all rubber footwear, waterproof fabric upper footwear, and other fabric upper footwear having rubber soles vulcanized to the uppers. Establishments primarily engaged in manufacturing rubber, composition, and fiber heels, soles, soling strips, and related shoe making and repairing materials are classified in industry 3069.

#### **303 RECLAIMED RUBBER**

**3031** Reclaimed Rubber.—Establishments primarily engaged in reclaiming rubber from scrap rubber tires, tubes and miscellaneous waste rubber articles by processes which result in a devulcanized, depolymerized or regenerated, replasticized product containing added ingredients. This product is sold for use as raw material in the manufacture of rubber goods with or without admixture with crude rubber or artificial rubber. Establishments primarily engaged in the assembly and wholesale sale of scrap rubber are classified in trade industries.

#### **306 FABRICATED RUBBER PRODUCTS, NOT ELSEWHERE CLASSIFIED**

**3069** Fabricated Rubber Products, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing industrial and mechanical rubber goods, rubberized fabrics and vulcanized rubber clothing, and miscellaneous rubber specialties and sundries. Establishments primarily engaged in rebuilding and retreading tires are classified in industry 7534.

### **307 MISCELLANEOUS PLASTICS PRODUCTS**

**3079** Miscellaneous Plastics Products.—Establishments primarily engaged in molding primary plastics for the trade, and fabricating miscellaneous finished plastics products. Establishments primarily engaged in manufacturing plastics materials in the form of sheets, rods, tubes, granules, powders, or liquids are classified in industry 2821, and those primarily engaged in manufacturing artificial leather in industry 2295.

### **31 LEATHER AND LEATHER PRODUCTS**

This major group includes establishments engaged in tanning, currying, and finishing hides and skins, and establishments manufacturing finished leather and artificial leather products and some similar products made of other materials. Leather converters are also included; such converters purchase hides and skins and have them processed into leather on a contract basis by others.

#### **311 LEATHER TANNING AND FINISHING**

**3111** Leather Tanning and Finishing.—Establishments primarily engaged in tanning, currying, and finishing hides and skins into leather. This industry also includes leather converters, who buy hides and skins and have them processed into leather on a contract basis by others.

#### **312 INDUSTRIAL LEATHER BELTING AND PACKING**

**3121** Industrial Leather Belting and Packing.—Establishments primarily engaged in manufacturing industrial leather products, such as transmission belting, mechanical packings, and textile leathers. Establishments primarily engaged in manufacturing leather gaskets are classified in industry 3293.

#### **313 BOOT AND SHOE CUT STOCK AND FINDINGS**

**3131** Boot and Shoe Cut Stock and Findings.—Establishments primarily engaged in manufacturing leather soles, innersoles, and other boot and shoe cut stock and findings. This industry also includes finished wood heels. Establishments primarily engaged in manufacturing heels, soling strips, and soles made of rubber, composition, plastics, and fiber are classified in Major Group 30.

#### **314 FOOTWEAR, EXCEPT RUBBER**

**3141** Footwear, Except House Slippers and Rubber Footwear.—Establishments primarily engaged in the production of boots and shoes designed primarily for street, work, play, or sport wear. Establishments primarily engaged in the production of such protective footwear as rubbers, rubber boots, storm shoes, galoshes, and other footwear with rubber soles vulcanized to the uppers are classified in industry 3021.

**3142** House Slippers.—Establishments primarily engaged in manufacturing house slippers of leather or other materials. Establishments primarily engaged in manufacturing boots and shoes designed primarily for street, work, play or sport wear are classified in industry 3141; and rubbers, rubber boots, storm



shoes, galoshes and other footwear with rubber soles vulcanized to fabric uppers are classified in industry 3021.

### **315 LEATHER GLOVES AND MITTENS**

- 3151 Leather Gloves and Mittens.—Establishments primarily engaged in manufacturing dress, semidress, and work gloves exclusively of leather or leather with lining of other material. Establishments primarily engaged in manufacturing sporting and athletic gloves are classified in industry 3949; and dress, semidress, and work gloves and mittens of cloth or cloth and leather combined in industry 2381.

### **316 LUGGAGE**

- 3161 Luggage.—Establishments primarily engaged in manufacturing luggage of leather or other materials. Establishments primarily producing instrument cases other than musical instruments, jewelry boxes and cases, and travel kits are classified in industry 3172.

### **317 HANDBAGS AND OTHER PERSONAL LEATHER GOOD**

- 3171 Women's Handbags and Purses.—Establishments primarily engaged in manufacturing women's handbags and purses of leather or other materials, except precious metal (industry 3911).
- 3172 Personal Leather Goods, Except Women's Handbags and Purses.—Establishments primarily engaged in manufacturing small articles, such as billfolds, key cases, and coin purses of leather or other materials, except precious metal (industry 3911).

### **319 LEATHER GOODS, NOT ELSEWHERE CLASSIFIED**

- 3199 Leather Goods, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing leather goods, not elsewhere classified, such as saddlery, harness, and whips; embossed leather goods; leather desk sets; and razor strops.

## **32 STONE, CLAY, GLASS, AND CONCRETE PRODUCTS**

This major group includes establishments engaged in manufacturing flat glass and other glass products, cement, structural clay products, pottery, concrete and gypsum products, cut stone, abrasive and asbestos products, etc., from materials taken principally from the earth in the form of stone, clay, and sand. When separate reports are available for mines and quarries operated by manufacturing establishments classified in this major group, the mining activities are classified in mining industries; when separate reports are not available, the mining activities are classified herein with the manufacturing operations.

### **321 FLAT GLASS**

- 3211 Flat Glass.—Establishments primarily engaged in manufacturing flat glass. This industry also produces laminated glass, but establishments primarily engaged in manufacturing laminated glass from purchased flat glass are classified in industry 3231.

### **322 GLASS AND GLASSWARE, PRESSED OR BLOWN**

- 3221 Glass Containers.—Establishments primarily engaged in manufacturing glass containers for commercial packing and bottling, and for home canning.
- 3229 Pressed and Blown Glass and Glassware, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing glass and glassware not elsewhere classified, pressed, blown, or shaped from glass produced in the same establishment. Establishments primarily engaged in manufacturing textile glass fibers are also included in this industry, but establishments primarily engaged in manufacturing glass wool insulation products are classified in industry 3296. Establishments primarily engaged in the production of pressed lenses for vehicular lighting, beacons, and lanterns are also included in this industry, but establishments primarily engaged in the production of optical lenses are classified in industry 3831. Establishments primarily engaged in manufacturing glass containers are classified in industry 3221, and complete electric light bulbs in industry 3641.

### **323 GLASS PRODUCTS, MADE OF PURCHASED GLASS**

- 3231 Glass Products Made of Purchased Glass.—Establishments primarily engaged in manufacturing glass products from purchased glass. Establishments primarily engaged in manufacturing optical lenses and ophthalmic lenses are classified in Major Group 38.

### **324 CEMENT, HYDRAULIC**

- 3241 Cement, Hydraulic.—Establishments primarily engaged in manufacturing hydraulic cement, including portland, natural, masonry, and pozzolan cements.

### **325 STRUCTURAL CLAY PRODUCTS**

- 3251 Brick and Structural Clay Tile.—Establishments primarily engaged in manufacturing brick and structural clay tile. Establishments primarily engaged in manufacturing clay firebrick are classified in industry 3255, nonclay firebrick in industry 3297, sand lime brick in industry 3299, and glass brick in industry 3229.
- 3253 Ceramic Wall and Floor Tile.—Establishments primarily engaged in manufacturing ceramic wall and floor tile. Establishments primarily engaged in manufacturing structural clay tile are classified in industry 3251, and drain tile in industry 3259.
- 3255 Clay Refractories.—Establishments primarily engaged in manufacturing clay firebrick and other heat resisting clay products. Establishments primarily engaged in manufacturing nonclay refractories, as well as all graphite refractories whether of carbon bond or ceramic bond, are classified in industry 3297.
- 3259 Structural Clay Products, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing clay sewer pipe and structural clay products, not elsewhere classified.

### **326 POTTERY AND RELATED PRODUCTS**

- 3261 Vitreous China Plumbing Fixtures and China and Earthenware Fittings and Bathroom Accessories.—Establishments primarily engaged in manufacturing china plumbing fixtures and china and earthenware fittings and bathroom accessories.
- 3262 Vitreous China Table and Kitchen Articles.—Establishments primarily engaged in manufacturing vitreous china table and kitchen articles for use in households and in hotels, restaurants, and other commercial institutions for preparing, serving or storing food or drink. Establishments primarily engaged in manufacturing fine (semivitreous) types of earthenware (whiteware) table and kitchen articles are classified in industry 3263.
- 3263 Fine Earthenware (Whiteware) Table and Kitchen Articles.—Establishments primarily engaged in manufacturing fine (semivitreous) types of earthenware table and kitchen articles for preparing, serving, or storing food and drink. Establishments primarily engaged in manufacturing vitreous china table and kitchen articles are classified in industry 3262.
- 3264 Porcelain Electrical Supplies.—Establishments primarily engaged in manufacturing porcelain electrical insulators, molded porcelain parts for electrical devices, spark plug and steatitic porcelain, and other electrical supplies from clay and other ceramic materials.
- 3269 Pottery Products, Not Elsewhere Classified.—Establishments primarily engaged in firing and decorating white china and earthenware for the trade and manufacturing art and ornamental pottery, industrial and laboratory pottery, stoneware and coarse earthenware table and kitchen articles, unglazed red earthenware florists' articles, and other pottery products, not elsewhere classified.

### **327 CONCRETE, GYPSUM, AND PLASTER PRODUCTS**

- 3271 Concrete Block and Brick.—Establishments primarily engaged in manufacturing concrete building block and brick from a combination of cement and aggregate. Contractors engaged in concrete construction work are classified in the construction industries, and building materials dealers primarily engaged in mixing and delivering ready-mixed concrete in industry 3273.
- 3272 Concrete Products, Except Block and Brick.—Establishments primarily engaged in manufacturing concrete products, except block and brick, from a combination of cement and aggregate. Contractors engaged in concrete construction work are classified in the construction industries, and building materials dealers primarily engaged in mixing and delivering ready-mixed concrete in industry 3273.
- 3273 Ready-Mixed Concrete.—Establishments primarily engaged in manufacturing Portland cement concrete, manufactured and delivered to a purchaser in a plastic and unhardened state. This industry includes production and sale of central-mixed concrete, shrink-mixed concrete and transit-mixed concrete.

- 3274 Lime.—Establishments primarily engaged in manufacturing quicklime, hydrated lime, and "dead-burned" dolomite from limestone, dolomite shells, or other substances.

- 3275 Gypsum Products.—Establishments primarily engaged in manufacturing plaster, plasterboard and other products composed wholly or chiefly of gypsum.

### **328 CUT STONE AND STONE PRODUCTS**

- 3281 Cut Stone and Stone Products.—Establishments primarily engaged in cutting, shaping, and finishing marble, granite, slate, and other stone for building and miscellaneous uses. Establishments primarily engaged in buying or selling partly finished monuments and tombstones, but performing no work on the stones other than lettering, finishing, or shaping to custom order, are classified in trade industries. The cutting of grindstones, pulpstones, and whetstones at the quarry is classified as mining industries.

### **329 ABRASIVE, ASBESTOS, AND MISCELLANEOUS NONMETALLIC MINERAL PRODUCTS**

- 3291 Abrasive Products.—Establishments primarily engaged in manufacturing abrasive grinding wheels of natural or synthetic materials, and other abrasive products. The cutting of grindstones, pulpstones, and whetstones at the quarry is classified in mining industries.
- 3292 Asbestos Products.—Establishments primarily engaged in manufacturing asbestos textiles, asbestos building materials, except asbestos paper (industry 2661) and other commodities composed wholly or chiefly of asbestos, except steam and other packing, pipe and boiler covering and gaskets (industry 3293).
- 3293 Gaskets, Packing, and Asbestos Insulations.—Establishments primarily engaged in manufacturing packing for steam, water, and other pipe joints, and for engines, air compressors, etc.; and insulating materials for covering boilers and pipes; and gaskets. Establishments primarily engaged in manufacturing leather packing are classified in industry 3121, rubber packing in industry 3069, and metal packing in industry 3599.
- 3295 Minerals and Earths, Ground or Otherwise Treated.—Establishments primarily engaged in crushing, grinding, pulverizing and otherwise preparing certain earths, rocks, minerals or slag for sale for industrial uses or for further manufacture. The beneficiating of ores and the cleaning and grading of coal performed at the mine or by primary preparation plants are classified in mining industries.
- 3296 Mineral Wool.—Establishments primarily engaged in manufacturing mineral wool and mineral wool insulation products made of such silicious materials as rock, slag, and glass, or combinations thereof. Establishments primarily engaged in manufacturing asbestos insulation products are classified in industries 3292 and 3293; and textile glass fibers in industry 3229.



3299 Nonmetallic Mineral Products, Not Elsewhere Classified.—Establishments primarily engaged in the factory production of statuary and art goods made of plaster of Paris and papier mache, and in manufacturing sand lime products and other nonmetallic mineral products, not elsewhere classified.

### 33 PRIMARY METAL INDUSTRIES

This major group includes establishments engaged in the smelting and refining of ferrous and nonferrous metals from ore, pig, or scrap; in the rolling, drawing, and alloying of ferrous and nonferrous metals; in the manufacture of castings, forgings, and other basic products of ferrous and nonferrous metals; and in the manufacture of nails, spikes, and insulated wire and cable. This major group also includes the production of coke.

#### 331 BLAST FURNACES, STEEL WORKS, AND ROLLING AND FINISHING MILLS

3312 Blast Furnaces (Including Coke Ovens) Steel Works and Rolling Mills.—Establishments primarily engaged in manufacturing hot metal, pig iron, silvery pig iron, and ferroalloys from iron ore and iron and steel scrap; converting pig iron, scrap iron and scrap steel into steel; and in hot-rolling iron and steel into basic shapes such as plates, sheets, strips, rods, bars and tubing. Merchant blast furnaces and byproduct or beehive coke ovens are also included in this industry. Establishments primarily engaged in manufacturing ferrous and nonferrous additive alloys by electrometallurgical processes are classified in industry 3313.

3313 Electrometallurgical Products.—Establishments primarily engaged in manufacturing ferro and nonferrous additive alloys by electrometallurgical or metal-thermic processes including high percentage ferroalloys and high percentage nonferrous additive alloys.

3315 Steel Wire Drawing and Steel Nails and Spikes.—Establishments primarily engaged in drawing wire from purchased iron or steel rods, bars, or wire and which may be engaged in the further manufacture of products made from wire, establishments primarily engaged in manufacturing steel nails and spikes from purchased materials are also included in this industry. Rolling mills engaged in the production of ferrous wire from wire rods or hot rolled bars produced in the same establishment are classified in industry 3312. Establishments primarily engaged in drawing nonferrous wire are classified in Group 335.

3316 Cold Rolled Steel Sheet, Strip, and Bars.—Establishments primarily engaged in (1) cold rolling steel sheets and strip from purchased hot rolled sheets; (2) cold drawing steel bars and steel shapes from purchased hot rolled steel bars; and (3) producing other cold finished steel. Establishments primarily engaged in the production of steel, including hot rolled steel sheets, and further cold rolling such sheets are included in industry 3312.

3317 Steel Pipe and Tubes.—Establishments primarily engaged in the production of welded or seamless steel pipe and tubes and heavy riveted steel pipe from purchased materials. Establishments primarily engaged in the production of steel, including steel skelp, or steel blanks, tube rounds, or pierced billets are classified in industry 3312.

#### 332 IRON AND STEEL FOUNDRIES

3321 Gray Iron Foundries.—Establishments primarily engaged in manufacturing gray iron castings, including cast iron pressure and soil pipes and fittings.

3322 Malleable Iron Foundries.—Establishments primarily engaged in manufacturing malleable iron castings.

3323 Steel Foundries.—Establishments primarily engaged in manufacturing steel castings.

#### 333 PRIMARY SMELTING AND REFINING OF NONFERROUS METALS

3331 Primary Smelting and Refining of Copper.—Establishments primarily engaged in smelting copper from the ore, and in refining copper by electrolytic or other processes. Establishments primarily engaged in rolling, drawing, or extruding copper are classified in industry 3351.

3332 Primary Smelting and Refining of Lead.—Establishments primarily engaged in smelting lead from the ore; and in refining lead by any process. Establishments primarily engaged in rolling, drawing, or extruding lead are classified in industry 3356.

3333 Primary Smelting and Refining of Zinc.—Establishments primarily engaged in smelting zinc from the ore, and in refining zinc by any process. Establishments primarily engaged in rolling, drawing, or extruding zinc are classified in industry 3356.

3334 Primary Production of Aluminum.—Establishments primarily engaged in producing aluminum from alumina, and in refining aluminum by any process. Establishments primarily engaged in rolling, drawing, or extruding aluminum are classified in industry 3352.

3335 Primary Smelting and Refining of Nonferrous Metals, Not Elsewhere Classified.—Establishments primarily engaged in smelting and refining nonferrous metals, not elsewhere classified. Establishments primarily engaged in rolling, drawing, and extruding these nonferrous primary metals are classified in industry 3356, and the production of bullion at the site of the mine is classified in the mining industries.

#### 334 SECONDARY SMELTING AND REFINING OF NONFERROUS METALS

3341 Secondary Smelting and Refining of Nonferrous Metals.—Establishments primarily engaged in recovering nonferrous metals and alloys from new and used scrap and dross, but which are not engaged in further fabrication. This industry includes establishments engaged in both the recovery and alloying of precious metals. Plants engaged in the recovery of tin through secondary smelting and refining, as well



as by chemical processes, are included in this industry. Establishments primarily engaged in assembling, sorting, and breaking up scrap metal, without smelting and refining are classified in trade industries.

### **335 ROLLING, DRAWING, AND EXTRUDING OF NON-FERROUS METALS**

**3351** Rolling, Drawing, and Extruding of Copper.—Establishments primarily engaged in rolling, drawing, and extruding copper, brass, bronze, and other copper base alloy basic shapes, such as plate, sheet, strip, bar, and tubing. Establishments primarily engaged in recovering copper and its alloys from scrap or dross are classified in industry 3341.

**3352** Rolling, Drawing, and Extruding of Aluminum.—Establishments primarily engaged in rolling, drawing and extruding aluminum and aluminum-base alloy basic shapes, such as plate, sheet, strip, bar, tubing and foil.

**3356** Rolling, Drawing, and Extruding of Nonferrous Metals, Except Copper and Aluminum.—Establishments primarily engaged in rolling, drawing, and extruding nonferrous metals other than copper (industry 3351), and aluminum (industry 3352). The products of this industry are produced in the form of basic shapes, such as plate, sheet, strip, bar, and tubing. Establishments primarily engaged in recovering nonferrous metals and alloys from scrap or dross are classified in industry 3341; in manufacturing gold, silver, tin, and other foils except aluminum, in industry 3497; and aluminum foil in industry 3352.

**3357** Drawing and Insulating of Nonferrous Wire.—Establishments primarily engaged in drawing, drawing and insulating, and insulating wire and cable of nonferrous metals from purchased wire bars, rods, or wire.

### **336 NONFERROUS FOUNDRIES**

**3361** Aluminum Castings.—Establishments primarily engaged in manufacturing castings and die castings of aluminum.

**3362** Brass, Bronze, Copper, Copper-Base Alloy Castings.—Establishments primarily engaged in manufacturing castings and die castings of copper and copper-base alloy.

**3369** Nonferrous Castings, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing castings and die castings of nonferrous materials, except aluminum, copper, and copper-base alloys.

### **339 MISCELLANEOUS PRIMARY METAL PRODUCTS**

**3391** Iron and Steel Forgings.—Establishments primarily engaged in manufacturing iron and steel forgings, with or without the use of dies. These establishments generally operate on a job or order basis, manufacturing forgings for sale to others or for interplant transfer. Establishments which produce iron and steel forgings and which are also engaged in fabricating operations, such as machining, assembling, etc., in manufacturing a specified product are

classified in the industry of the specified product. Iron and steel forgings are made to a considerable extent by establishments classified in other industries that produce forgings for incorporation, in the same establishment, into such products as machinery, motor vehicles, etc.

**3392** Nonferrous Forgings.—Establishments primarily engaged in manufacturing nonferrous forgings, with or without the use of dies. These establishments generally operate on a job or order basis, manufacturing forgings for sale to others or for interplant transfer. Establishments which produce nonferrous forgings and which are also engaged in fabricating operations, such as machining, assembling, etc., in manufacturing a specified product are classified in the industry of the specified product. Nonferrous forgings are made to a considerable extent by establishments classified in other industries that produce forgings for incorporation, in the same establishment, into such products as machinery, motor vehicles, etc.

**3399** Primary Metals Products, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing primary metal products, not elsewhere classified, such as nonferrous nails, brads, and spikes; metal powder, flakes, and paste; and establishments primarily engaged in heat treating of steel for the trade.

## **34 FABRICATED METAL PRODUCTS, EXCEPT ORDNANCE, MACHINERY, AND TRANSPORTATION EQUIPMENT**

This major group includes establishments engaged in fabricating ferrous and nonferrous metal products such as metal cans, tinware, handtools, cutlery, general hardware, nonelectric heating apparatus, fabricated structural metal products, metal stampings, and a variety of metal and wire products, n.e.c. Certain important segments of the metal fabricating industries are classified in other major groups such as ordnance in Major Group 19, machinery in Major Groups 35 and 36, transportation equipment in Major Group 37, professional, scientific, and controlling instruments, watches and clocks in Major Group 38, and jewelry and silverware in Major Group 39. Establishments primarily engaged in producing ferrous and nonferrous metals and their alloys are classified in Major Group 33.

### **341 METAL CANS**

**3411** Metal Cans.—Establishments primarily engaged in manufacturing metal cans from purchased materials.

### **342 CUTLERY, HANDTOOLS, AND GENERAL HARDWARE**

**3421** Cutlery.—Establishments primarily engaged in manufacturing cutlery. Establishments primarily engaged in manufacturing table cutlery made entirely of metal are classified in industry 3914; those manufacturing electric razors in industry 3634; and those manufacturing hair clippers for human use in industry 3999, and for animal use in industry 3522.

**3423** Hand and Edge Tools, Except Machine Tools and Handsaws.—Establishments primarily engaged in

manufacturing files and other hand and edge tools for metalworking, woodworking and general maintenance. Establishments primarily engaged in manufacturing saws are classified in industry 3425, and metal-cutting dies, power-driven handtools, and attachments and accessories for machine tools in Major Group 35.

3425 Handsaws and Saw Blades.—Establishments primarily engaged in manufacturing handsaws and sawblades for hand and power-driven saws. Establishments primarily engaged in manufacturing power-driven sawing machines are classified in Major Group 35.

3429 Hardware, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing miscellaneous metal products usually termed "hardware," not elsewhere classified. Establishments primarily engaged in manufacturing bolts and nuts are classified in industry 3452, nails and spikes in Major Group 33, cutlery in industry 3421, handtools in industry 3423, and pole line and transmission hardware in Major Group 36.

### 343 HEATING APPARATUS (EXCEPT ELECTRIC) AND PLUMBING FIXTURES

3431 Enameled Iron and Metal Sanitary Ware.—Establishments primarily engaged in manufacturing enameled iron, cast iron, or pressed metal sanitary ware. Establishments primarily engaged in manufacturing vitreous and semivitreous pottery sanitary ware are classified in industry 3261; and those manufacturing porcelain enameled kitchen, household, and hospital ware in industry 3461.

3432 Plumbing Fixture Fittings and Trim (Brass Goods).—Establishments primarily engaged in manufacturing plumbing fixture fittings and trim (brass goods). Establishments primarily engaged in the manufacture of steam or water line valves are classified in industry 3494.

3433 Heating Equipment, Except Electric.—Establishments primarily engaged in manufacturing heating equipment for all purposes other than power, including all gas, oil, and stoker coal fired equipment for the automatic utilization of gaseous, liquid, and solid fuels. Establishments primarily engaged in manufacturing cooking stoves and ranges are classified in industry 3631; boilershops primarily engaged in the production of industrial, power, and marine boilers in industry 3443; and industrial process furnaces and ovens in industry 3567.

### 344 FABRICATED STRUCTURAL METAL PRODUCTS

3441 Fabricated Structural Steel.—Establishments primarily engaged in manufacturing fabricated iron and steel or other metal for structural purposes, for bridges, buildings; and sections for ships, boats, and barges. Establishments primarily engaged in manufacturing metal doors, sash, frames, molding, and trim are classified in industry 3442; and fabrication work done by construction contractors at the site of construction is classified in construction industries.

3442 Metal Doors, Sash, Frames, Molding, and Trim.—Establishments primarily engaged in manufacturing ferrous and nonferrous metal and metal covered doors and sash, window and door frames and screens, molding, and trim.

3443 Fabricated Platework (Boiler Shops).—Establishments primarily engaged in manufacturing power and marine boilers, pressure and nonpressure tanks, processing and storage vessels, heat exchangers, weldments and similar products by the process of cutting, forming and joining metal plates, shapes, bars, sheet, pipe mill products and tubing to custom or standard design for factory or field assembly. Establishments primarily engaged in manufacturing nonelectric heating apparatus other than power boilers are classified in industry 3433, and household cooking apparatus in industry 3631.

3444 Sheet Metalwork.—Establishments primarily engaged in manufacturing sheet metalwork for buildings (not including fabrication work done by construction contractors at the place of construction), and manufacturing sheet metal stovepipes, light tanks, etc.

3446 Architectural and Ornamental Metalwork.—Establishments primarily engaged in manufacturing architectural and ornamental metalwork of ferrous and nonferrous metals, such as stairs and staircases, open steel flooring (grating), fire escapes, grilles, railings, and fences and gates, except those made from wire. Establishments primarily engaged in manufacturing prefabricated and portable metal buildings and parts, and miscellaneous metalwork, are classified in industry 3449.

3449 Miscellaneous Metalwork.—Establishments primarily engaged in manufacturing miscellaneous ferrous and nonferrous metalwork, such as prefabricated and portable metal buildings and parts, metal plaster bases, fabricated bar joists and concrete reinforcing bars, and prefabricated exterior metal panels.

### 345 SCREW MACHINE PRODUCTS, AND BOLTS, NUTS, SCREWS, RIVETS, AND WASHERS

3451 Screw Machine Products.—Establishments primarily engaged in manufacturing automatic or hand screw machine products from rod, bar, or tube stock of metal, fiber, plastics or other materials. The products of this industry consist of a wide variety of unassembled parts and are usually manufactured on a job or order basis. Establishments primarily engaged in manufacturing standard bolts, nuts, rivets, screws and other industrial fasteners on headers, threaders and nut forming machines are classified in industry 3452.

3452 Bolts, Nuts, Screws, Rivets, and Washers.—Establishments primarily engaged in manufacturing bolts, nuts, screws, rivets, washers, formed and threaded wire goods, and special industrial fasteners. Rolling mills engaged in manufacturing similar products are classified in Major Group 33, and establishments primarily engaged in manufacturing screw machine products in industry 3451.



### **346 METAL STAMPINGS**

3461 Metal Stampings.—Establishments primarily engaged in manufacturing metal stampings by the use of tools, dies, jigs, and fixtures to punch, draw, form or otherwise modify materials under pressure in a machine (primarily punch and draw presses).

### **347 COATING, ENGRAVING, AND ALLIED SERVICES**

3471 Electroplating, Plating, Polishing, Anodizing, and Coloring.—Establishments primarily engaged in all types of electroplating, plating, anodizing, coloring, and finishing of metals and formed products for the trade. Most of the work done in this industry is done on materials owned by others.

3479 Coating, Engraving, and Allied Services, Not Elsewhere Classified.—Establishments primarily engaged in performing the following types of services on metals: (1) enameling, lacquering, and varnishing metal products for the trade; (2) hot dip galvanizing of mill sheets, plates and bars, castings, and formed products fabricated of iron and steel; in hot dip coating such items with aluminum, lead, or zinc; in retinning cans and utensils; (3) in engraving, chasing, and etching jewelry, silverware, notarial and other seals, and other metal products for the trade and for job contracting for purposes other than printing; (4) and other metal services, not elsewhere classified. Establishments primarily engaged in electroplating, plating, polishing, anodizing, coloring, and finishing of metals and formed products for the trade are classified in industry 3471; and those producing porcelain enameled products in industry 3461.

### **348 MISCELLANEOUS FABRICATED WIRE PRODUCTS**

3481 Miscellaneous Fabricated Wire Products.—Establishments primarily engaged in manufacturing miscellaneous fabricated wire products from purchased wire. Rolling mills engaged in manufacturing wire products are classified in Major Group 33; establishments manufacturing nonferrous wire nails and spikes in industry 3399; those drawing and insulating nonferrous wire in industry 3357; and those assembling wire bedsprings or seats are classified in Major Group 25.

### **349 MISCELLANEOUS FABRICATED METAL PRODUCTS**

3491 Metal Shipping Barrels, Drums, Kegs, and Pails.—Establishments primarily engaged in manufacturing ferrous and nonferrous shipping barrels, drums, kegs, and nails.

3492 Safes and Vaults.—Establishments primarily engaged in manufacturing fire or burglary resistive steel safes and vaults (except concrete grave vaults, industry 3272, and metal grave vaults, industry 3994), and similar fire or burglary resistive products.

3493 Steel Springs.—Establishments primarily engaged in manufacturing leaf springs, hot wound springs, and coiled flat springs. Establishments primarily engaged in manufacturing wire springs are classified in industry 3481, and rolling mills manufacturing steel springs in industry 3312.

3494 Valves and Pipe Fittings, Except Plumbers' Brass Goods.—Establishments primarily engaged in manufacturing valves for controlling the flow of liquids or gases in pipes and mains, and for machinery. Establishments primarily engaged in manufacturing faucets, spigots, and similar plumbers' brass goods and fittings are classified in industry 3432.

3496 Collapsible Tubes.—Establishments primarily engaged in manufacturing collapsible tubes defined as cylindrical containers for viscous products, made of thin flexible metal, usually of tin, tin-lined lead, lead, lead-tin alloy or aluminum, with integral shoulder and neck, provided with an appropriate size opening in the throat, and usually with a screw cap made of plastic material for closure over the neck.

3497 Metal Foil and Leaf.—Establishments primarily engaged in manufacturing aluminum, gold, silver, tin, and other metal foil (including converted metal foil) and leaf. Establishments primarily engaged in manufacturing plain aluminum foil are classified in industry 3352.

3498 Fabricated Pipe and Fabricated Pipe Fittings.—Establishments primarily engaged in fabricating pipe and pipe fittings from purchased pipe, by cutting, threading, bending, etc. Establishments primarily engaged in manufacturing cast iron pipe and fittings, including cast and forged pipe fittings which have been machined and threaded, are classified in industry 3321; welded and heavy riveted pipe in industry 3317; and seamless steel pipe in industry 3317. Establishments primarily engaged in manufacturing products such as bannisters, railings, and guards from pipe are classified in industry 3446.

3499 Fabricated Metal Products, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing fabricated metal products, not elsewhere classified. Establishments primarily engaged in manufacturing advertising novelties are classified in industry 3993.

## **35 MACHINERY, EXCEPT ELECTRICAL**

This major group includes establishments engaged in manufacturing machinery and equipment, other than electrical equipment (Major Group 36) and transportation equipment (Major Group 37). Machines powered by built-in or detachable motors ordinarily are included in this major group, with the exception of electrical household appliances (Major Group 36). Portable tools, both electric and pneumatic powered, are included in this major group, but handtools are classified in Major Group 34.

### **351 ENGINES AND TURBINES**

3511 Steam Engines; Steam Gas, and Hydraulic Turbines; and Steam, Gas, and Hydraulic Turbine Generator Set Units.—Establishments primarily engaged in manufacturing steam engines; steam turbines; hydraulic turbines; gas turbines except aircraft; and complete steam, gas, and hydraulic turbine generator set units. Establishments primarily engaged in



building or rebuilding locomotives are classified in industry 3741; and those manufacturing nonautomotive type generators which are not part of a turbine generator set in industry 3621.

**3519** Internal Combustion Engines, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing diesel, semidiesel, or other internal combustion engines, not elsewhere classified, for stationery, marine, traction, and other uses. Establishments primarily engaged in manufacturing aircraft engines, including rocket engines, are classified in industry 3722, automotive engines except diesel in industry 3714, and engine generator sets in industry 3621.

## **352 FARM MACHINERY AND EQUIPMENT**

**3522** Farm Machinery and Equipment.—Establishments primarily engaged in manufacturing farm machinery, including equipment and wheel tractors, for use in the preparation and maintenance of the soil; planting and harvesting of the crop; preparing, on the farm, crops for market; or for use in performing other farm operations and processes. This industry includes wheel tractors, except contractors' off-highway type, which are classified in industry 3531. Establishments primarily engaged in manufacturing industrial trucks, tractors, and trailers used for handling materials in industrial plants, depots, and docks are classified in industry 3537; and farm handtools in Group 342.

## **353 CONSTRUCTION, MINING, AND MATERIALS HANDLING MACHINERY AND EQUIPMENT**

**3531** Construction Machinery and Equipment.—Establishments primarily engaged in manufacturing heavy machinery and equipment used by the construction industries, such as bulldozers; concrete mixers; cranes, except industrial plant; dredging machinery; pavers; and power shovels. Establishments primarily engaged in manufacturing mining equipment are classified in industry 3532, and well drilling machinery in industry 3533.

**3532** Mining Machinery and Equipment, Except Oilfield Machinery and Equipment.—Establishments primarily engaged in manufacturing heavy machinery and equipment used by the mining industries, such as coal breakers, mine cars, mineral cleaning machinery, concentration machinery, core drills, coal cutters, portable rock drills, and rock crushing machinery. Establishments primarily engaged in manufacturing construction machinery are classified in industry 3531; well drilling machinery in industry 3533; and coal and ore conveyors in industry 3535.

**3533** Oilfield Machinery and Equipment.—Establishments primarily engaged in manufacturing machinery and equipment for use in oil and gas fields or for drilling water wells.

**3534** Elevators and Moving Stairways.—Establishments primarily engaged in manufacturing passenger or freight elevators, automobile lifts, dumb waiters, and moving stairways. Establishments primarily en-

gaged in manufacturing commercial conveyors systems and equipment are classified in industry 3535, and farm elevators in industry 3522.

**3535** Conveyors and Conveying Equipment.—Establishments primarily engaged in manufacturing conveyors and conveying equipment for installation in factories, warehouses, mines, and other industrial and commercial establishments. Establishments primarily engaged in manufacturing passenger or freight elevators, dumb waiters, and moving stairways are classified in industry 3534; and overhead traveling cranes and monorail systems in industry 3536.

**3536** Hoists, Industrial Cranes, and Monorail Systems.—Establishments primarily engaged in manufacturing overhead traveling cranes, hoists, and monorail systems for installation in factories, warehouses, and other industrial and commercial establishments.

**3537** Industrial Trucks, Tractors, Trailers, and Stackers.—Establishments primarily engaged in manufacturing industrial trucks, tractors, trailers, stackers (truck-type), and related equipment, used for handling materials on floors and paved surfaces in and around industrial and commercial plants, depots, docks, and terminals. Establishments primarily engaged in manufacturing motor vehicles and motor vehicle-type trailers are classified in Group 371; farm-type wheel tractors in industry 3522; wheel tractor shovel loaders and tracklaying tractors in industry 3531; and wood pallets and skids in industry 2499.

## **354 METALWORKING MACHINERY AND EQUIPMENT**

**3541** Machine Tools, Metal-Cutting Types.—Establishments primarily engaged in manufacturing power-driven machines, not supported in the hands of an operator when in use, that shape metal by cutting or use of electrical techniques; the rebuilding of such machine tools, and the manufacture of replacement parts for them. Metalworking, or primarily metalworking, machine tools designed primarily for home workshops are also included. Establishments primarily engaged in the manufacture of electric welding equipment are classified in industry 3623; and portable power-driven handtools, gas welding and cutting equipment, and automotive maintenance equipment in industry 3548.

**3542** Machine Tools, Metal-Forming Types.—Establishments primarily engaged in manufacturing power-driven machines, not supported in the hands of an operator while in use, for pressing, forging, hammering, extruding, shearing, bending of die casting metal into shape. This industry also includes rebuilding such machine tools and manufacturing repair parts for them. Establishments primarily engaged in the manufacture of electric welding equipment are classified in industry 3623; portable power-driven handtools, gas welding and cutting equipment, and automotive maintenance equipment in industry 3548.

- 3544 Special Dies and Tools, Die Sets, Jigs and Fixtures.—Establishments commonly known as contract tool and die shops and primarily engaged in manufacturing, on a job or order basis, special tools and fixtures for use with machine tools, hammers, die casting machines, and presses. The products of establishments classified in this industry include a wide variety of special toolings, such as dies; punches; die sets and components, and subpresses; jigs and fixtures; and special checking devices. Establishments primarily engaged in manufacturing molds for die casting and foundry casting; metal molds for plaster working, rubber-working, plastic-working, glass-working and similar machinery are also included.
- 3545 Machine Tool Accessories and Measuring Devices.—Establishments primarily engaged in manufacturing cutting tools, machinists' precision measuring tools, and attachments and accessories for machine tools and for other metalworking machinery, not elsewhere classified. Establishments primarily engaged in manufacturing handtools except power-driven are classified in Group 342.
- 3548 Metalworking Machinery, Except Machine Tools; and Power-Driven Handtools.—Establishments primarily engaged in manufacturing metalworking machinery such as rolling mill machinery and equipment, welding equipment, wire fabricating machinery and equipment, except wire drawing dies, and automotive maintenance machinery and equipment. This industry also includes establishments primarily engaged in manufacturing power-driven handtools for all applications. Establishments primarily engaged in manufacturing machine tools, metal-cutting types, are classified in industry 3541, and those primarily engaged in manufacturing machine tools, metal-forming types, in industry 3542.
- 355 SPECIAL INDUSTRY MACHINERY, EXCEPT METALWORKING MACHINERY**
- 3551 Food Products Machinery.—Establishments primarily engaged in manufacturing machinery for use by the food products and beverage manufacturing industries in the preparation, canning, or packaging of food products; and parts and attachments for such machinery. Establishments primarily engaged in manufacturing industrial refrigeration machinery are classified in Group 358.
- 3552 Textile Machinery.—Establishments primarily engaged in manufacturing machinery for the textile industries, and extra parts, attachments, and accessories. Establishments primarily engaged in manufacturing domestic or industrial sewing machines are classified in industry 3636.
- 3553 Woodworking Machinery.—Establishments primarily engaged in manufacturing machinery for sawmills, planing mills, cabinet and furniture makers, pattern-makers, and veneer workers. Establishments primarily engaged in manufacturing handtools such as planes, axes, drawknives, and handsaws are classified in Group 342; and portable power-driven handtools in industry 3548.
- 3554 Paper Industries Machinery.—Establishments primarily engaged in manufacturing machinery for the pulp, paper, and paper product industries. Establishments primarily engaged in manufacturing printing trades machinery are classified in industry 3555.
- 3555 Printing Trades Machinery and Equipment.—Establishments primarily engaged in manufacturing machinery and equipment used by the printing and bookbinding trades. Establishments primarily engaged in manufacturing textile printing machinery are classified in industry 3552.
- 3559 Special Industry Machinery, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing special industry machinery, not elsewhere classified, such as smelting and refining equipment, cementmaking, clayworking, cotton ginning, glass making, hat making, incandescent lamp making, leather working, paintmaking, rubber working, cigar and cigarette making, tobacco working, shoemaking, and stoneworking machinery.
- 356 GENERAL INDUSTRIAL MACHINERY AND EQUIPMENT**
- 3561 Pumps, Air and Gas Compressors, and Pumping Equipment.—Establishments primarily engaged in manufacturing pumps, compressors, and pumping equipment for general industrial use. Establishments primarily engaged in manufacturing measuring and dispensing pumps for gasoline service station use are classified in industry 3586; and icemaking, refrigerating, and air conditioning units in industry 3585.
- 3562 Ball and Roller Bearing.—Establishments primarily engaged in manufacturing ball and roller bearings and parts. Establishments primarily engaged in manufacturing bearings, except ball and roller, are classified in industry 3566.
- 3564 Blowers and Exhaust and Ventilation Fans.—Establishments primarily engaged in manufacturing industrial and commercial blowers, industrial and commercial exhaust and ventilating fans, and attic fans. Establishments primarily engaged in manufacturing air-conditioning units are classified in industry 3585, and free air-circulating fans for use on desks, pedestals, or wall brackets, as well as household window-type fans and roll-abouts, kitchen and household ventilating and exhaust fans in industry 3634.
- 3565 Industrial Patterns.—Establishments primarily engaged in manufacturing industrial patterns.
- 3566 Mechanical Power Transmission Equipment, Except Ball and Roller Bearings.—Establishments primarily engaged in manufacturing mechanical power transmission equipment and parts, for industrial machinery. Establishments primarily engaged in manufacturing automotive, tank, and tractor power transmission equipment are classified in industry 3714; aircraft power transmission equipment in industry 3729; and ball and roller bearings in industry 3562.



- 3567 Industrial Process Furnaces and Ovens.—Establishments primarily engaged in manufacturing industrial process furnaces, ovens, induction and dielectric heating equipment and related devices.
- 3569 General Industrial Machinery and Equipment, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing machinery, equipment, and components for general industrial use, and for which no special classification is provided. Machine shops primarily engaged in producing machine and equipment parts, usually on a job or order basis, are classified in industry 3599.
- 357 OFFICE, COMPUTING, AND ACCOUNTING MACHINES**
- 3572 Typewriters.—Establishments primarily engaged in manufacturing typewriters and parts.
- 3573 Electronic Computer Equipment.—Establishments primarily engaged in manufacturing electronic computers and/or major logical components intended for use in electronic computer systems. Included are general-purpose electronic analog computers as well as electronic digital computers. The electronic computers may be used for data processing or may be incorporated as components into control equipment for industrial use, and as components of equipment used in weapons and weapons systems, space and oceanographic exploration, transportation, and other systems. Electronic computer systems contain high speed arithmetic and program control units, on-line information storage devices and input/output equipment. Examples of input/output equipment are converters (card and/or tape), readers and printers. Examples of storage devices are magnetic drums and disks, magnetic cores and magnetic film memories. In addition to providing technical manuals necessary for the operation and maintenance of the equipment, establishments in this industry usually furnish general-purpose computer programs and basic operating systems programs needed for effective use of the computer system. Establishments primarily producing rebuilt electronic computers are also included in this industry. Establishments primarily engaged in manufacturing desk calculators, cash registers, accounting machines and similar equipment, typically electrical or mechanical, are classified in industry 3574; electrical and electronic test equipment in industry 3611; industrial controls, including electronic, in industry 3622; and industrial process instruments in industry 3821.
- 3574 Calculating and Accounting Machines, Except Electronic Computing Equipment.—Establishments primarily engaged in manufacturing desk calculators, adding and accounting machines, cash registers, and similar equipment, except electronic computers. Establishments primarily engaged in manufacturing electronic computing equipment are classified in industry 3573; typewriters in industry 3572; and office duplicating machines and devices, autographic registers, and other office machines in industry 3579.
- 3576 Scales and Balances, Except Laboratory.—Establishments primarily engaged in manufacturing weighing and force measuring machines and devices of all types, except those regarded as scientific apparatus for laboratory and experimental work which are classified in industry 3811.
- 3579 Office Machines, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing office machines and devices, not elsewhere classified. Establishments primarily engaged in manufacturing computing machines are classified in industry 3573, cash registers in industry 3574, typewriters in industry 3572, and photocopy and microfilm equipment in industry 3861.
- 358 SERVICE INDUSTRY MACHINES**
- 3581 Automatic Merchandising Machines.—Establishments primarily engaged in manufacturing automatic merchandising units, also referred to as vending machines (excluding music, amusement, or gaming machines), and coin-operated mechanisms for such machines.
- 3582 Commercial Laundry, Dry Cleaning, and Pressing Machines.—Establishments primarily engaged in manufacturing laundry and dry cleaning equipment and pressing machines for commercial and industrial use. Establishments primarily engaged in manufacturing household laundry equipment are classified in industry 3633.
- 3585 Air Conditioning Equipment and Commercial and Industrial Refrigeration Machinery and Equipment.—Establishments primarily engaged in manufacturing equipment and systems utilizing the basic refrigeration cycle, including mechanical and absorption refrigerators for commercial and industrial use; refrigeration machinery; and complete air-conditioning units for domestic, commercial, and industrial use. Establishments primarily engaged in manufacturing soda fountains and beer dispensing equipment are classified in this industry, and those primarily engaged in manufacturing household refrigerators and home and farm freezers in industry 3632.
- 3586 Measuring and Dispensing Pumps.—Establishments primarily engaged in manufacturing measuring and dispensing pumps commonly used in service and filling stations for dispensing gasoline, oil, and grease, including grease guns. Establishments primarily engaged in manufacturing pumps, compressors, and pumping equipment for general industrial use are classified in industry 3561.
- 3589 Service Industry Machines, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing machines and equipment, not elsewhere classified, for use in service industries, such as floor sanding machines, industrial vacuum cleaners, scrubbing machines, commercial cooking and food warming equipment, and commercial dishwashing machines. Establishments primarily engaged in manufacturing household electrical appliances are classified in Group 363.



### **359 MISCELLANEOUS MACHINERY, EXCEPT ELECTRICAL**

- 3599 Miscellaneous Machinery, Except Electrical.—Establishments primarily engaged in manufacturing machinery and parts except electrical, not elsewhere classified, such as pistons and piston rings, carburetors, metallic packing, and amusement park equipment. This industry also includes establishments primarily engaged in producing or repairing machine and equipment parts, not elsewhere classified, on a job or order basis for others.

## **36 ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES**

This major group includes establishments engaged in manufacturing machinery, apparatus, and supplies for the generation, storage, transmission, transformation, and utilization of electrical energy. The manufacture of household appliances is included in this group, but industrial machinery and equipment powered by built-in or detachable electric motors is classified in Major Group 35.

### **361 ELECTRIC TRANSMISSION AND DISTRIBUTION EQUIPMENT:**

- 3611 Electric Measuring Instruments and Test Equipment.—Establishments primarily engaged in manufacturing pocket, portable, panelboard, and graphic recording instruments for measuring electricity, such as voltmeters, ammeters, wattmeters, watt-hour meters, demand meters, and other meters and indicating instruments. This industry also includes establishments primarily engaged in manufacturing analyzers for testing the electrical characteristics of internal combustion engines, radio apparatus, etc.
- 3612 Power, Distribution, and Specialty Transformers.—Establishments primarily engaged in manufacturing power, distribution and specialty transformers. Establishments primarily engaged in manufacturing radio frequency or voice frequency transformers, coils, or chokes are classified in industry 3679, and resistance welder transformers in industry 3623.
- 3613 Switchgear and Switchboard Apparatus.—Establishments primarily engaged in manufacturing switchgear and switchboard apparatus. Important products of this industry include power switches, circuit breakers, power switching equipment, and similar switchgear for general industrial application; switchboards and cubicles, control and metering panels, power fuse mountings, and similar switchboard apparatus and supplies. Establishments primarily engaged in manufacturing industrial controls, are classified in industry 3622, and those manufacturing current-carrying wiring devices in industry 3643.

### **362 ELECTRICAL INDUSTRIAL APPARATUS**

- 3621 Motors and Generators.—Establishments primarily engaged in manufacturing electric motors (except starting motors) and power generators; motor generator sets; railway motors and control

equipment; and motors, generators, and control equipment for gasoline, electric, and oil electric busses and trucks. Establishments primarily engaged in manufacturing turbo-generators are classified in industry 3511, and starting motors and battery charging generators for internal combustion engines in industry 3694.

- 3622 Industrial Controls.—Establishments primarily engaged in manufacturing motor starters and controllers, control accessories, electronic controls, and other industrial controls. Establishments primarily engaged in manufacturing automatic temperature controls are classified in industry 3822.

- 3623 Welding Apparatus.—Establishments primarily engaged in manufacturing welding apparatus and accessories. Establishments primarily engaged in coating welding wire from purchased wire or from wire drawn in the same establishment are also included. Establishments primarily engaged in manufacturing gas welding apparatus are classified in industry 3548, and laser, electron beam, and ultrasonic welding machines and equipment in industry 3662.

- 3624 Carbon and Graphite Products.—Establishments primarily engaged in manufacturing lighting carbons; carbon, graphite, and metal-graphite brushes and brush stock; carbon or graphite electrodes for thermal and electrolytic uses; and other carbon, graphite, and metal-graphite products.

- 3629 Electrical Industrial Apparatus, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing industrial and commercial electric apparatus and equipment, not elsewhere classified, such as blasting machines, and fixed and variable capacitors, condensers, and rectifiers for industrial applications. Establishments primarily engaged in manufacturing fixed and variable capacitors and condensers for electronic end products are classified in industry 3679, and rectifiers for electronic end products in industries 3674 and 3679.

### **363 HOUSEHOLD APPLIANCES**

- 3631 Household Cooking Equipment.—Establishments primarily engaged in manufacturing household cooking equipment, such as stoves, ranges, and ovens. Establishments primarily engaged in manufacturing household cooking appliances, such as hot plates, grills, percolators, and toasters are classified in industry 3634. Establishments primarily engaged in manufacturing commercial cooking equipment are classified in industry 3589.
- 3632 Household Refrigerators and Home and Farm Freezers.—Establishments primarily engaged in manufacturing household refrigerators and home and farm freezers. Establishments primarily engaged in manufacturing commercial and industrial refrigeration equipment, packaged room coolers, and dehumidifiers are classified in industry 3585.
- 3633 Household Laundry Equipment.—Establishments primarily engaged in manufacturing commercial laun-

dry equipment such as washing machines, wringers, driers, and ironers for household use. Establishments primarily engaged in manufacturing commercial laundry equipment are classified in industry 3582.

**3634 Electric Housewares and Fans.**—Establishments primarily engaged in manufacturing electric housewares for heating, cooking, and other purposes; and electric fans, including ventilating and exhaust household-type fans. Important products of this industry include electric air heaters, bed coverings, blenders, broilers, deep-fat fryers, flatirons, food mixers, hotplates, percolators and coffeemakers, roasters, toasters, desk and bracket fans, hassock or floor fans, window-type propeller fans, roll-about and household and kitchen ventilating and exhaust fans. Establishments primarily engaged in manufacturing industrial and commercial blowers, industrial and commercial exhaust and ventilating fans, and attic fans are classified in industry 3564.

**3635 Household Vacuum Cleaners.**—Establishments primarily engaged in manufacturing vacuum cleaners for household use. Establishments primarily engaged in manufacturing vacuum cleaners for industrial use are classified in industry 3589, and built in vacuum cleaner systems in industry 1796.

**3636 Sewing Machines.**—Establishments primarily engaged in manufacturing sewing machines for domestic and industrial use.

**3639 Household Appliances, Not Elsewhere Classified.**—Establishments primarily engaged in manufacturing household appliances, not elsewhere classified, such as hot water heaters, dishwashers, and food waste disposal units.

**364 ELECTRIC LIGHTING AND WIRING EQUIPMENT:**

**3641 Electric Lamps.**—Establishments primarily engaged in manufacturing electric bulbs, tubes, and related light sources. Important products of this industry include incandescent filament lamps, vapor and fluorescent lamps, photoflash and photoflood lamps, electrotherapeutic lamp units for ultra-violet and infrared radiation, and other electric light sources. Establishments primarily engaged in manufacturing glass blanks for bulbs are classified in industry 3229; and lamp components, such as supports, filaments, lead-in wire and cold cathode fluorescent lamp electrodes, in industry 3699.

**3642 Lighting Fixtures.**—Establishments primarily engaged in manufacturing lighting fixtures and equipment of any type, including electric and gas lighting fixtures; carbide, kerosene, and gasoline lamps; and metal reflectors and fittings. Establishments primarily engaged in producing glassware for lighting fixtures are classified in Major Group 32; and electric light bulbs, tubes, and related light sources in industry 3641.

**3643 Current Carrying Wiring Devices.**—Establishments primarily engaged in manufacturing current carrying wiring devices. Important products of this industry

include attachment plugs and caps, convenience outlets, lamp sockets and receptacles, snap switches, conductor connectors, overhead trolley line material, rail bonds for both propulsion and signal circuits, lightning arrestors, and other lightning protective equipment.

**3644 Noncurrent Carrying Wiring Devices.**—Establishments primarily engaged in manufacturing noncurrent carrying wiring devices. Important products of this industry include conduits and fittings; electrical insulators and insulation materials, except porcelain insulators (industry 3264) and glass insulators (industry 3229); outlet, switch and fuse boxes; and pole line hardware.

**365 RADIO AND TELEVISION RECEIVING SETS, EXCEPT COMMUNICATION TYPES**

**3651 Radio and Television Receiving Sets, Except Communication Types.**—Establishments primarily engaged in manufacturing electronic equipment for home entertainment. This industry also includes establishments primarily engaged in manufacturing public address systems, and music distribution apparatus except records. Establishments primarily engaged in manufacturing records are classified in industry 3652; radio and television receiving-type tubes in industry 3671; and television receiving-type cathode ray tubes in industry 3672.

**3652 Phonograph Records.**—Establishments primarily engaged in manufacturing phonograph records and prerecorded magnetic tape. Establishments primarily engaged in manufacturing electronic equipment for home entertainment, except records and prerecorded magnetic tape, are classified in industry 3651.

**366 COMMUNICATION EQUIPMENT**

**3661 Telephone and Telegraph Apparatus.**—Establishments primarily engaged in manufacturing wire telephone and telegraph equipment, and parts especially designed for telephone and telegraph use.

**3662 Radio and Television Transmitting Signaling and Detection Equipment and Apparatus.**—Establishments primarily engaged in manufacturing (1) radio and television broadcasting equipment; (2) electric communication equipment and parts, except telephone and telegraph; (3) electronic field detection apparatus, light and heat emission operating apparatus, object detection apparatus and navigational electronic equipment, and aircraft and missile control systems; and (4) high energy particle accelerator systems and equipment designed and sold as a complete package for radiation therapy, irradiation, radiographic inspection, and research (linear accelerators, betatrons, dynamotrons, Vandergraff generators, resonant transformers, insulating core transformers, etc.); (5) high energy particle electronic equipment and accessories sold separately for the construction of linear accelerators, cyclotrons, synchrotrons, and other high energy research installations (transmitters/modulators, accelerating waveguide structures, pulsed electron guns, vacuum



systems, cooling systems, etc.); (6) other electric and electronic communication and signaling products, not elsewhere classified. Establishments primarily engaged in manufacturing transmitting tubes are classified in industry 3673.

### **367 ELECTRONIC COMPONENTS AND ACCESSORIES**

- 3671 Radio and Television Receiving Type Electron Tubes, Except Cathode Ray.—Establishments primarily engaged in manufacturing radio and television receiving type electron tubes, except cathode ray tubes. Establishments primarily engaged in manufacturing television receiving type cathode ray tubes are classified in industry 3672; transmitting tubes in industry 3673; X-ray tubes in industry 3693; and electronic equipment for home entertainment, except tubes, in industry 3651.
- 3672 Cathode Ray Picture Tubes.—Establishments primarily engaged in manufacturing television receiving type cathode ray tubes. Establishments primarily engaged in manufacturing other radio and television receiving type electron tubes are classified in industry 3671; and transmitting tubes in industry 3673.
- 3673 Transmitting, Industrial, and Special Purpose Electron Tubes.—Establishments primarily engaged in manufacturing transmitting, industrial, and special purpose electron tubes. Establishments primarily engaged in manufacturing radio and television transmitting equipment are classified in industry 3662; radio and television receiving tubes in industry 3671; television receiving type cathode ray tubes in industry 3672; and X-ray tubes in industry 3693.
- 3674 Semiconductors and Related Devices.—Establishments primarily engaged in manufacturing semiconductor and related solid state devices, such as semiconductor diodes and stacks, including rectifiers, integrated microcircuits (semiconductor networks), transistors, solar cells, and light sensitive semiconductor (solid state) devices.
- 3679 Electronic Components and Accessories, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing specialty resistors for electronic end products; electronic inductors, transformers, and capacitors; and other electronic components, not elsewhere classified. Establishments primarily engaged in manufacturing resistors, inductors, and transformers for telephone and telegraph apparatus are classified in industry 3661; electric lamps in industry 3641; and semiconductor (solid state) and related devices in industry 3674.
- 369 MISCELLANEOUS ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES
- 3691 Storage Batteries.—Establishments primarily engaged in manufacturing storage batteries.
- 3692 Primary Batteries, Dry and Wet.—Establishments primarily engaged in manufacturing primary batteries, dry or wet.

- 3693 Radiographic X-ray, Fluoroscopic X-ray, Therapeutic X-ray, and Other X-ray Apparatus and Tubes; Electromedical and Electrotherapeutic Apparatus.—Establishments primarily engaged in manufacturing radiographic X-ray, fluoroscopic X-ray, and therapeutic X-ray apparatus and tubes for medical, industrial, research, and control applications. This industry also includes establishments primarily engaged in manufacturing electromedical and electrotherapeutic apparatus except electrotherapeutic lamp units for ultraviolet and infra-red radiation (industry 3641). Establishments primarily engaged in manufacturing radio receiving type tubes are classified in industry 3671; television receiving cathode ray tubes in industry 3672; and transmitting tubes in industry 3673.

- 3694 Electrical Equipment for Internal Combustion Engines.—Establishments primarily engaged in manufacturing electrical equipment for internal combustion engines. Important products of this industry include starting motors, alternators, and generators for automobiles and aircraft; and ignition apparatus for internal combustion engines including spark plugs, magnetos, coils, and distributors.

- 3699 Electrical Machinery Equipment, and Supplies, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing electrical machinery, equipment, and supplies, not elsewhere classified.

## **37 TRANSPORTATION EQUIPMENT**

This major group includes establishments engaged in manufacturing equipment for transportation of passengers and cargo by land, air, and water. Important products produced by establishments classified in this major group include motor vehicles, aircraft, ships, boats, railroad equipment, and miscellaneous transportation equipment such as motorcycles, bicycles, and horse drawn vehicles.

### **371 MOTOR VEHICLES AND MOTOR VEHICLE EQUIPMENT**

- 3711 Motor Vehicles.—Establishments primarily engaged in manufacturing or assembling complete passenger automobiles, trucks, commercial cars and busses (except trackless trolleys—industry 3742), special purpose motor vehicles and passenger car bodies (SIC 3712). Such establishments may also manufacture motor vehicle parts, but establishments primarily engaged in manufacturing motor vehicle parts and which are not engaged in manufacturing complete motor vehicles are classified in industry 3714. Establishments primarily engaged in manufacturing truck and bus bodies and assembling them on purchased chassis are classified in industry 3713; motorcycles in industry 3751; wheel tractors, except contractors' off-highway types, in industry 3522; tracklaying and contractors' off-highway tractors in industry 3531; and combat tanks in industry 1931.
- 3713 Truck and Bus Bodies.—Establishments primarily engaged in manufacturing truck and bus bodies, for



sale separately or for assembly on purchased chassis. Establishments primarily engaged in manufacturing complete trucks and busses are classified in industry 3711, and stamped body parts for trucks and busses in industry 3461.

**3714** Motor Vehicle Parts and Accessories.—Establishments primarily engaged in manufacturing motor vehicle parts and accessories, but not engaged in manufacturing complete motor vehicles. Establishments primarily engaged in manufacturing or assembling complete automobiles and trucks are classified in industry 3711, tires and tubes in industry 3011, automobile glass in Major Group 32, automobile stampings in industry 3461, vehicular lighting equipment in industry 3642, ignition systems in industry 3694, and storage batteries in industry 3691.

**3715** Truck Trailers (Full).—Establishments primarily engaged in manufacturing truck trailers and truck trailer chassis for sale separately, but not engaged in manufacturing complete trucks and busses.

### **372 AIRCRAFT AND PARTS**

**3721** Aircraft.—Establishments primarily engaged in manufacturing or assembling complete aircraft. This industry also includes establishments primarily engaged in factory type aircraft modification on a contract or fee basis. Establishments primarily engaged in manufacturing engines, propellers, and other aircraft parts and auxiliary equipment are classified in industries 3722, 3723, and 3729.

**3722** Aircraft Engines and Engine Parts.—Establishments primarily engaged in manufacturing aircraft engines and engine parts.

**3729** Aircraft Parts and Auxiliary Equipment, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing aircraft parts and auxiliary equipment, not elsewhere classified. Establishments primarily engaged in manufacturing or assembling complete aircraft are classified in industry 3721, aircraft engines and parts in industry 3722, propellers and propeller parts in 3723, aeronautical instruments in industry 3811, and aeronautical electrical equipment in industry 3694.

### **373 SHIP AND BOAT BUILDING AND REPAIRING**

**3731** Ship Building and Repairing.—Establishments primarily engaged in building and repairing all types of ships, barges, and lighters, whether propelled by sail or motor power or towed by other craft. This industry also includes the conversion and alteration of ships. Establishments primarily engaged in fabricating structural assemblies or components for ships or subcontractors engaged in ship painting, joinery, carpentry work, electrical wiring installation, etc., are not classified in this industry.

**3732** Boat Building and Repairing.—Establishments primarily engaged in building and repairing all types of boats, except rubber boats (industry 3069). Establishments primarily engaged in cleaning and storing boats and in the rental of dock space, and yacht clubs are classified in nonmanufacturing industries.

### **374 RAILROAD EQUIPMENT**

**3741** Locomotives and Parts.—Establishments primarily engaged in building and rebuilding locomotives (including frames and parts, not elsewhere classified) of any type or gauge. Railroad shops rebuilding and repairing locomotives, or building new locomotives, are classified in Major Group 40.

**3742** Railroad and Street Cars.—Establishments primarily engaged in building and rebuilding railroad, street, and rapid transit cars and car equipment for operation on rails for freight and passenger service. This industry also includes establishments primarily engaged in manufacturing trackless trolley busses. Establishments primarily engaged in manufacturing mining cars are classified in industry 3532. Repair shops, owned and operated by railroads or local transit companies, rebuilding or repairing cars, or building new cars for their own account, are classified in Major Groups 40 and 41.

### **375 MOTORCYCLES, BICYCLES, AND PARTS**

**3751** Motorcycles, Bicycles, and Parts.—Establishments primarily engaged in manufacturing motorcycles, bicycles, and similar equipment and parts. Establishments primarily engaged in assembling motorcycles or bicycles from purchased parts are also included in this industry. Establishments primarily engaged in manufacturing children's vehicles, except bicycles, are classified in industry 3943.

### **379 MISCELLANEOUS TRANSPORTATION EQUIPMENT**

**3791** Trailer Coaches.—Establishments primarily engaged in manufacturing trailer coaches (mobile dwellings) for attachment to passenger cars, and pickup coaches (campers) for mounting on pickup trucks.

**3799** Transportation Equipment, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing transportation equipment, not elsewhere classified. Establishments primarily engaged in manufacturing industrial trucks, tractors, trailers, and stackers are classified in industry 3537, and children's vehicles, except bicycles, in industry 3943.

## **38 PROFESSIONAL, SCIENTIFIC, AND CONTROLLING INSTRUMENTS; PHOTOGRAPHIC AND OPTICAL GOODS; WATCHES AND CLOCKS**

This major group includes establishments engaged in manufacturing mechanical measuring, engineering, laboratory, and scientific research instruments; optical instruments and lenses; surgical, medical, and dental instruments, equipment, and supplies; ophthalmic goods; photographic equipment and supplies; and watches and clocks. Establishments primarily engaged in manufacturing instruments for indicating, measuring, and recording electrical quantities and characteristics are classified in industry 3611.

**381 ENGINEERING, LABORATORY, AND SCIENTIFIC AND RESEARCH INSTRUMENTS AND ASSOCIATED EQUIPMENT**

3811 Engineering, Laboratory, and Scientific and Research Instruments and Associated Equipment.—Establishments primarily engaged in manufacturing laboratory, scientific, and engineering instruments such as nautical, navigational, aeronautical, surveying, drafting, and instruments for laboratory work and scientific research (except optical instruments—industry 3831). Establishments primarily engaged in manufacturing surgical and medical instruments are classified in industry 3841; dental instruments and equipment in industry 3843; mechanical measuring and controlling instruments in industry 3821; machinists' precision measuring tools in industry 3545; instruments for indicating, measuring, and recording electrical quantities and characteristics in industry 3611; watches and clocks in industry 3871; and measuring and dispensing pumps in industry 3586.

**382 INSTRUMENTS FOR MEASURING, CONTROLLING, AND INDICATING PHYSICAL CHARACTERISTICS**

3821 Mechanical Measuring and Controlling Instruments, Except Automatic Temperature Controls.—Establishments primarily engaged in manufacturing industrial process instruments, for indicating, recording, measuring and controlling temperature (except automatic temperature controls, industry 3822), pressure and vacuum, fluid flow and liquid level, mechanical motion, rotation, humidity, density, acidity, alkalinity, and combustion; dial pressure gauges; physical property testing apparatus such as hardness, tension, compression, torsion, ductility, and elasticity testing apparatus.

3822 Automatic Temperature Controls.—Establishments primarily engaged in manufacturing automatic temperature controls activated by pressure, temperature, level, flow, time, or humidity (including pneumatic controls) of the type principally used as components of air conditioning, refrigeration, and comfort heating, or as components of household appliances. Establishments primarily engaged in manufacturing industrial electric controls are classified in industry 3622.

**383 OPTICAL INSTRUMENTS AND LENSES**

3831 Optical Instruments and Lenses.—Establishments primarily engaged in the production of optical lenses and prisms, and in manufacturing optical instruments such as microscopes, telescopes, field and opera glasses; and optical measuring and testing instruments such as refractometers, spectrometers, spectroscopes, colorimeters, polariscopes. Establishments primarily engaged in manufacturing eyeglass lenses, frames, or fittings are classified in industry 3851; and those engaged in manufacturing sighting and fire control instruments, but not engaged in manufacturing optical components, in industry 1941.

**384 SURGICAL, MEDICAL, AND DENTAL INSTRUMENTS AND SUPPLIES**

3841 Surgical and Medical Instruments and Apparatus.—Establishments primarily engaged in manufacturing medical, surgical, ophthalmic, and veterinary instruments and apparatus. Establishments primarily engaged in manufacturing surgical and orthopedic appliances are classified in industry 3842; and electrotherapeutic, electromedical, and X-ray apparatus in industry 3693.

3842 Orthopedic, Prosthetic, and Surgical Appliances and Supplies.—Establishments primarily engaged in manufacturing orthopedic, prosthetic, and surgical appliances and supplies, arch supports, and other foot appliances; fracture appliances, elastic hosiery, abdominal supporters, braces, and trusses; bandages; surgical gauze and dressings; sutures; adhesive tapes and medicated plasters; and personal safety appliances and equipment. Establishments primarily engaged in manufacturing surgical and medical instruments are classified in industry 3841. Establishments primarily engaged in manufacturing appliances and in the personal fitting to the individual prescription of a physician are classified in trade industries.

3843 Dental Equipment and Supplies.—Establishments primarily engaged in manufacturing artificial teeth, dental metals, alloys and amalgams, and a wide variety of equipment, instruments, and supplies used by dentists, dental laboratories, and dental colleges. Dental laboratories constructing artificial dentures, bridges, inlays and other dental restorations on specifications from dentists are classified in industry 8072.

**385 OPHTHALMIC GOODS**

3851 Ophthalmic Goods.—Establishments primarily engaged in manufacturing ophthalmic frames, lenses, and sunglass lenses. Establishments primarily engaged in manufacturing slit lamps are classified in industry 3841, and molded glass blanks in industry 3229. Establishments primarily engaged in grinding lenses and fitting glasses to prescription are classified in trade.

**386 PHOTOGRAPHIC EQUIPMENT AND SUPPLIES**

3861 Photographic Equipment and Supplies.—Establishments primarily engaged in manufacturing (1) photographic apparatus, equipment, parts, attachments, and accessories, such as still and motion picture cameras and projection apparatus; photocopy and microfilm equipment; blueprinting and diazotype (white printing) apparatus and equipment; and other photographic equipment; and (2) sensitized film, paper, cloth, and plates, and prepared photographic chemicals for use therewith. Establishments primarily engaged in manufacturing photographic paper stock (unsensitized), and paper mats, mounts, easels and folders for photographic use are classified in Major Group 26; photographic lenses in industry 3831; photographic glass in Major Group 32; chemicals for technical purposes, not specifically prepared and packaged for use in photography, in Major Group 28; and photographic



flash, flood enlarger and projection lamps in industry 3641.

### **387 WATCHES, CLOCKS, CLOCKWORK OPERATED DEVICES, AND PARTS**

**3871** Watches, Clocks, Clockwork Operated Devices, and Parts Except Watchcases.—Establishments primarily engaged in manufacturing clocks (including electric), watches, mechanisms for clockwork operated devices, and clock and watch parts. This industry includes establishments primarily engaged in assembling clocks and watches from purchased movements and cases. Establishments primarily engaged in manufacturing watchcases are classified in industry 3872, glass crystals in industry 3231, and unbreakable crystals in industry 3079.

**3872** Watchcases.—Establishments primarily engaged in manufacturing watchcases.

## **39 MISCELLANEOUS MANUFACTURING INDUSTRIES**

This major group includes establishments primarily engaged in manufacturing products not classified in any other manufacturing major group. Industries in this group fall into the following categories: Jewelry, silverware and plated ware; musical instruments; toys, sporting and athletic goods; pens, pencils, and other office and artists' materials; buttons, costume novelties, miscellaneous notions; brooms and brushes; morticians' goods, and other miscellaneous manufacturing industries.

### **391 JEWELRY, SILVERWARE AND PLATED WARE**

**3911** Jewelry, Precious Metal.—Establishments primarily engaged in manufacturing jewelry and other articles worn on or carried about the person, made of precious metals with or without stones (including the setting of stones where used), including cigarette cases and lighters, vanity cases and compacts; trimmings for umbrellas and canes; and jewel settings and mountings. Establishments primarily engaged in manufacturing costume jewelry from nonprecious metals and other materials are classified in industry 3961.

**3912** Jewelers' Findings and Materials.—Establishments primarily engaged in manufacturing unassembled jewelry parts, and stock shop products such as sheet, wire, and tubing. Establishments primarily engaged in lapidary work are classified in industry 3913.

**3913** Lapidary Work.—Establishments of lapidaries primarily engaged in cutting, slabbing, tumbling, carving, engraving, polishing, or faceting stones from natural or manmade precious or semiprecious gem raw materials, either for sale or on a contract basis for the trade; in recutting, repolishing, and setting gem stones; or in cutting, drilling, and otherwise preparing jewels for instruments, dies, watches, chronometers, and other industrial uses. This industry includes the drilling, sawing, and peeling of real or cultured pearls, but does not include the manufacture of artificial pearls (industry 3961).

**3914** Silverware, Plated Ware, and Stainless Steelware.—Establishments primarily engaged in manufacturing flatware (including knives, forks, and spoons), hollowware, toiletware, ecclesiastical ware, and related products made of sterling silver; of metal plated with silver, gold, or other metal; of nickel silver; of pewter; or of stainless steel.

### **393 MUSICAL INSTRUMENTS**

**3931** Musical Instruments.—Establishments primarily engaged in manufacturing pianos, with or without player attachments; organs; other musical instruments; and parts and materials for musical instruments.

### **394 TOYS, AMUSEMENT, SPORTING AND ATHLETIC GOODS**

**3941** Games and Toys, Except Dolls and Children's Vehicles.—Establishments primarily engaged in manufacturing indoor games and game sets for adults and children, and mechanical and nonmechanical toys. Important products of this industry include games such as chess, checkers, dominoes, puzzles, and other indoor games; and toys, such as toy furniture, doll carriages and carts, construction sets, mechanical trains, toy guns and air rifles, and other mechanical games and toys. Establishments primarily engaged in manufacturing dolls are classified in industry 3942; children's outdoor wheel goods and vehicles, except bicycles, in industry 3943; and sporting and athletic goods for children and adults in industry 3949.

**3942** Dolls.—Establishments primarily engaged in manufacturing dolls, doll parts, and doll clothing. Establishment primarily engaged in manufacturing stuffed toy animals are also included in this industry.

**3943** Children's Vehicles, Except Bicycles.—Establishments primarily engaged in manufacturing baby carriages, strollers, and gocarts; children's velocipedes and tricycles, coaster wagons, play cars, sleds, and other children's outdoor wheel goods and vehicles, except bicycles (industry 3751).

**3949** Sporting and Athletic Goods, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing sporting and athletic goods, not elsewhere classified, such as fishing tackle; golf and tennis goods; baseball, football, basketball, and boxing equipment; roller skates and ice skates; gymnasium and playground equipment; billiard and pool tables; and bowling alleys and equipment. Establishments primarily engaged in manufacturing athletic apparel are classified in Major Group 23, small arms ammunition in industry 1961, and firearms in industry 1951.

### **395 PENS, PENCILS, AND OTHER OFFICE AND ARTISTS' MATERIALS**

**3951** Pens, Penpoints, Fountain Pens, Ball Point Pens, Mechanical Pencils, and Parts.—Establishments primarily engaged in manufacturing pens, penpoints, fountain pens, ball point pens, refill cartridges, and parts for pens and mechanical pencils.



- 952 Lead Pencils, Crayons, and Artists' Materials.—Establishments primarily engaged in manufacturing lead pencils, pencil leads, and crayons; materials and equipment for art work, such as airbrushes, drawing tables and boards, palettes, sketch boxes, pantographs, artists' colors and waxes, pyrography goods, drawing inks, and drafting materials. Establishments primarily engaged in manufacturing mechanical pencils are classified in industry 3951, and drafting instruments in industry 3811.
- 3953 Marking Devices.—Establishments primarily engaged in manufacturing rubber and metal hand stamps, dies, and seals; steel letters and figures; and stencils for use in painting or marking.
- 3955 Carbon Paper and Inked Ribbons.—Establishments primarily engaged in manufacturing carbon paper for business machines, sales books, etc.; spirit or gelatin process and other stencil paper; and inked ribbons for business machines.
- 396 COSTUME JEWELRY, COSTUME NOVELTIES, BUTTONS, AND MISCELLANEOUS NOTIONS, EXCEPT PRECIOUS METAL
- 3961 Costume Jewelry and Costume Novelties, Except Precious Metal.—Establishments primarily engaged in the manufacturing of costume jewelry, costume novelties, and ornaments made of all materials, except precious metal, precious or semiprecious stones, and rolled gold plate and gold filled materials (industry 3911).
- 3962 Feathers, Plumes, and Artificial Flowers.—Establishments primarily engaged in manufacturing artificial flowers, fruits, and foliage made from all materials except glass (industry 3231); in producing fancy feathers, plumes, and articles made principally of feathers and plumes; and curling, dyeing, and renovating ostrich feathers for the trade.
- 3963 Buttons.—Establishments primarily engaged in manufacturing buttons, button parts, and button blanks and molds, of all materials except precious metal and precious or semiprecious stones (industry 3911).
- 3964 Needles, Pins, Hooks and Eyes, and Similar Notions.—Establishments primarily engaged in manufacturing notions, such as machine and hand needles, pins, hooks and eyes, eyelets, buckles, and slide and snap fasteners.
- 399 MISCELLANEOUS MANUFACTURING INDUSTRIES
- 3991 Brooms and Brushes.—Establishments primarily engaged in manufacturing household, industrial, and street sweeping brooms; and brushes, such as paint brushes, toothbrushes, toilet brushes, and household and industrial brushes.
- 3993 Signs and Advertising Displays.—Establishments primarily engaged in manufacturing electrical, mechanical, cutout, or plate signs and advertising displays, including neon signs and advertising novelties. Sign painting shops doing business on a custom basis are classified in industry 7399. Establishments primarily engaged in manufacturing electric signal equipment are classified in industry 3662, and lighting fixtures in industry 3642.
- 3994 Morticians' Goods.—Establishments primarily engaged in manufacturing caskets, coffins, burial cases, and coffin shipping cases, whether of wood or other material except concrete (industry 3272); morticians' supplies and accessories, such as burial garments, gloves, slippers, casket linings, and embalming fluids; and morticians' paraphernalia and equipment.
- 3996 Linoleum, Asphalted-Felt-Base, and Other Hard Surface Floor Coverings, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing linoleum, asphalted-felt-base, and other hard surface coverings, not elsewhere classified. Establishments primarily engaged in manufacturing rubber floor coverings are classified in industry 3069, and cork floor and wall tile in industry 2499.
- 3999 Manufacturing Industries, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing miscellaneous fabricated products, including beauty shop and barber shop equipment; hair work; tobacco pipes and cigarette holders; coin-operated amusement machines; matches; candles; lamp shades; dressed and dyed furs; umbrellas; parasols and canes; and other articles, not elsewhere classified.
- 19 ORDNANCE AND ACCESSORIES
- This major group includes establishments engaged in manufacturing artillery, small arms, and related equipment; ammunition, complete guided missiles, tanks and specialized tank parts, sighting and fire control equipment, and miscellaneous ordnance and accessories, n.e.c.
- 191 GUNS, HOWITZERS, MORTARS, AND RELATED EQUIPMENT
- 1911 Guns, Howitzers, Mortars, and Related Equipment.—Establishments primarily engaged in manufacturing naval, aircraft, antiaircraft, tank, coast, and field artillery having a bore over 30 mm. (or over 1.18 inch), and components. Establishments primarily engaged in manufacturing small arms and parts 30 mm. (or 1.18 inch) and below are classified in industry 1951.
- 192 AMMUNITION, EXCEPT FOR SMALL ARMS
- 1925 Guided Missiles and Space Vehicles, Completely Assembled.—Establishments primarily engaged in manufacturing completely assembled guided missiles and space vehicles. Establishments primarily engaged in manufacturing guided missile and space vehicle engines and engine parts are classified in industry 3722; space satellite, and guided missile and space vehicle airborne and ground guidance, check-out and

launch electronic systems and components in industry 3662; and guided missile and space vehicle airframes, nose cones, and space capsules in industry 3729.

- 1929 **Ammunition, Except for Small Arms, Not Elsewhere Classified.**—Establishments primarily engaged in manufacturing ammunition, not elsewhere classified, or in loading and assembling ammunition over 30 mm. (or over 1.18 inch) for naval, aircraft, antiaircraft, tank, coast, and field artillery; including component parts. This industry also includes establishments primarily engaged in manufacturing bombs, mines, torpedoes, grenades, depth charges, chemical warfare projectiles, and their component parts. Establishments primarily engaged in manufacturing small arms ammunition are classified in industry 1961; explosives in industry 2892; and military pyrotechnics in industry 2899.

### 193 TANKS AND TANK COMPONENTS

- 1931 **Tanks and Tank Components.**—Establishments primarily engaged in manufacturing or assembling complete tanks, and specialized components for tanks. Establishments primarily engaged in manufacturing military vehicles other than tanks are classified in Group 371, and tank engines in industry 3519.

### 194 SIGHTING AND FIRE CONTROL EQUIPMENT

- 1941 **Sighting and Fire Control Equipment.**—Establishments primarily engaged in manufacturing sighting and fire control equipment, but which are not engaged in manufacturing optical lenses and prisms. Important products of this industry include bomb

sights, percentage correctors, wind correctors, directors, and sound locators. Establishments engaged in manufacturing optical lenses and prisms, and also manufacturing sighting and fire control equipment, are classified in industry 3831, and computers and computer systems in industry 3573.

### 195 SMALL ARMS

- 1951 **Small Arms.**—Establishments primarily engaged in manufacturing small firearms having a bore 30 mm. (or 1.18 inch) and below, and parts for small firearms. Also included in this industry are establishments primarily engaged in manufacturing certain weapons over 30 mm. which are carried and employed by the individual, such as grenade launchers and heavy field machine guns. Establishments primarily engaged in manufacturing artillery and mortars having a bore over 30 mm. (or over 1.18 inch), and component parts, are classified in industry 1911.

### 196 SMALL ARMS AMMUNITION

- 1961 **Small Arms Ammunition.**—Establishments primarily engaged in manufacturing ammunition for small arms having a bore of 30 mm. (or 1.18 inch) and below. Establishments primarily engaged in manufacturing ammunition, except for small arms, are classified in group 192, blasting and detonating caps and safety fuses in industry 2892, and fireworks in industry 2899.

### 199 ORDNANCE AND ACCESSORIES, NOT ELSEWHERE CLASSIFIED

- 1999 **Ordnance and Accessories, Not Elsewhere Classified.**—Establishments primarily engaged in manufacturing ordnance and accessories, not elsewhere classified.



# Appendix C

## COMPOSITION OF INDUSTRIES IN THE 1967 STANDARD INDUSTRIAL CLASSIFICATION

The censuses of manufactures for 1967 and 1963 covered all establishments engaged in manufacture as defined, respectively, in the **Standard Industrial Classification Manual (SIC)**, 1967 edition, and 1957 edition, as amended, issued by the Bureau of the Budget. The 1967 edition contained minor revisions in the SIC Manual for the manufacturing industries additional to those issued between 1957 and 1963.

Most of the manufacturing industries as defined in 1963 remained, without change, for 1967. In view of the minor nature of the revision, this appendix cites only those

industries affected by a revision between 1963 and 1967. Presented in two parts, this appendix lists, in part 1, the industries as defined for 1967 in terms of their 1963 equivalents and, in part 2, the industries of 1963 in terms of their 1967 equivalents. No data for either year are presented. Comparability between the two census years is such that data from one year may be readily compared to data in the other year by making the industry combinations shown below. Titles of industries for either year are as published in the respective Census volumes for 1967 and 1963.

### Part 1. Comparability of 1967 SIC Industries to 1963 SIC Industries, Where Revisions Occurred to 1963 Industries

Industry code	1967 title	Industry code	1963 title
2815	Cyclic intermediates and crudes	2814 2815	Cyclic (coal tar) crudes Intermediate coal tar products
3573 3574	Electronic computing equipment Calculating and accounting machines	3571	Computing and related machines
3711 <sup>1</sup> 3714	Motor vehicles Motor vehicle parts and accessories	3717 <sup>2</sup>	Motor vehicles and parts
3729 <sup>3</sup>	Aircraft equipment, n.e.c.	3723 3729	Aircraft propellers and parts Aircraft equipment, n.e.c.
3991	Brooms and brushes	3981	Brooms and brushes
3994	Morticians' goods	3988	Morticians' goods
3996	Hard surface floor coverings	3982	Hard surface floor coverings
3999	Manufactures, n.e.c.	3983 3984 3987 3992 3995 3999	Matches Candles Lampshades Furs, dressed and dyed Umbrellas, parasols, and canes Miscellaneous products, n.e.c.

<sup>1</sup>Bureau of the Census combination of SIC industries 3711, Motor Vehicles, and 3712, Passenger Car Bodies.

<sup>2</sup>Bureau of the Census combination of SIC industries 3711, Motor Vehicles; 3712, Passenger Car Bodies; and 3714, Motor Vehicle Parts and Accessories.

<sup>3</sup>Bureau of the Census combination of SIC industries 3723, Aircraft Propellers and Parts, and 3729, Aircraft Equipment, N.E.C.



## Part 2. Comparability of 1963 SIC Industries to 1967 SIC Industries, Where Revisions Occurred to 1963 Industries

Industry code	1963 title	Industry code	1967 title
2814 2815	Cyclic (coal tar) crudes Intermediate coal tar products	2815	Cyclic intermediates and crudes
3571	Computing and related machines	3573 3574	Electronic computing equipment Calculating and accounting machines
3717 <sup>2</sup>	Motor vehicles and parts	3711 <sup>1</sup> 3714	Motor vehicles Motor vehicle parts and accessories
3723 3729	Aircraft propellers and parts Aircraft equipment, n.e.c.	3729 <sup>3</sup>	Aircraft equipment, n.e.c.
3981	Brooms and brushes	3991	Brooms and brushes
3982	Hard surface floor coverings	3996	Hard surface floor coverings
3988	Morticians' goods	3994	Morticians' goods
3983 3984 3987 3992 3995 3999	Matches Candles Lampshades Furs, dressed and dyed Umbrellas, parasols, and canes Miscellaneous products, n.e.c.	3999	Manufactures, n.e.c.

<sup>1</sup>Bureau of the Census combination of SIC industries 3711, Motor Vehicles, and 3712, Passenger Car Bodies.

<sup>2</sup>Bureau of the Census combination of SIC industries 3711, Motor Vehicles; 3712, Passenger Car Bodies; and 3714, Motor Vehicle Parts and Accessories.

<sup>3</sup>Bureau of the Census combination of SIC industries 3723, Aircraft Propellers and Parts, and 3729, Aircraft Equipment, N.E.C.

## Appendix D

### REPORTING FORMS

This appendix contains reproductions of a representative selection of the reporting forms used in the 1967 economic censuses, with emphasis on the Census of Manufactures. The uses of each of them is described in the Introduction, Section 7.

FORM  
(6-2-66) NC-X1AU.S. DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS

## 1967 REPORT OF COMPANY ORGANIZATION

**NOTICE** - Response to this inquiry is required by law (Title 13 U.S. Code). By the same law, your report to the Census Bureau is confidential. It may be seen only by sworn Census employees and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.

In correspondence pertaining  
to this report please refer to →

CENSUS FILE NO.

Complete this report within 20 days of receipt

and

RETURN TO

Bureau of the Census  
Jeffersonville, Indiana 47130

Please Read Instructions Before Completing Report

## Item 2A - COMPANY OWNERSHIP AND CONTROL

Is the firm named in Item 1 owned or controlled by another domestic company?

☐ YES☐ NO

If "YES," give name and address of owning or controlling company:

Item 1 - Name and address (Please correct any errors)

Item 2B - Does the firm named in Item 1 own or control any subsidiaries?

☐ YES - If "YES," be sure to include the required information in this report for ALL subsidiaries.☐ NO - If "NO," report only for firm named in Item 1.

**Item 3A - COMPANY ORGANIZATION** - Listed in column (a) are the Employer Identification Numbers assigned to the firm named in Item 1 and to the subsidiaries it owns or controls, based on our records. Please BRING THIS LIST UP TO DATE by additions, corrections, and deletions. In column (b), enter name and address of main office or principal place of business for each Employer Identification Number. Be sure to include ALL E.I. numbers assigned, both active and inactive. IF MORE SPACE IS NEEDED FOR ADDITIONAL E.I. NUMBERS, USE ITEM 3B ON REVERSE SIDE.

Employer Identification Number (a)	Name and address of main office or principal place of business (For E.I. numbers you DELETE, please explain) (b)

**Item 4A - LISTING OF YOUR DOMESTIC ESTABLISHMENTS (based on our records)** - Please bring this list up to date by deleting establishments not operated by this firm or its subsidiaries in 1967; correcting establishment names, addresses (should be PHYSICAL LOCATIONS), and E.I. numbers, as necessary; and listing in Item 4B on the REVERSE SIDE all additional establishments now in operation or expected to be in operation at any time during 1967.

Line No.	Establishment NAME, ADDRESS of physical location, and Employer Identification Number (E.I.) (a)	CORRECTIONS AND REMARKS (Enter ZIP code of physical location, if known) (b)	Census establishment file number and codes (c)
	Employer Identification No. →		
	Employer Identification No. →		
	Employer Identification No. →		
	Employer Identification No. →		
	Employer Identification No. →		
	Employer Identification No. →		
	Employer Identification No. →		
	Employer Identification No. →		
	Employer Identification No. →		

PLEASE COMPLETE REVERSE SIDE OF THIS REPORT, INCLUDING "CERTIFICATION"



## Form NC-XIA--Continued

**Item 3B - COMPANY ORGANIZATION** - Your listing of ALL additional Employer Identification Numbers not listed in Item 3A and currently assigned to your firm and its subsidiaries (both active and inactive). If additional spaces are needed, please use a sheet of paper labeled "Item 3, Continuation Sheet," identify with your name, address, and Census File Number, and attach to this report.

Employer Identification Number (a)	Name and address of main office or principal place of business (b)

**ITEM 4B - YOUR LISTING OF ADDITIONAL DOMESTIC ESTABLISHMENTS** - List below ALL domestic establishments of your firm and its subsidiaries not listed in Item 4A. Include those acquired by you through purchase, lease, construction, or other methods of acquisition; include those now in operation or expected to be in operation at any time during 1967. (For manufacturing and minerals additions, report former owner or operator, if any.) Each additional establishment should be listed on a SEPARATE LINE. (For exceptions, PLEASE READ INSTRUCTIONS.)

Establishment NAME, (your store or plant number, if any) ADDRESS of physical location, and Employer Identification Number (E.I.) (Enter ZIP code of physical location, if known) (a)	Kind of business activity		Approximate number of employees Mark (X) one (d)	FOR CENSUS USE (e)
	Major activity of establishment Mark (X) one (b)	List in order of importance the principal products made, lines of merchandise sold, types of services rendered, or construction activity performed. (c)		
Enter Employer Identification Number (9 digits) → - - - - -	<input type="checkbox"/> Manufacturing <input type="checkbox"/> Construction <input type="checkbox"/> Minerals extraction <input type="checkbox"/> Retail trade <input type="checkbox"/> Wholesale trade <input type="checkbox"/> Manufacturers sales branch or office <input type="checkbox"/> Administrative office <input type="checkbox"/> Other - Specify →		2 <input type="checkbox"/> Under 10 3 <input type="checkbox"/> 10-19 4 <input type="checkbox"/> 20-49 5 <input type="checkbox"/> 50-99 6 <input type="checkbox"/> 100 or more	
Enter Employer Identification Number (9 digits) → - - - - -	<input type="checkbox"/> Manufacturing <input type="checkbox"/> Construction <input type="checkbox"/> Minerals extraction <input type="checkbox"/> Retail trade <input type="checkbox"/> Wholesale trade <input type="checkbox"/> Manufacturers sales branch or office <input type="checkbox"/> Administrative office <input type="checkbox"/> Other - Specify →		2 <input type="checkbox"/> Under 10 3 <input type="checkbox"/> 10-19 4 <input type="checkbox"/> 20-49 5 <input type="checkbox"/> 50-99 6 <input type="checkbox"/> 100 or more	
Enter Employer Identification Number (9 digits) → - - - - -	<input type="checkbox"/> Manufacturing <input type="checkbox"/> Construction <input type="checkbox"/> Minerals extraction <input type="checkbox"/> Retail trade <input type="checkbox"/> Wholesale trade <input type="checkbox"/> Manufacturers sales branch or office <input type="checkbox"/> Administrative office <input type="checkbox"/> Other - Specify →		2 <input type="checkbox"/> Under 10 3 <input type="checkbox"/> 10-19 4 <input type="checkbox"/> 20-49 5 <input type="checkbox"/> 50-99 6 <input type="checkbox"/> 100 or more	
Enter Employer Identification Number (9 digits) → - - - - -	<input type="checkbox"/> Manufacturing <input type="checkbox"/> Construction <input type="checkbox"/> Minerals extraction <input type="checkbox"/> Retail trade <input type="checkbox"/> Wholesale trade <input type="checkbox"/> Manufacturers sales branch or office <input type="checkbox"/> Administrative office <input type="checkbox"/> Other - Specify →		2 <input type="checkbox"/> Under 10 3 <input type="checkbox"/> 10-19 4 <input type="checkbox"/> 20-49 5 <input type="checkbox"/> 50-99 6 <input type="checkbox"/> 100 or more	
Enter Employer Identification Number (9 digits) → - - - - -	<input type="checkbox"/> Manufacturing <input type="checkbox"/> Construction <input type="checkbox"/> Minerals extraction <input type="checkbox"/> Retail trade <input type="checkbox"/> Wholesale trade <input type="checkbox"/> Manufacturers sales branch or office <input type="checkbox"/> Administrative office <input type="checkbox"/> Other - Specify →		2 <input type="checkbox"/> Under 10 3 <input type="checkbox"/> 10-19 4 <input type="checkbox"/> 20-49 5 <input type="checkbox"/> 50-99 6 <input type="checkbox"/> 100 or more	
Enter Employer Identification Number (9 digits) → - - - - -	<input type="checkbox"/> Manufacturing <input type="checkbox"/> Construction <input type="checkbox"/> Minerals extraction <input type="checkbox"/> Retail trade <input type="checkbox"/> Wholesale trade <input type="checkbox"/> Manufacturers sales branch or office <input type="checkbox"/> Administrative office <input type="checkbox"/> Other - Specify →		2 <input type="checkbox"/> Under 10 3 <input type="checkbox"/> 10-19 4 <input type="checkbox"/> 20-49 5 <input type="checkbox"/> 50-99 6 <input type="checkbox"/> 100 or more	
Enter Employer Identification Number (9 digits) → - - - - -	<input type="checkbox"/> Manufacturing <input type="checkbox"/> Construction <input type="checkbox"/> Minerals extraction <input type="checkbox"/> Retail trade <input type="checkbox"/> Wholesale trade <input type="checkbox"/> Manufacturers sales branch or office <input type="checkbox"/> Administrative office <input type="checkbox"/> Other - Specify →		2 <input type="checkbox"/> Under 10 3 <input type="checkbox"/> 10-19 4 <input type="checkbox"/> 20-49 5 <input type="checkbox"/> 50-99 6 <input type="checkbox"/> 100 or more	

Item 5 - CERTIFICATION  Please COMPLETE form before signing.	Name of person to contact regarding this report		Address (Number, street, city, State, ZIP code)		Telephone Area code    Number    Ext.		Number of continuation sheets returned with this report Item 3    Item 4	
	This report (including attached continuation pages) is substantially accurate and has been prepared in accordance with instructions.		Signature of authorized person		Title		Date	

DUE DATE: 20 DAYS AFTER RECEIPT

Budget Bureau No. 41-66141; Approval Expires December 31, 1967

FORM **NC-X1B**  
(7-13-66)U.S. DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS**1967 REPORT OF COMPANY  
ORGANIZATION**Complete this report within 20 days of  
receipt and return to:Bureau of the Census  
Jeffersonville, Indiana 47130Item 1 - Is this name and address of  
your firm CORRECT? →☐ Yes☐ No

If "No," please correct any errors.

**NOTICE** - Response to this inquiry is required by law (Title 13 U.S. Code). By the same law your report to the Census Bureau is confidential. It may be seen only by sworn Census employees and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.**EMPLOYER IDENTIFICATION NUMBER** →

PLEASE RETURN THIS COPY

Item 2 - Is the Employer Identification Number printed above the SAME as that  
appearing on your latest Quarterly Federal Tax Return, Form 941?☐ Yes☐ No - If "No," please enter the currently assigned  
Employer Identification Number here. →

E. I. Number

Item 3 - Does this firm (designated by the currently  
assigned E.I. Number shown above) operate  
at MORE THAN ONE business location?☐ Yes - If "Yes," complete Items 4A and 4B☐ No - If "No," skip to Item 5Item 4A - How many establishments  
are operated by this firm? . . . . .

Number

Item 4B - Please LIST each of these establishments on  
the REVERSE SIDE of this report in Item 4B.

Item 5 - Does this firm own or control any companies using any OTHER Employer Identification Numbers?

☐ Yes - If "Yes," please list below☐ No

Employer Identification Number

Name and address of main office or principal place of business

Item 6 - Is this firm owned or controlled by ANOTHER company?

☐ Yes - If "Yes," please identify below☐ No

Employer Identification No. (if known)

Name and address of controlling company

Item 7 - CERTIFICATION - Please COMPLETE the report, including REVERSE SIDE (if applicable), before signing.

Name of person to contact regarding this report

Address (Number, street, city, State, ZIP code)

Telephone

Area code

Number

Ext.

This report is substantially accurate and has been prepared in accordance with instructions.

Signature of authorized person

Title

Date

If Item 3 is "Yes," be sure to complete REVERSE SIDE of this report →



**Item 4B** - Please list below ALL domestic establishments operated under your firm's currently assigned Employer Identification Number. Include each establishment now in operation or expected to be in operation at any time during 1967. (If additional space is needed to list all your establishments, please use blank continuation sheets and follow the format on this page. Be sure to enter the Employer Identification Number in the upper right-hand corner of each additional sheet.)

Establishment NAME, ADDRESS of physical location, and Employer Identification Number (E.I.) (Enter ZIP code of physical location, if known) (a)	Kind of business activity		Approximate number of employees Mark (X) one (d)	FOR CENSUS USE
	Major activity of establishment Mark (X) one (b)	List in order of importance the principal products made, lines of merchandise sold, types of services rendered, or construction activity performed (c)		
Enter Employer Identification Number (9 digits) → - - - - -	<input type="checkbox"/> Manufacturing <input type="checkbox"/> Construction <input type="checkbox"/> Minerals extraction <input type="checkbox"/> Retail trade <input type="checkbox"/> Wholesale trade <input type="checkbox"/> Manufacturers sales branch or office <input type="checkbox"/> Administrative office <input type="checkbox"/> Other - Specify →		2 <input type="checkbox"/> Under 10 3 <input type="checkbox"/> 10-19 4 <input type="checkbox"/> 20-49 5 <input type="checkbox"/> 50-99 6 <input type="checkbox"/> 100 or more	
Enter Employer Identification Number (9 digits) → - - - - -	<input type="checkbox"/> Manufacturing <input type="checkbox"/> Construction <input type="checkbox"/> Minerals extraction <input type="checkbox"/> Retail trade <input type="checkbox"/> Wholesale trade <input type="checkbox"/> Manufacturers sales branch or office <input type="checkbox"/> Administrative office <input type="checkbox"/> Other - Specify →		2 <input type="checkbox"/> Under 10 3 <input type="checkbox"/> 10-19 4 <input type="checkbox"/> 20-49 5 <input type="checkbox"/> 50-99 6 <input type="checkbox"/> 100 or more	
Enter Employer Identification Number (9 digits) → - - - - -	<input type="checkbox"/> Manufacturing <input type="checkbox"/> Construction <input type="checkbox"/> Minerals extraction <input type="checkbox"/> Retail trade <input type="checkbox"/> Wholesale trade <input type="checkbox"/> Manufacturers sales branch or office <input type="checkbox"/> Administrative office <input type="checkbox"/> Other - Specify →		2 <input type="checkbox"/> Under 10 3 <input type="checkbox"/> 10-19 4 <input type="checkbox"/> 20-49 5 <input type="checkbox"/> 50-99 6 <input type="checkbox"/> 100 or more	
Enter Employer Identification Number (9 digits) → - - - - -	<input type="checkbox"/> Manufacturing <input type="checkbox"/> Construction <input type="checkbox"/> Minerals extraction <input type="checkbox"/> Retail trade <input type="checkbox"/> Wholesale trade <input type="checkbox"/> Manufacturers sales branch or office <input type="checkbox"/> Administrative office <input type="checkbox"/> Other - Specify →		2 <input type="checkbox"/> Under 10 3 <input type="checkbox"/> 10-19 4 <input type="checkbox"/> 20-49 5 <input type="checkbox"/> 50-99 6 <input type="checkbox"/> 100 or more	

**Item 4C** - Do the establishments listed above (and on continuation sheets, if any) EQUAL the number of establishments indicated in Item 4A?

☐ YES ☐ NO - If "NO," please explain →



FORM NC-X3  
(0300)U.S. DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS

NOTICE - Response to this inquiry is required by law (Title 13, U.S. Code). By the same law, your report to the Census Bureau is confidential. It may be seen only by sworn Census employees and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.

**1967 CENSUSES OF BUSINESS, MANUFACTURES,  
AND MINERAL INDUSTRIES**In correspondence pertaining to this report,  
please refer to this Census File NumberEmployer  
Identification No.**GENERAL SCHEDULE**

NC-X3 (0300)

Return to

Jeffersonville Census Operations Office  
Jeffersonville, Indiana 47130**INTRODUCTORY NOTE**

The Bureau of the Census is now conducting a census of establishments primarily engaged in the types of activities described in item 9 (on the reverse side). However, our records do not contain sufficient information on the kind of business or activity carried on at your establishment. Please complete item 1, Parts A and B below, to provide this information. Then proceed according to the instructions given in Part C (i.e., if you are primarily engaged in one of the business activities described in Part B, boxes 1-29, you are required to complete only item 1, sign the certification in item 12, and return the form in the envelope provided; otherwise, you are required to complete the entire form).

**GENERAL INSTRUCTIONS**

If you operated more than one establishment (or location) under the same Employer Identification Number shown in the address box, this report should include consolidated figures for all locations; in item 11, however, please provide information separately for each location. If your Employer Identification Number was changed from that appearing in the address label, enter the currently assigned Employer Identification Number for this establishment in item 3.

Information provided by you on this report should account for your business activities for the entire year 1967. If book figures are not available, enter your best estimates.

(Please correct if name or address has changed)

**2. NAME AND PHYSICAL LOCATION**

a. Is the name shown in the label the name by which this establishment is known to the public?

☐ Yes ☐ No (If "No," enter trade name above the label.)

b. Is the address in the label -

- (1) ☐ The mail address of your establishment but not the actual physical location.  
(2) ☐ The mail address of your establishment (including number and street) which also is its actual physical location.  
(3) ☐ Neither of the above (e.g., accountant's office).

(NOTE: If you marked box 1 or 3, or number and street are not shown in the label, complete c, d, and e below. If you marked box 2, complete d and e below.)

c. Enter following physical location information

Number and street	City, village, or other place
State	ZIP code

(NOTE: If location cannot be described by number and street, give name or number of highway and approximate distance from nearest town.)

d. Enter name of county in which  
your establishment is located

e. Is your establishment physically located within the boundaries of  
the city, village, or other place specified in the label or in "c"?

☐ Yes ☐ No

**1. KIND OF BUSINESS**

Part A - Describe your kind of business or activity  
during 1967.

Part B - Mark the box or boxes which best describe the  
kind of business or activity in which you were  
primarily engaged during 1967.

**Agriculture, forestry, fishery**

- 1 ☐ Farm or ranch  
2 ☐ Agricultural, horticultural services (e.g., cotton  
ginning; corn shelling; contract grading fruits,  
vegetables)  
3 ☐ Poultry hatchery  
4 ☐ Veterinarian; animal hospital  
5 ☐ Forestry (e.g., timber tracts, forest nursery)  
6 ☐ Fishery

Form NC-X3--Continued

**Transportation** (Do not mark box if business is a travel agency, bus line, public warehouse, or trucking firm.)

- 7 ☐ Railroad  
 8 ☐ Taxicab  
 9 ☐ Water transportation  
 10 ☐ Air transportation  
 11 ☐ Pipeline

**Communication**

- 12 ☐ Telephone or telegraph service  
 13 ☐ Radio or television broadcasting

- 14 ☐ Electric, gas, sanitary services

**Finance, insurance, real estate**

- 15 ☐ Finance (bank; credit agency; security dealer, exchange)  
 16 ☐ Insurance  
 17 ☐ Real estate (except hotel operation, land subdividers and developers, and operative builders)  
 18 ☐ Medical and other health service — doctor, dentist, hospital, etc. (except dental laboratory)

- 19 ☐ Educational service (except barber, beauty, dancing school)

**Nonprofit membership organization**

- 20 ☐ Trade association, board of trade, chamber of commerce  
 21 ☐ Professional membership organization  
 22 ☐ Labor union  
 23 ☐ Civic, social, fraternal association  
 24 ☐ Political organization  
 25 ☐ Religious organization  
 26 ☐ Charitable organization

**Miscellaneous services**

- 27 ☐ Accounting, auditing, bookkeeping  
 28 ☐ Artist, writer, lecturer  
 29 ☐ Government organization  
 30 ☐ Other kind of business or activity

**Part C — Is the kind of business or activity in which this establishment was PRIMARILY ENGAGED in 1967 described in boxes 1–29 above?**

- (1) ☐ Yes (2) ☐ No

If "No," answer all remaining questions on this form. If "Yes," you need not answer the remaining questions, but complete the certification (item 12 on reverse side) and return this form in the envelope provided.

**3. EMPLOYER IDENTIFICATION NUMBER**

Is the Employer Identification (EI) Number printed in the address label the SAME as that used for this establishment on your latest 1967 Employer's Quarterly Tax Return, Treasury Form 941?

- 1 ☐ Yes 2 ☐ No (If "No," enter the currently assigned EI number here (9 digits).) \_\_\_\_\_

**4. LEGAL FORM OF ORGANIZATION OF COMPANY OPERATING THIS ESTABLISHMENT** (Mark ONE box only) X-1

- 1 ☐ Individual proprietor  
 2 ☐ Partnership  
 3 ☐ Corporation (Do NOT mark if any form of cooperative association)  
 4 ☐ Co-op (cooperative association), corporate or noncorporate  
 5 ☐ Other — Specify \_\_\_\_\_

**5. PERIOD OPERATED IN 1967** X-2

a. Was this establishment in business at the end of 1967?

- 1 ☐ Yes 2 ☐ No

(NOTE: For establishments which were inactive during December 1967 due to seasonal or part-time operations answer "Yes," unless the establishment was not owned by you at the end of the year.)

b. How many months during 1967 did you own this establishment?

Months

X-3

**6. CLASS OF CUSTOMER** X-4

Mark the box which indicates the class of customer accounting for more than half of your entry in item 8a. If **no one** class accounts for more than half, indicate the approximate percentage next to each box.

- 1 ☐ \_\_\_\_\_ % General public (household consumers, farmers, individuals)  
 2 ☐ \_\_\_\_\_ % Construction and building trade contractors  
 3 ☐ \_\_\_\_\_ % Other business firms, government, institutions  
 4 ☐ \_\_\_\_\_ % Other — Specify \_\_\_\_\_

**7. METHOD OF SELLING** X-5

Mark only the ONE box which describes your principal method of selling

- 1 ☐ Selling at this establishment  
 2 ☐ Mail order (catalog selling)  
 3 ☐ House-to-house (direct selling)  
 4 ☐ Operating merchandise vending machines



## 8. DOLLAR VOLUME OF BUSINESS AND ANNUAL PAYROLL DURING 1967

Page 2

**Line a** - Sales of merchandise and other receipts from customers after deducting returns, allowances, and discounts.

**include** all sales of merchandise (whether or not payment was received in 1967); all other receipts from customers for services, including repair, maintenance, delivery, and installation charges; all receipts from carrying charges or other charges for credit.

**Do not include** income from investments; commissions from vending machine operators; receipts from sale or rental of real estate, unless you are an operative or merchant builder (item 9, box 4 below).

**Do not deduct** trade-in allowances from sales.

**Line e - PAYROLL** - **Include** all salaries, wages, commissions, bonuses, vacation allowances, and the value of payments in kind such as goods, lodging, food, and clothing. Include tips, gratuities, etc., received by your employees from others. Do not include payments to (or withdrawals by) owners or partners of unincorporated businesses.

**a. Sales of merchandise and other receipts from customers** . . . . .

Dollars Cents Key

\$ XX X-6

**b. Does the entry in "a" include sales and excise taxes collected from customers?**

1 ☐ Yes2 ☐ No

X-7

**c. If "No," how much did you forward to Federal, State, and local taxing agencies for such taxes?** . . . . .

Dollars Cents

\$ XX X-8

**d. Of the amount in line "a," what percent was for products manufactured by you at this location?** . . . . .

Percent

Dollars Cents

**e. Total annual payroll in 1967 before deductions**

\$ XX X-9\*

## 9. KIND OF BUSINESS GROUP

1-XXXX

1-5\*

**Part A** - Mark only the ONE box for the group in which your kind of business fits best.

1 ☐ **Mining** - Extracting or quarrying minerals (metallic and non-metallic ores; stone, sand, gravel; oil and gas; coal; etc.) minerals exploration and development; contract mineral services

**Construction**

2 ☐ General contractor (buildings, roads, etc.)

3 ☐ Special trade contractor (painting, carpentry, plumbing, etc.)

4 ☐ Operative or merchant builder; land subdivider and developer

5 ☐ **Manufacturing** - Fabricating, assembling, or processing materials into new products. Also includes such activities as: apparel jobbing, machine shop repair, and miscellaneous services "for the manufacturing trade"

6 ☐ **Public warehousing and storage**

**Wholesale trade** - Selling merchandise to retailers; to industrial, commercial, professional, institutional users; and to government

7 ☐ Merchant wholesaler

8 ☐ Merchandise agent or broker

9 ☐ Other type of wholesaler - Specify \_\_\_\_\_

10 ☐ **Retail trade** - Selling merchandise to the general public; also, eating and drinking places, gasoline service stations

**Selected services**

11 ☐ Hotel, motel, tourist court, recreation camp

12 ☐ Laundry, barber shop, or other services to individuals

13 ☐ Advertising or other services to businesses

14 ☐ Repair service (autos, equipment, etc.)

15 ☐ Amusement, recreation place

16 ☐ Law firm


17 ☐ Engineering and architectural firm

18 ☐ Travel agency

19 ☐ Dental laboratory

20 ☐ Trucking firm

21 ☐ Bus line (including charter)

22 ☐ **Other kind of business** - Specify 

**Part B - Source of Receipts**

List below the principal lines of merchandise sold, types of construction activity, products manufactured or mined, or services performed and indicate the approximate percentage each was of your total receipts (item 8a) in 1967.

Lines of merchandise sold, types of construction activity, types of services, and products manufactured or mined	Percentage of total receipts shown in item 8a
1.	
2.	
3.	
4.	



**10. COMPANY AFFILIATION**

a. ☐ Mark this box if this business is owned or controlled by another company and enter the name, mailing address, and Employer Identification Number of owning or controlling company, if known.

b. ☐ Mark this box if this business owns or controls any other company or companies and enter the name, mailing address, and Employer Identification Number of owned or controlled companies, if known.

Name of company	E.I. Number
Mailing address — Number, street, city, State, ZIP code	— — — — —
Name of company	E.I. Number
Mailing address — Number, street, city, State, ZIP code	— — — — —
Name of company	E.I. Number
Mailing address — Number, street, city, State, ZIP code	— — — — —

**11. YOUR BUSINESS LOCATIONS**

a. In 1967 did you operate more than one establishment under the Employer Identification Number shown in the address label or in item 3? . . . . . 1 ☐ Yes 2 ☐ No

b. If "Yes," list separately below each establishment, including your main establishment and auxiliary facilities (such as warehouses, central administrative offices, buying offices, etc.).

	Address of business (Number, street, city, State, ZIP code)	Description of business	Census use only	Business receipts during 1967		Number of paid employees (Pay period including March 12, 1967)
				Dollars	Cents	
1.				\$	XX	
2.					XX	
3.					XX	
<b>TOTAL FOR THIS EMPLOYER IDENTIFICATION NUMBER</b> (Sum of lines 1–3 should be same as item 8a.)				\$	XX	
<b>12</b>	Name of person to contact regarding this report	Address (Number, street, city, State, ZIP code)		Telephone		
				Area code	Number	Extension
<b>CERTIFICATION</b>	This report is substantially accurate and covers the period from _____ to _____					
	Signature of authorized person	Title		Date		

Use additional sheets of paper, if necessary, to complete any item or to submit any explanation.  
Identify each sheet with the Census File Number appearing in the address box.

FORM  
NC-X6  
(0600)U.S. DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS**NOTICE** - Response to this inquiry is required by law (Title 13 U.S. Code). By the same law, your report to the Census Bureau is confidential. It may be seen only by sworn Census employees and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.**1967 CENSUSES OF BUSINESS, MANUFACTURES,  
AND MINERAL INDUSTRIES****CENTRAL ADMINISTRATIVE OFFICE  
OR AUXILIARY ESTABLISHMENT**In correspondence pertaining to this report  
please refer to this Census File Number

NC-X6 (0600)

Employer Identification  
Number**RETURN TO****JEFFERSONVILLE CENSUS OPERATIONS OFFICE**  
Jeffersonville, Indiana 47130**PLEASE READ INSTRUCTIONS BEFORE COMPLETING REPORT**

If calendar year records are not available, fiscal year reports for the periods ending between October 31, 1967 and February 29, 1968 are acceptable. If book records are not available, enter your best estimate.

This report should cover ONLY the establishment identified in the address label.

**YOUR FILE COPY****ITEM 1. NAME AND PHYSICAL LOCATION**

a. Name of this establishment, if different from that appearing in the address box

b. Is the address originally printed in the address box the ACTUAL PHYSICAL LOCATION OF THIS ESTABLISHMENT?

☐ Yes - Complete lines (3) and (4) ☐ No - Complete lines (1) through (4)

(1) Number and street City, village, or other place

(2) State ZIP code

NOTE - If location cannot be described by number and street, give name or number of highway and approximate distance from nearest town.

(3) County in which your establishment is physically located? .....

(4) Is the establishment physically located within the boundaries of the city or village? 1 ☐ Yes 2 ☐ No**ITEM 2. EMPLOYER IDENTIFICATION NUMBER**

Is the Employer Identification (EI) Number printed in the address label the SAME as that used for this establishment on your latest 1967 Employer's Quarterly Federal Tax Return, Treasury Form 941?

☐ Yes ☐ No - (If "No," please enter the currently assigned EI Number here (9 digits) )**ITEM 3. LEGAL FORM OF OWNERSHIP OF COMPANY OPERATING THIS ESTABLISHMENT**

- 1 ☐ Individual proprietor  
2 ☐ Partnership  
3 ☐ Corporation (Do not mark if any form of cooperative association)  
4 ☐ Co-op (cooperative association), corporate or noncorporate  
5 ☐ Other (Specify) \_\_\_\_\_

**ITEM 4. PRINCIPAL ACTIVITY OF THIS ESTABLISHMENT IN 1967**

Mark the ONE item that best describes the principal activity of this establishment. If none applies, mark item (i) and enter a description of your principal activity. Mark one item only.

- a. ☐ 1 Centralized administration (i.e., supervisory functions of a central, home, general, branch, divisional or district office)  
b. ☐ 1 Management and other supporting services (e.g., purchasing or buying office, accounting office, legal office, public relations office, etc.)  
c. ☐ 3 Warehousing  
d. ☐ 7 Chainstore warehousing (i.e., a combination of administrative and warehousing activities described in a, b, and c)  
e. ☐ 2 Research, development, and testing  
f. ☐ 4 Trading stamp redemption  
g. ☐ 8 Selling  
h. ☐ 9 Repair service  
i. ☐ 9 Other (Describe) \_\_\_\_\_

**ITEM 5. PRINCIPAL ACTIVITIES OF YOUR COMPANY SERVICED BY THIS ESTABLISHMENT IN 1967**

a. Does this establishment perform the above described management, general administrative functions, or other supporting services primarily for establishments of your company (rather than for other business firms or for the general public)?

1 ☐ Yes - Complete items 5b, c, and d 2 ☐ No - Skip to item 6

b. Does this establishment perform these management and administrative functions or services for ALL establishments of your company? ("Your company" refers to the parent firm and all its subsidiaries under common ownership or control.)

1 ☐ Yes 2 ☐ No

c. Mark the principal kind of business or industrial activity of the establishments of your company that are managed or serviced by this central office or auxiliary.

- 1 ☐ Minerals extraction, quarrying, production, or exploration  
2 ☐ Manufacturing (fabricating, assembling, or processing materials into new products; also includes publishing and printing)  
3 ☐ Construction (including general contracting, subcontracting, home building, and land subdividing and developing)  
4 ☐ Manufacturer sales branches or other wholesale operations  
5 ☐ Retail stores  
6 ☐ Other (Describe) \_\_\_\_\_

d. List in order of importance, the principal products made, lines of merchandise sold, types of services rendered, or construction activities performed by the establishments that are managed or serviced by this central office or auxiliary.

(1) \_\_\_\_\_ (3) \_\_\_\_\_  
(2) \_\_\_\_\_ (4) \_\_\_\_\_**ITEM 6. PAYROLL AND EMPLOYMENT AT THIS ESTABLISHMENT DURING 1967**

Report the payroll and number of persons employed at this establishment, including its traveling personnel. Do not include employees working in or from other establishments of your company, however, even though paid from this location. (The number and payroll of such employees should be included in the 1967 Census reports for the establishments at which they were actually employed.)

a. Payroll during 1967. (Enter the total wages, salaries, bonuses, commissions, and other remuneration paid to employees of this establishment during 1967, before payroll deductions)

THOUSANDS of dollars (\$000)

Key

b. Number of employees at this establishment during the pay period including March 12, 1967

\$

X-6

Number

X-7

c. Were the employees and payroll reported in items 6a and 6b above also reported in any other 1967 Census establishment report form of your company (i.e., in the Census Forms MA-, MC-, CB-, or CC- series)?

1 ☐ Yes - If "Yes," please give the 11-digit CENSUS FILE NUMBER of that report 2 ☐ No**ITEM 7. EMPLOYMENT BY FUNCTION DURING THE PAY PERIOD INCLUDING MARCH 12, 1967**

Distribute the number of employees reported in item 6b according to their principal functions at this establishment during the pay period including March 12, 1967.

Where establishment records do not provide actual employee counts in terms of the functions listed, estimates of the approximate number in each are acceptable. Those persons performing a variety of functions should be reported in their primary activity during that pay period, or allocated on some other reasonable and consistent basis (e.g., by converting the total number of man-hours or man-days expended during the pay period into the average number of employees in each activity).

Type of function performed

Approximate number of employees

Key

a. Centralized administration (e.g., various management functions of a general, home, or district office)

1-1

b. Research, development, and testing

1-2

c. Warehousing

1-3

d. Sales to customers directly from this location

1-4

e. Trading stamp redemption

1-5

f. Other (Describe)

1-6

g. TOTAL NUMBER OF EMPLOYEES (Sum of lines a through f; should equal item 6b)

1-7

Please continue on page 2



Report all figures in THOUSANDS OF DOLLARS (\$000), except Item 15. If none applies, enter "0" or "NONE."					
<b>ITEM 8. SALES MADE BY THIS ESTABLISHMENT DURING 1967 TO CUSTOMERS OUTSIDE YOUR COMPANY</b>			THOUSANDS of dollars (\$000)	Key	
<p>a. Report all sales made by this establishment during 1967 (merchandise sales, receipts for services, and other business receipts) to customers outside your company.</p> <p>Include excise taxes and sales taxes paid directly to taxing agencies.</p> <p>Exclude intracompany transfers to other domestic establishments of your company; however, include export transfers to your foreign subsidiaries. Exclude sales to outside customers made by OTHER establishments of your company, even though billed centrally by this establishment. (Report such sales on the 1967 Census forms of these other establishments.)</p>			a. Sales made by this establishment during 1967 to customers outside your company	\$	2-1
<p>b. List principal products sold or services rendered by this establishment to customers outside your company, in order of importance of sales and receipts in 1967:</p> <p>(1) _____ (3) _____</p> <p>(2) _____ (4) _____</p>					
<b>ITEM 9. BILLINGS BY THIS ESTABLISHMENT IN 1967 TO RETAIL STORES OF YOUR COMPANY</b>			THOUSANDS of dollars (\$000)	Key	
<p>Report at cost value all merchandise billed by this establishment in 1967 to retail stores of your company. Include all billings, whether or not the merchandise was shipped directly by the supplier to your retail stores or shipped from this establishment.</p> <p>Exclude purchases made directly by your individual stores. Exclude billings to establishments other than your retail stores. Exclude sales to retail stores of other companies, and franchise sales (which should be reported in item 8a above).</p>			Total billings by this establishment in 1967 to retail stores of your company		2-2
			\$		
<b>ITEM 10. INVENTORIES AT BEGINNING AND END OF 1967</b>			Value of inventories of this establishment:		
<p>Report all inventories of this establishment at current cost (if feasible), rather than sales price. Exclude inventories reported by other establishments of your company on their 1967 Census establishment forms.</p>			a. BEGINNING of 1967		2-3
			\$		
			b. END of 1967		2-4
			\$		
<b>ITEM 11. CAPITAL EXPENDITURES FOR THIS ESTABLISHMENT DURING 1967 (EXCLUDE LAND AND MINERAL RIGHTS)</b>			Type of capital expenditures:		
<p>Report all capital expenditures actually made during 1967 for this establishment, including major alterations, capitalized repairs and improvements. "Capital expenditures" refer to all costs that are chargeable to fixed assets accounts for which depreciation or amortization accounts are ordinarily maintained.</p> <p>Include the cost of all improvements and new construction at this establishment which were in progress but had not been completed at the end of 1967.</p> <p>Include expenditures made by your company (or any of its subsidiaries) for structures which, upon completion, were or are to be sold and leased back to this establishment.</p> <p>Exclude the cost of land and mineral rights.</p> <p>Exclude the cost of maintenance and repairs charged as current operating expense.</p> <p>Exclude capital expenditures made by outside owners of property rented or leased to this establishment. Exclude capital expenditures made by this establishment for other locations of your company.</p>			a. New structures and additions to plant		2-5
			\$		
			b. New machinery and new equipment		2-6
			\$		
			c. Used plant and used equipment acquired from others		2-7
			\$		
			d. TOTAL CAPITAL EXPENDITURES DURING 1967 (Sum of lines a, b, and c)		2-8*
			\$		
<b>ITEM 12. CHANGES IN GROSS (BOOK) VALUE OF FIXED ASSETS OF THIS ESTABLISHMENT DURING 1967</b>					
<p>Report the changes in gross (book) value of fixed assets of this establishment for which depreciation and amortization accounts are ordinarily maintained. "Gross (book) value" represents the acquisition cost (original cost or other basis) to your company of such fixed assets.</p> <p>Include all depreciable fixed assets (buildings, structures, machinery, equipment, etc.), and all amortizable fixed assets.</p> <p>Include all improvements and new construction "in progress" during 1967 but not yet completed at the end of 1967. Also include the value of fixed assets owned by this establishment but leased or rented to other companies.</p> <p>Include the value of fixed assets owned by your company or any of its subsidiaries but "leased" to this establishment.</p> <p>Exclude the value of fixed assets of other locations of your company (or any of its subsidiaries) for which this establishment maintains records.</p>			a. Gross (book) value of fixed assets at BEGINNING of 1967		3-1
			\$		
			b. Total capital expenditures during 1967 (Copy figure from item 11d)		3-2
			\$		
			c. Gross (book) value of fixed assets sold, retired, scrapped, or destroyed during 1967		3-3
			\$		
			d. Gross (book) value of fixed assets, at END of 1967. (Should equal lines a + b - c. If not, please comment in "Remarks.")		3-4
			\$		
<b>ITEM 13. RENTAL PAYMENTS MADE FOR THIS ESTABLISHMENT DURING 1967 (EXCLUDE LAND)</b>			Rental payments made for this establishment:		
<p>Report all rental payments made or accrued during 1967 to OUTSIDE firms which own the plant and equipment rented or leased by this establishment. Exclude rental payments made by this establishment to your parent company or any of its subsidiaries. (The value of such company-owned assets should be reported in item 12, however, as if actually owned by this establishment.) Exclude rental payments made by this establishment for plant and equipment located at other establishments of your company.</p> <p>In reporting rents paid (or equivalent charges) for use of "Buildings and structures," exclude separately identified fees for leasing of land (such as ground rents).</p> <p>Under "Machinery and equipment," be sure to include rental payments, (or equivalent charges), for use of transportation equipment, office equipment, computer systems, passenger cars, and all other types of machinery or equipment.</p>			a. For use of BUILDINGS AND STRUCTURES (excluding land)		3-5
			\$		
			b. For use of MACHINERY AND EQUIPMENT		3-6
			\$		
			c. TOTAL RENTAL PAYMENTS (Sum of lines a and b)		3-7
			\$		
<b>ITEM 14. COST OF RESEARCH AND DEVELOPMENT PERFORMED AT THIS ESTABLISHMENT DURING 1967</b>			Type of research and development performed:		
<p>"Cost" should include all costs incurred at this establishment during 1967 to support research and development activities (i.e. wages and salaries; direct materials costs; services and supporting costs; and an appropriate share of depreciation and overhead). If this establishment performed research and development for other companies on contract during 1967, include the total amount charged for such work performed. (Also, report such receipts in item 8 above.)</p>			a. Federal contracts and subcontracts		3-8
			\$		
			b. Other research and development initiated with funds of your company or other (non-Federal) sources		3-9
			\$		
			c. TOTAL COST OF RESEARCH AND DEVELOPMENT DURING 1967 (Sum of lines a and b)		3-10*
			\$		
<b>ITEM 15. WAREHOUSE STORAGE SPACE, AS OF DECEMBER 31, 1967</b>					
<p>If you reported any employees in item 7, line c, "Warehousing," complete this item.</p> <p>Line a. Exclude floor space occupied by interior walls, permanent aisles, elevator shafts, stairways, offices, receiving and shipping platforms, etc.</p> <p>Line b. Net piling space is space for storing commodities - inside space measured from wall to wall and from floor to ceiling, less space for ventilation (outside of the pilings), coils, aisles, posts, sprinklers, etc.</p>			a. Occupiable floor space (under roof) - occupied and unoccupied - of this establishment		4-1
			Square feet		
			b. Refrigerated (net piling) space, 50 degrees Fahrenheit or below, in this establishment		4-2*
			Cubic feet		
REMARKS					
<b>ITEM 16.</b>		Name of person to contact regarding this report		Address (Number and street, city, State)	
				ZIP code	
				Telephone	
				Area code Number Extension	
<b>CERTIFICATION</b>		This report is substantially accurate and covers the period from _____ to _____			
		Signature of authorized person		Title	
				Date	



FORM NC-K1  
(9991)U.S. DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS

NOTICE - Response to this inquiry is required by law (Title 13 U.S. Code). By the same law, your report to the Census Bureau is confidential. It may be seen only by sworn Census employees and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.

# 1967 CENSUSES OF BUSINESS, MANUFACTURES, AND MINERAL INDUSTRIES

## COMPANY SUMMARY REPORT

In correspondence pertaining to this  
report please refer to \_\_\_\_\_

CENSUS FILE NO. \_\_\_\_\_

Name and address (Please correct any errors) \_\_\_\_\_

RETURN TO

JEFFERSONVILLE CENSUS OPERATIONS OFFICE  
Jeffersonville, Indiana 47130

Please read instructions before completing report

## INSTRUCTIONS

This form will provide you and the Bureau of the Census with a systematic means for assuring that ALL DOMESTIC ACTIVITIES of your company and its subsidiaries have been accounted for in the 1967 Censuses of Business, Manufactures, and Mineral Industries. For the purposes of this report, "domestic" activities should include all 50 States and the District of Columbia. It should not include activities of your firm in foreign countries. (Note - Your Puerto Rico activities, if any, will be covered separately in the 1967 Census of Puerto Rico conducted jointly by the Commonwealth government and the U.S. Bureau of the Census.)

Please complete Form NC-K1, "Company Summary Report," after you have prepared all required 1967 Census establishment reports for your company and its subsidiaries, but before you return these completed reports to the Bureau of the Census. Preparing this Company Summary Report prior to returning the completed establishment reports may help you to discover more readily and to correct promptly any omission or duplication of reports for those establishments which should be covered in the 1967 Censuses of Business, Manufactures and Mineral Industries. In turn, this will speed up the Census Bureau's processing of your company report forms and will minimize any correspondence regarding coverage.

## ITEM 1. GENERAL INFORMATION

## A. NAME OF COMPANY \_\_\_\_\_

C. LEGAL FORM OF OWNERSHIP OF COMPANY - Mark one **X-1**

## B. COMPANY ORGANIZATION

Is the above-named company owned or controlled by another company? Yes ☐ No ☐  
(If "Yes," please give name and address of owning or controlling company.) \_\_\_\_\_

1 ☐ Individual proprietor8 ☐ Co-op (Cooperative association),  
corporate or noncorporate2 ☐ Partnership9 ☐ Other (Specify) \_\_\_\_\_0 ☐ Corporation (Do not  
mark if any form of  
cooperative association.) \_\_\_\_\_

ITEM 2. EMPLOYMENT SUMMARY OF YOUR COMPANY AND ITS SUBSIDIARIES DURING 1967 - Column (a) lists the Employer Identification (E.I.) Numbers assigned to your company, based on information you reported on the 1967 Census Form NC-K1, "Report of Company Organization." If your company was assigned any other E.I. Numbers during any part of 1967, please add these numbers to the list. Then, complete ALL columns for EACH E.I. Number listed. (USE ITEM 2 Continuation Sheet if necessary.)

NOTE: All employment figures (Columns b through f) are for the pay period including MARCH 12, 1967

Line number	Employer Identification Numbers used by your company during 1967 (a)	Number of employees (as of March 12, 1967) reported on Treasury Payroll Tax Forms 941, 943, or CT-1 (b)	Employees in domestic establishments, as REPORTED on your 1967 Censuses of Business, Manufactures, and Mineral Industries forms:			Employees and payroll of domestic business activities, NOT REPORTED on your 1967 Censuses of Business, Manufactures, and Mineral Industries forms (i.e., agriculture; railroads; pipelines; radio and TV stations; insurance agencies; banks; etc.):		Description of these activities NOT REPORTED on your Census forms (g)	Total payroll for the year 1967 for these activities NOT REPORTED on your Census forms THOUSANDS of dollars (\$000) (h)	For Census Use Only	
			Census Form MA- or MC-Series Production workers plus all others (Manufactures and Mineral Industries) (c)	Census Form CB- or CC-Series (Wholesale, Retail, Service, and Construction) (d)	Census Form NC-X6 (Central administrative offices and auxiliaries) (e)	Employees in domestic activities NOT REPORTED on your Census forms (f)	Key				
			1-1	1-2			1-3			1-4	1-5*
1									\$	001	
2									\$	002	
3									\$	003	
4									\$	004	
5									\$	005	
6									\$	006	
7									\$	007	
8									\$	008	
9	Subtotal from Item 2 Continuation Sheet, if any										No. of sheets
10	TOTAL, All Employer Identification Numbers										

NUMBER OF ITEM 2 CONTINUATION  
SHEETS ATTACHED TO THIS FORM →

No. of sheets

## ITEM 3. COVERAGE CHECK OF COMPANY EMPLOYMENT TOTALS

## A. Comparison of COMPANY employment with ESTABLISHMENT employment for the pay period including March 12, 1967

Enter employment totals from Item 2, Line 10:

(1) From Column (c), total

(2) From Column (d), total

(3) From Column (e), total

(4) From Column (f), total

(5) Sum of figures above

(6) Sum of company employment reported on Treasury Payroll Tax Forms (From Column (b) in Line 10)

Number of employees reported in Item 2, line 10, above

Key

2-1

2-2

2-3

2-4

2-5

2-6

B. If the two figures in Lines (5) and (6) of Item 3A differ by more than 5 percent, please verify the reported figures in Item 2. (For each Employer Identification Number, compare the Column (b) figure with the sum of Columns (c), (d), (e), and (f). These totals should ordinarily be equal for each E.I. Number, if all employment has been accounted for.)

If, after such verification, a company-wide difference in excess of 5 percent still exists, please explain:

For Census Use Only

2-7

2-8

2-9\*

Please continue on page 2

Please report the following items on a consolidated basis for the DOMESTIC ACTIVITIES of your company and ALL its subsidiaries as defined in Item 2 of this report. Do not include foreign activities, if any, (except for reporting foreign assets in Item 10). Consolidate all domestic activities, whether or not covered in the 1967 Census by individual report forms. If calendar year records are not available, fiscal year reports for the periods ending between October 31, 1967 and February 29, 1968 are acceptable. If book records are not available, enter your best estimates. Before completing these items, please read the detailed instructions.

D-13



FORM NC-K4M  
(9994)U.S. DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS

**NOTICE** - Response to this inquiry is required by law (Title 13 U.S. Code). By the same law, your report to the Census Bureau is confidential. It may be seen only by sworn Census employees and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.

In correspondence pertaining to this report  
refer to this Census File Number

NC-K4M (9994)

## 1967 CENSUS OF MANUFACTURES

DISTRIBUTION OF SALES  
BY CLASS OF CUSTOMER

RETURN TO

JEFFERSONVILLE CENSUS OPERATIONS OFFICE  
Jeffersonville, Indiana 47130

KEEP THIS COPY FOR YOUR FILES

PLEASE COMPLETE AND RETURN THE FORM WHICH  
SHOWS YOUR NAME AND ADDRESS

CENSUS USE ONLY	Weight				P/G

(Please correct if mailing address has changed)

## GENERAL INSTRUCTIONS

(See also specific instructions with Product Group Reference List)

As part of the 1967 Census of Manufactures, the Census Bureau is conducting this survey of the Distribution of Manufacturers' Sales by Class of Customer. The last such survey was conducted as part of the 1958 Census of Manufactures. This survey will provide a current analysis of the marketing channels through which the goods move from the manufacturer to the user or consumer. The results are needed for the improvement of the national income and product statistics.

**Estimates are acceptable** - We appreciate that there is no uniform system of sales analysis and that completeness of records varies considerably among companies. Therefore, some companies will have to use estimates to a far greater extent than they do on other Census surveys. If actual records are not available except at considerable expense, or if your class of customer or product groupings differ significantly from those requested, approximations will be acceptable.

**What to report** - You are requested to provide a summary company level report on the shipments of groups of products from your company's manufacturing plants, and sales branches and offices. This report should include data for all domestic subsidiaries, divisions, and establishments as reported on Form NC-K1, "Company Summary Form." You are requested in section 1 to allocate the shipments from your manufacturing plants, including movements within the company, according to type of customer; and in section 2 to further trace the shipments which move from or on order from company operated sales branches, sales offices, and administrative offices.

**Product groups** - (See accompanying Reference Manual PCL-(NC-K4M).) Report groups of the products for which you report shipments from manufacturing establishments in item 9, Form MA-100. However, the products have been grouped into a smaller number of categories for this report. The Reference Manual lists the product categories for which class of customer information is to be reported and describes the products, as reported on Form MA-100, which are to be summarized into the groups.

At the head of each column, enter the product code and description from the manual. In distributing your sales by class of customer, include products bought and resold in the same condition (resales) in their appropriate product group. Exclude, however, miscellaneous receipts and receipts for contract and commission work. In both sections 1 and 2, please estimate the percent of each product group which is resales, lines 15 and 28.

**Allocation of sales and shipments** - Special instructions on reporting sales for a few particular products are included in the instructions. Unless there are such special instructions, use the following standards in completing this report.

**Section 1** - Allocate the shipments from your manufacturing plants to the classes of customers described. In section 1A, list those customers which represent within company shipments, i.e., to other plants of the company for further processing or to the company's own wholesale or retail outlets. For purposes of section 1A, your sales branches and sales offices, if any, are considered as customers. If you report sales on line 1 (shipments to or on order from sales branches, sales offices or administrative offices), you must also report in section 2. Products should be valued f.o.b. plant as reported on Form MA-100.

**Section 2** - Products sold from sales branches, sales offices, and administrative offices should be valued at sales price to the customer.

## DESCRIPTION OF CLASS OF CUSTOMER

(Corresponds to report form line number)

Section 1A - SHIPMENTS, SALES OR TRANSFERS TO OTHER  
ESTABLISHMENTS OF THIS COMPANY

1. **Sales branches, sales offices, administrative offices** - Include shipments to or on orders received through those establishments of your company which report on Form CB-51A-51L, Census of Business, "Manufacturers' Sales Branches and Offices." These are establishments operated by the company primarily to sell the products manufactured by the company, although they may also sell products made by other companies. (These are distinguished from merchant wholesale establishments of the company, SEE line 2.) Also, for purposes of this inquiry consider as a sales office any administrative office which handles sales of the company. These establishments report on Form NC-X6, "Central Administrative Offices and Auxiliaries."

Include as shipments to sales branches, sales offices and administrative offices not only the value of products actually shipped from the plant to these establishments, but also products shipped from the plant to customers on order from the sales branch or office. If any sales are reported on line 1, section 1, sales from sales branches and sales offices, you must also complete section 2.

2. **Merchant wholesale establishments** - Report shipments to or orders from any establishment operated by this company for which you report in the 1967 Census of Business on Form CB-50A-50R.

3. **Retail stores or outlets** - Report sales through separately operated retail stores for which a report is also required in the Census of Business.

4. **Other manufacturing plants** - Report all transfers or shipments from one manufacturing plant of this company to another whether for further processing, for use as a material or supply, or for resales by the other plants.

5. **Other establishments** - Report all transfers or shipments to other plants of this company, such as mining, transportation, service, etc.

Section 1B - SHIPMENTS TO OTHER COMPANIES, INDIVIDUALS,  
GOVERNMENTS, AND EXPORT

6. **Wholesalers** - Include all wholesale companies purchasing primarily for resale to other businesses or to institutions and not directly to household consumers or farmers.

7. **Retailers** - (Do not include shipments to your company's own retail outlets.) Include sales to businesses which sell merchandise for personal, household, or farm consumption. Include all chain stores, mail order houses, department stores, independent retailers, including independent route salesmen such as bakery or dairy truck distributors who sell directly to households.

8. **Manufacturers** - Report sales to companies known to be engaged in manufacturing. Include as manufacturers food processors such as meat packers, bakeries, and bottling plants; sheet metal operations; feed mixers; logging camps; sawmills; printing; publishing; apparel jobbers; machine shops.

9. **Commercial and industrial users, construction, State and local governments, private and public institutions** - Include all private firms and businesses not considered manufacturers, retailers, or wholesalers. Thus, include companies engaged in construction, mining, transportation; as well as utilities, restaurants, hotels, and other businesses providing services; include hospitals and schools, as well as State and local governments. (Report sales to the Federal Government separately.) Lines 9b (and 22b) are used only for product groups for which special instructions appear in the Product Group Reference List.

10. **Individuals, household users, and farmers** - Include all direct sales from the manufacturing plants to households, farmers, and individual users (including sales to your company's own employees at retail, even if at a discount). Companies which deliver products to customers should include route sales to households in this item (sales to stores, institutions, and restaurants). State and local governments should be reported in the appropriate category.

11. **Federal Government** - Include all sales to branches of the Federal government and to corporations owned by the Federal Government; include sales to military post exchanges, ship's stores and similar units.

If you operate manufacturing plants reporting on Census Form MA-175, "Report on Shipments to or Receipts for Work Done for Federal Government Agencies and Their Contractors and Suppliers," report as sales to government only those shipments made directly to the government. Indirect sales under subcontractor should be reported as shipments in the class of customer to which the prime contractor is classified, usually other manufacturing companies.

12. **Export** - Report sales for direct export, including shipments to your company's foreign subsidiaries and affiliates. Do NOT include shipments to domestic exporters which should be reported as sales to wholesalers.

13. **Other** - Report sales for all customers not listed in lines 6-12 (and 19-25).

14. **Total shipments from manufacturing establishments** - The sum of lines 1-13 should approximate the sum of product class shipments comprising the group reported in item 9, Form MA-100, of establishment reports with allowance for resales.

16. **Total for product group** reported in item 9 of Form MA-100 should equal the sum of product class shipments comprising the product group reported in item 9, Form MA-100.

**Section 2 - SALES BY SALES BRANCHES, SALES OFFICES, AND ADMINISTRATIVE OFFICES** - Lines 17-26 - Class of customer definitions are the same as for section 1B.

Name of person to contact regarding this report	Address (Number and street, city, State)	ZIP code	Telephone		
			Area code	Number	Extension
<b>CERTIFICATION</b> - This report is substantially accurate and covers the period from _____ to _____					
Name of company	Address (Number and street, city, State)	ZIP code			
Signature of authorized person	Title	Date			

Please continue on page 2



FORM NC-K4M – DISTRIBUTION OF SALES BY CLASS OF CUSTOMER

CENSUS FILE NO.

Page  of  pages

Section 1 - Report shipments from manufacturing establishments at same prices as reported on the initial 1997 Census of Manufactures establishments reports, i.e., factory value.

Section 2 - Report sales from sales branches, sales offices, and administrative offices at final sales prices to customer.

Section 1 - SHIPMENTS FROM MANUFACTURING ESTABLISHMENTS

A. To other establishments of this company

To or on orders from separate sales branches, sales offices, and administrative offices (establishments for which Census Forms CB-51A - 51L and NC-X6 are filed) (If you have entries on this line, complete section 2)

Merchant wholesale establishments (for which Census Forms CB-50A - 50L are filed)

Retail stores or outlets

Other manufacturing plants

Other establishments (Describe)

Wholesalers

Retailers

Manufacturers

Commercial and industrial users, construction, State and local governments, private and public institutions (See note below)

Individuals, households, and farmers

Federal Government

Export, including shipments to foreign subsidiaries. Exclude shipments to domestic exporters

Other (Describe)

B. To other companies, individuals, governments, and export

Section 2 - SALES BY SALES BRANCHES, SALES OFFICES, AND ADMINISTRATIVE OFFICES (Complete if entry was made on line 1)

A. To other establishments of this company

Retail stores and outlets

Other establishments (Describe)

Wholesalers

Retailers

Manufacturers

Commercial and industrial users, construction, State and local governments, private and public institutions (See note below)

Individuals, households, and farmers

Federal Government

Export, including shipments to foreign subsidiaries. Exclude shipments to domestic exporters

Other (Describe)

TOTAL - (Sum of lines 1-13 should approximate the sum of product class shipments comprising the group reported in item 9, Form MA-100, of establishment reports with allowance for resales)

Approximate percent (omit decimals) of total shipments, included in line 14, that are products bought and resold without additional processing by your company

Total for product group reported on Forms MA-100

Section 2 - SALES BY SALES BRANCHES, SALES OFFICES, AND ADMINISTRATIVE OFFICES (Complete if entry was made on line 1)

A. To other establishments of this company

Retail stores and outlets

Other establishments (Describe)

Wholesalers

Retailers

Manufacturers

Commercial and industrial users, construction, State and local governments, private and public institutions (See note below)

Individuals, households, and farmers

Federal Government

Export, including shipments to foreign subsidiaries. Exclude shipments to domestic exporters

Other (Describe)

TOTAL - (Sum of lines 17-26 should approximate the total of the sales reported on Forms CB-51A - 51L and NC-X6)

Approximate percent (omit decimals) of total shipments, included in line 27, that are products bought and resold without additional processing by your company

NOTE - Use line 9b and 22b ONLY for product groups for which special instructions appear in Product Group Reference List.

D-15

<b>FORM NC-K45</b> (9995)  <b>1967 CENSUS OF MANUFACTURES</b>  <b>DISTRIBUTION OF SALES BY CLASS OF CUSTOMER</b>		<b>U.S. DEPARTMENT OF COMMERCE</b> <b>BUREAU OF THE CENSUS</b> <b>NOTICE -</b> Response to this inquiry is required by law (Title 13 U.S. Code.). By the same law, your report to the Census Bureau is confidential. It may be seen only by sworn Census employees and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.  In correspondence pertaining to this report please refer to this file number  <b>NC-K45 (9995)</b>		
<b>RETURN TO</b> <b>JEFFERSONVILLE CENSUS OPERATIONS OFFICE</b> Jeffersonville, Indiana 47130				
<b>CENSUS USE ONLY</b>		<b>Weight</b>	<b>P/G</b>	
<b>PLEASE READ INSTRUCTIONS ON REVERSE SIDE BEFORE COMPLETING REPORT</b>				
<small>(Please correct any errors in name and address)</small>				
<b>DISTRIBUTION OF THE VALUE OF SHIPMENTS FROM MANUFACTURING ESTABLISHMENTS BY CLASS OF CUSTOMER:</b> This report provides a summary of the distribution of the shipments of this company by class of customer. The total value of products distributed should approximately equal the total value reported on the 1967 Form MA-100 submitted by your company and should be at the same prices (f. o. b. factory or plant) as reported on that form. <b>Estimates are acceptable.</b>				
<b>Line number</b>	<b>Class of customer categories (A)</b>	<b>Value of products shipped (Thousands of dollars) (B)</b>	<b>Key 1-XXXXX 2-XXX 3-1</b>	
1	Shipments to wholesalers	\$	1-7*	
2	Shipments to retailers		2-2	
3	Shipments to other manufacturers		2-3	
4a	Shipments to commercial and industrial users, construction, State and local governments, private and public institutions (See note below)		2-4	
4b			2-5	
5	Shipments to individuals, households, and farmers		2-6	
6	Shipments to the Federal Government		2-7	
7	Exports, including shipments to foreign subsidiaries. Exclude shipments to domestic exporters which are reported as wholesalers, line 1		2-8	
8	Other (Describe)		2-9*	
9	<b>Total</b> (Sum of lines 1 through 8 should equal sum of values reported in items 9a through 9j and 9m (resales) of your 1967 Form MA-100)		3-2	
10	Enter the percent of line 9 above representing goods manufactured by other companies bought and sold by this company without further fabrication	%	3-3	
11	Receipts for work done for others on their materials (same as item 9k of your 1967 Form MA-100)		3-4	
12	Miscellaneous receipts (sum of receipts in item 9l of your 1967 Form MA-100)		3-5	
13	<b>Total</b> (lines 9 + 10 + 11; same as item 9n of your 1967 Form MA-100)		3-6*	
<b>NOTE -</b> Line 4b is to be used only if your primary product for 1967 is included on lists A and B shown under Special Instructions.				
<b>Remarks</b>				
Name of person to contact regarding this report		Address (Number and street, city, State)		ZIP code
				Area code    Number    Extension
<b>CERTIFICATION -</b> This report is substantially accurate and covers the period from _____ to _____.				
Name of company		Address (Number and street, city, State)		ZIP code
Signature of authorized person		Title		Date

Please continue on page 2

## GENERAL INSTRUCTIONS

As part of the 1967 Census of Manufactures, the Bureau of the Census is conducting this survey of the Distribution of Manufacturers' Sales by Class of Customer. This survey will provide a current analysis of the institutions through which the Nation's goods move from the manufacturer to the customer. The results are needed for the improvement of the national income and product statistics. The latest broad-scale survey of the distribution of sales covered 1958.

One Form (NC-K45) should be completed by each company operating only one place of business during 1967. If you operate more than one separate place of business, please let us know and we will send you the correct form.

This report covering all of the domestic activities of the company will measure the flow of products from this company to its customers. Please report in column (B) the value of all of your products (whether made in your company or purchased and resold without further fabrication) shipped to each of the class of customer categories listed in column (A). Report shipments on consignment as though the merchandise had been sold at the time of the shipment. If such consignment shipments are to agents, consider the agent as a wholesaler.

**Estimates are acceptable** - We appreciate that there is no uniform system of sales analysis for all manufacturing companies and that reporting on this form will require some companies to resort to the use of estimates to a greater extent than is usually necessary for Census report forms. If you do not have records showing your sales by class of customer or if your sales analysis by customer class differs for some of the classes shown on this form, approximate figures will be acceptable. It is hoped that you can provide estimates that do not miss the actual figure by 2 or 3 percent of the total value of sales for the product group.

**Form NC-K45** - should equal - **1967 Form MA-100**

Line 9 ..... Item 9a-9j and 9m (resales)

Line 10 ..... Item 9k

Line 11 ..... Item 9l

Line 12 ..... Item 9n

**1. Wholesalers** - Include all wholesale companies purchasing primarily for resale to other businesses or to institutions and not directly to household consumers or farmers. Include industrial distributors, drop shippers, desk jobbers, voluntary group wholesalers, retail cooperative warehouses and buying groups, as well as wholesale merchants, exporters and export intermediaries and similar types of operations.

**2. Retailers** - Include sales to businesses which sell merchandise for personal, household, or farm consumption. Include all chain stores, mail order houses, department stores, independent retailers including those who operate their own home service delivery routes such as independent bakery or dairy truck distributors.

**3. Manufacturers** - Report sales to companies known to be engaged in manufacturing. Include as manufacturers food processors such as bakeries; bottling plants; sheet metal operations; feed mixers; logging camps; sawmills; printing; publishing; apparel jobbers; producers of ready-mixed concrete; machine shops.

**4. Commercial and industrial users, construction, State and local governments, private and public institutions** - Include all private firms and businesses not considered manufacturers, retailers, or wholesalers. Thus, include in this item companies engaged in construction, mining, transportation; as well as utilities, restaurants, hotels, and other businesses providing services; include hospitals and schools, as well as **State and local governments**. (Report sales to the Federal Government separately.)

**5. Individuals, household users and farmers** - Include all direct sales from the manufacturing plants to households, farmers, and individual users, including sales to your company's own employees at retail, even if at a discount. Operating plants of the company which deliver products to customers should include route sales to households in this item (sales to stores, institutions, restaurants, State and local governments should be reported in the appropriate category).

**6. Federal Government** - Include all sales to branches of the Federal Government and to corporations owned by the Federal Government; include sales to military post exchanges, ship's stores and similar units.

If you report on Census Form MA-175, "Report on Shipments to or Receipts for Work Done for Federal Government Agencies and Their Contractors and Suppliers," report as sales to government only those shipments made directly as prime contractor. Indirect sales under subcontractor should be reported as shipments in the class of customer to which the prime contractor is classified, usually other manufacturing companies.

**7. Export** - Report sales for direct export, including shipments to your company's foreign subsidiaries and affiliates. Do not include shipments to domestic exporters which should be reported as sales to wholesalers.

## SPECIAL INSTRUCTIONS

Line number	If your primary product for 1967 is -	Report amount of all 1967 shipments to -	Exclude such shipments from -
List-A			
1	Wines and brandy	State and local governments on line 4b (Enter "State and local governments" in column A, line 4b)	Line 4a
2	Bottled liquors		
3	Gasolene and jet fuel		
4	Kerosene and fuel oil (distillate and residual)		
5	Asphalt, asphalt felts and coatings		
6	Wheel tractors, parts and attachments, except contractors, off-highway and garden types		
7	Track laying tractors, parts and attachments		
8	Construction and mining machinery		
9	Truck and bus bodies		
10	Truck trailers and chassis		
11	Trucks, truck chassis and truck tractors		
12	Motor coaches, fire department and combat vehicles		
List-B			
1	Steel pipe and tubing	Construction and building contractors on line 4b (Enter "Construction" in column A, line 4b)	Line 4a
2	Builders' hardware		
3	Metal plumbing fixtures and fittings		
4	Heating and cooking equipment		
5	Fabricated structural iron and steel		
6	Sheet metal products		
7	Lighting fixtures, excluding incandescent vehicular lighting equipment, complete		
8	Household refrigerators and home and farm freezers		
9	Other refrigeration and air-conditioning equipment		
10	Insulated wire and cable		
List-C			
1	Fresh meat and lard	Meat jobbers, wholesalers and retailers on line 1	Line 2
2	Cured meat and sausage		
3	Canned meats, except dog and cat food		
4	Poultry and small game		

## REPORT SHIPMENTS TO -

Leather jobbers as shipments to wholesalers on line 1.

Textile converters as shipments to wholesalers on line 1.

Apparel jobbers as shipments to other manufacturers on line 3.

Military aircraft under the Mutual Security Program and the Military Defense Assistance Program as shipments to the Federal Government on line 6.

Producers of ready-mixed concrete as shipments to other manufacturers on line 3.



FORM MC-36B (3602)		U.S. DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS		NOTICE—Response to this inquiry is required by law (Title 13 U.S. Code). By the same law, your report to the Census Bureau is confidential. It may be seen only by sworn Census employees and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.	
<b>1967 CENSUS OF MANUFACTURES</b> <b>SWITCHGEAR AND SWITCHBOARD APPARATUS AND INDUSTRIAL CONTROLS</b>		In correspondence pertaining to this report refer to this Census File Number		Employer Identification Number	
RETURN TO JEFFERSONVILLE CENSUS OPERATIONS OFFICE Jeffersonville, Indiana 47130		MC-36B (3602)		KEEP THIS COPY FOR YOUR FILES	
PLEASE READ GENERAL INSTRUCTIONS ON PAGE 2 AND INSTRUCTIONS ACCOMPANYING EACH ITEM BEFORE COMPLETING		PLEASE COMPLETE AND RETURN THE FORM WHICH SHOWS YOUR NAME AND ADDRESS		(Please correct if mailing address has changed)	
If book figures are not available, carefully prepared estimates are acceptable. The Census Bureau reviews your report for completeness and consistency. To avoid correspondence, please complete every item. Enter "0" in items 2-8 if appropriate. In all correspondence with the Census Bureau, include the 11-digit Census File Number in the upper left of the address box. High speed electronic equipment is used to identify both correspondence and reports. If your correspondence does not include the Census File Number, it will be returned to you for the addition of that number. Please enter the 11-digit number in the File No. space provided at the top of all odd-numbered pages.		(3) County in which your establishment is physically located		(4) Is the establishment physically located within the boundaries of the city or village? 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No	
<b>ITEM 1</b> Physical location (a) and Employer Identification Number (b) Complete both (a) and (b)		a. Is the address originally printed in the address box the ACTUAL PHYSICAL LOCATION of this establishment? <input type="checkbox"/> Yes—Complete lines (3), (4), and b. <input type="checkbox"/> No—Complete lines (1) through (4), and b. (1) Number and street (See note) City, village, or other place (2) State ZIP code Note—If location cannot be described by number and street, give name or number of highway and approximate distance from nearest town.		b. Is the Employer Identification (E.I.) Number printed in the address label the SAME as that used for this establishment on your latest 1967 Employer's Quarterly Federal Tax Return, Treasury Form 941? <input type="checkbox"/> Yes <input type="checkbox"/> No—If "No," enter currently assigned E.I. No. here (9 digits)	
<b>ITEM 2</b> Number of employees		Production workers—Workers (up through the working foreman level) engaged in fabricating, processing, assembling, inspecting, receiving, packing, warehousing, shipping (but not delivering), maintenance, repair, janitorial, watchman services, product development, auxiliary production for plant's own use (e.g., powerplant), record keeping, and other closely associated services. Exclude proprietors and partners. All other employees—Nonproduction personnel, including those engaged in the following: supervision above working foreman level, sales (including driver salesmen), sales delivery (including driver and helpers), advertising, credit, collection, installation and servicing of own products, clerical and routine office functions, executive, purchasing, finance, legal, personnel (including cafeteria, etc.), professional and technical. Exclude proprietors and partners. (See also General Instructions, page 2.)		Number of production workers during pay period, including the 12th of the month a. March..... b. May..... c. August..... d. November..... e. Sum of lines a-d..... f. Average number (divide line e by 4)..... g. All other employees (pay period including March 12th)..... h. TOTAL (Sum of lines f and g).....	
NOTE ♦ Figures for dollars, man-hours, KWH should be rounded to thousands. However, you may enter figures to nearest dollars. Mil. Thou. Dols. OR Mil. Thou. Dols.		Carefully enter your figures in the correct columns, e.g., if payroll is \$1,125,628, report either..... \$ 1 125 628		Key 0-1 0-2 0-3 0-4 0-5 0-6 0-7 0-8	
<b>ITEM 3A</b> Payrolls (\$000)		Enter the total (before deductions) of wages, salaries, bonuses, commissions, and other remunerations paid in 1967. Exclude payments to proprietors and partners. (See also General Instructions, page 2.)		a. Production workers' wages..... b. All other employees' salaries and wages..... c. TOTAL (Sum of lines a and b).....	
<b>ITEM 3B</b> —Not applicable to this form.					
<b>ITEM 4</b> Plant man-hours of production workers, by quarter (\$000)		Report man-hours of production workers (as defined in item 2) for each calendar quarter (or comparable 13-week period) of 1967. Do not include hours for paid vacations, holidays or sick leave. Over-time hours should be actual hours, not straight time equivalent hours.		a. January through March..... b. April through June..... c. July through September..... d. October through December..... e. TOTAL (Sum of lines a-d).....	
<b>ITEM 5</b> Cost of materials, fuels, electricity, contract work (\$000)		On lines a and c, report the cost of all items actually consumed or put into production in 1967, whether purchased or withdrawn from inventories. Purchase records may be used if purchases closely approximate consumption. "Cost" refers to amounts actually paid or payable after discounts, and includes freight and other direct charges incurred in acquiring the items. (See also General Instructions, page 2.) Item 5a should equal total of "Materials Consumed," item 17A (column D). Item 5c should equal total of "Fuels Consumed," item 17B (column D).		a. Cost of materials, parts, components, containers, etc., consumed..... b. Cost of products bought and resold as such..... c. Cost of fuels consumed..... d. Cost of purchased electricity..... e. Cost of contract work done for you by others on your materials..... f. TOTAL (Sum of lines a-e).....	
<b>ITEM 6</b> Inventories of this establishment (\$000)		Report all inventories of this establishment at the beginning and end of 1967 on a comparable basis. The reported figures should be in terms of cost (if feasible, on a current cost basis).		Inventories Key Beginning of 1967 End of 1967 Mil. Thou. Dols. Mil. Thou. Dols. a. Finished products..... 3-1 \$ ..... b. Work-in-process..... 3-2 ..... c. Materials, supplies, fuels, etc..... 3-3 ..... d. TOTAL (Sum of lines a-c)..... 3-4 \$ .....	
<b>ITEM 7</b> Capital expenditures during year (Exclude land) (\$000)		Include all costs actually incurred during 1967 chargeable to the fixed assets accounts and of the type for which depreciation accounts are ordinarily maintained. If you did not make any expenditure of the kind described, enter "0." (See also General Instructions, page 2.)		a. New structures and additions to this plant..... b. New machinery and new equipment..... c. Used plant and used equipment acquired from others..... d. TOTAL (Sum of lines a-c).....	
<b>ITEM 8</b> Electricity (1,000 KWH)		Report kilowatt hours of electricity purchased.		Quantity of purchased electricity (for which cost is reported in item 5d), kilowatt hours.....	
<b>ITEMS 9, 10, and 11</b> —Not applicable to this form.					
<b>ITEM 12</b> Legal form of organization		Legal form of organization of the company which operates this establishment—(X) appropriate box 1 <input type="checkbox"/> Individual proprietor 0 <input type="checkbox"/> Corporation (Do not mark if any form of cooperative association) 9 <input type="checkbox"/> Other—Specify _____ 2 <input type="checkbox"/> Partnership 8 <input type="checkbox"/> Co-op (cooperative association), corporate and noncorporate		X-1	
<b>ITEM 13</b> Changes in ownership or operation and company affiliation		a. Changes in ownership or operation of this establishment during 1967. (1) <input type="checkbox"/> No change in ownership or operation (2) <input type="checkbox"/> Reorganized (Describe in "Remarks," e.g., partnership change, or change in corporate status) (3) <input type="checkbox"/> Started new business—Date _____ (6) <input type="checkbox"/> Mark this box if plant was purchased or leased from another company. (Enter below: name, address, and Employer Identification Number (if known) of former owner or operator and date of purchase or lease.) Name of company _____ Address (Number, street, city, State, ZIP code) _____ E.I. Number _____ Date _____ b. Company affiliation—Complete only if the first digit of your Census File Number (imprinted in the address box) is a zero "0." (If "Yes" is marked for any line, complete item 14) (1) Is this company owned or controlled by any other company?..... 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No (2) Does this company own or control any other companies?..... 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No (3) Does this company operate more than one place of business?..... 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No (4) Did this company have any plants under construction but not in operation at the end of the year?..... 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No		Discontinued operations—Date _____ (4) <input type="checkbox"/> Plant dismantled, abandoned or destroyed (5) <input type="checkbox"/> Plant idle or inactive but still owned X-2	
1 2 3 4 X-4		1 2 3 4 X-5			

Please continue on Page 2



ITEM 14 a. Other companies owned or business locations operated. Complete if item 13b(2), (3) or (4) is marked "Yes"	Name and address and Employer Identification Number	Activity (Describe, e.g., retail, manufacture, etc. and chief products sold)	Payroll and sales (\$000)			Are payrolls and sales included in this report?	
			Millions	Thous.	Dols.	Yes	No
	1		Payroll \$			<input type="checkbox"/>	<input type="checkbox"/>
	Employer Identification Number — — — — —		Sales			<input type="checkbox"/>	<input type="checkbox"/>
	2		Payroll			<input type="checkbox"/>	<input type="checkbox"/>
	Employer Identification Number — — — — —		Sales			<input type="checkbox"/>	<input type="checkbox"/>
	1		Payroll			<input type="checkbox"/>	<input type="checkbox"/>
	Employer Identification Number — — — — —		Sales			<input type="checkbox"/>	<input type="checkbox"/>
	2		Payroll			<input type="checkbox"/>	<input type="checkbox"/>
	Employer Identification Number — — — — —		Sales			<input type="checkbox"/>	<input type="checkbox"/>
b. Parent Company. Complete if item 13b(1) is marked "Yes"	2					<input type="checkbox"/>	<input type="checkbox"/>
Employer Identification Number — — — — —							

## ITEM 15—Not applicable to this form.

Checks to assure a complete and accurate report		The Census Bureau reviews your report for omissions, inconsistencies, and unusual ratios. To save you future correspondence about these problems, please make the following checks before returning your report: (1) Review the report carefully to see that no items are omitted for the year being covered; (2) Calculate and enter figures for the four "reasonableness" checks below, and review the results; (3) Correct your report for any errors you find; explain unusual figures in "Remarks."		
"Reasonableness" checks		Calculation required for each check		Figures for 1967
a. Average hourly wages per production worker	Item 3Aa (Production workers' wages) ÷ item 4e (Total man-hours)			\$
b. Hours worked per year per production worker	Item 4e (Total man-hours) × 1000 ÷ item 2f (Average number of production workers)			Hrs.
c. Salaries and wages per dollar of shipments	Item 3Ac (Total payroll) ÷ item 18 (Total value of shipments)			f
d. Materials cost per dollar of shipments	Item 5f (Total materials cost) ÷ item 18 (Total value of shipments)			f
e. Is the total for value of shipments (item 18) greater than the sum for payroll (item 3Ac) plus total cost of materials, etc. item 5f? Yes <input type="checkbox"/> No <input type="checkbox"/> Explain in "Remarks."				

## GENERAL INSTRUCTIONS

A separate Census report is required for each manufacturing establishment; therefore, based on Census records, a report form is provided for each establishment which your company operated in 1967.

For purposes of the Census, a **manufacturing establishment** is defined as a single physical location where manufacturing operations are performed (e.g., a factory, mill, or plant). Thus a separate report is required for different physical locations even though the establishments may be engaged in the same line of manufacturing.

Please note that establishments engaged in the following activities are also considered to be manufacturing for the purposes of this Census: Poultry dressing; milk pasteurizing and bottling; seafood, fresh packaged or frozen; apparel jobbing and contracting; logging camps and logging; sawmills; printing; publishing—book, magazine, periodical, etc.; manufacturing and delivering ready-mixed concrete; machine shops, including those operating on a job order basis; job casting, stamping, machining; plating, galvanizing, polishing materials owned by others, etc.; ship and boat repairing.

In completing this report, a limited amount of prorating or estimating is acceptable if book records are not readily available. Include all the activities conducted within the establishment: e.g., manufacturing, fabricating, processing, and assembling; maintenance of plant and equipment; receiving,

shipping, warehousing, storage; research; record keeping; health, safety, cafeteria, and other services.

Each report should cover the calendar year 1967. However, a report is required even if the establishment operated only part of the year. If your book records are not on a calendar year basis, carefully prepared estimates will be acceptable. If reporting on a calendar year basis will require considerable additional costs, and your fiscal year covers at least 10 months of the calendar year 1967 (i.e., ends between October 31, 1967 and February 29, 1968), you may report on a fiscal year basis. However, all employment, payroll, and man-hour figures should relate to the calendar year rather than the fiscal year. (Calendar year payroll records should be available from your tax records.)

In the certification, enter the exact dates of the period covered by the report. If the ownership changed during the year, complete the report only for that part of 1967 in which your company owned and operated the establishment. Report in item 13 the appropriate information on changes in ownership or operations.

If additional report forms are needed, write to the Jeffersonville Census Operations Office. Be sure to describe the type of activity of the establishments for which the additional report forms are requested.

## CONTINUATION OF INSTRUCTIONS FOR ITEMS 2, 3, 4, 5, and 7

(Definitions of employees and payrolls used to calculate withholding taxes generally may be followed in completing items 2 and 3A, Employment and Payrolls.)

**Item 2. Number of Employees**—Be sure to include all persons on paid sick leave, paid holidays, and paid vacation during the pay periods, as well as those actually working. Exclude members of armed forces and pensioners carried on your active rolls. Include officers at this establishment if a corporation; if an unincorporated concern, exclude proprietors or partners.

**Item 3A. Payrolls**—Report the gross earnings paid in the calendar year 1967 to employees on the payroll at the establishment prior to such deductions as employee's Social Security contributions, withholding taxes, group insurance premiums, union dues, and savings bonds. Include in gross earnings, commissions, dismissal pay, paid bonuses, vacation and sick-leave pay, and the cash equivalent of compensation paid in kind. Include salaries of officers at this establishment if a corporation; if an unincorporated concern, exclude payments to proprietors or partners. Exclude payments to agricultural employees, fishermen, members of armed forces, and pensioners carried on your active payroll.

**Item 4. Plant Man-hours of Production Workers**—If an employee elects to work during vacation periods, report only actual hours worked.

**Item 5. Cost of Materials, Fuels, Electricity, and Contract Work**—If actual consumption records are not available, cost of purchases may be used if these do not differ significantly from the amounts actually used. The consumption of any major item which differs significantly from purchases should be estimated by adding beginning inventories to the amounts purchased and subtracting from this total the cost of goods on hand at the end of the year.

**Item 5a. Cost of Materials, Parts, Components, Containers, Supplies, etc., Consumed**—Report the delivered cost of all raw materials, containers, scrap, and supplies, etc., which were: (1) put into production; (2) used as operating supplies; (3) used in repair and maintenance. Include also cost of materials owned by this establishment but consumed by other companies to make products for this establishment under contract. (The value of these products should be reported in item 18.) Amounts paid to other companies for such contract work should be reported on line 5e and should include freight out and in. If semi-finished goods, parts, or components were produced and incorporated into finished products at this plant during 1967, include the cost of raw materials used rather than the value of the intermediate products.

Include only value of physical goods used or put into production. Exclude cost of such services as advertising, telephone, telegram and cable, insurance; developmental, research, or engineering; management, marketing, and other professional consultants, etc., unless charges for such services are included in the prices paid for materials. Exclude also such overhead

items as depreciation charges against plant and equipment; rent and rental allowances, interest payments, royalties, and patent fees. Exclude materials, supplies, machinery, and equipment which were used in the construction of new structures or additions to your plant, or new machinery and equipment, and which were chargeable to fixed assets accounts. Exclude products purchased and resold without further manufacturing, processing or assembling; their costs should be included in item 5b.

**Item 5b. Cost of Goods Sold Without Further Manufacturing, Processing, or Assembling in this Establishment**—Include all products bought and resold in the same condition as when purchased and not made part of another product manufactured by this establishment. (Total sales value of all products resold is to be reported in item 18 on the line for "Resales.")

**Item 5c. Fuels Consumed**—Report cost of all fuels (including gasoline) consumed for heat, power, transportation, and the generation of electricity.

**Item 5e. Cost of Contract Work Done for You by Others on Your Materials**—Report the total payments made during 1967 for any work done by others on materials furnished by your establishment, including freight out and in on the materials furnished by you.

**Item 7. Capital Expenditures for this Establishment** (Exclude expenditures for land)—Capital expenditures during 1967 may be determined by the following computation: The cost of additions completed during the year, plus construction in progress at the end of the year, minus construction in progress at the beginning of the year.

**Item 7a. New Structures and Additions to Plant**—Report total expenditures during 1967 for new construction (whether constructed on contract or by your own forces), major alterations, capitalized repairs, and improvement of buildings, including all new elevators, cranes, heating and ventilating equipment, essentially a part of the buildings. Also, other fixed structures (such as brick kilns, shipways, and similar types of structures), and site improvements (such as roads, docks, tracks, parking lots, fences, utilities).

**Item 7b. New Machinery and New Equipment**—Report total expenditures at this establishment for new production machinery and equipment and other new machinery and equipment. Include replacements, as well as additions to capacity. Include the value of capitalized improvements and repairs to machinery and machinery produced and used at this establishment. Include all new motors, lathes, punch presses and similar machinery and equipment for use in production, as well as all new office machines and fixtures, furniture, cafeteria and dressing room furnishings, automobiles and trucks, and other similar equipment.

**Item 7c. Used Plant and Used Equipment Acquired from Others**—Report total expenditures at this establishment for old or existing plants and for second-hand equipment acquired from others, including the U.S. Government. Include at approximate market value machinery or equipment transferred from other plants of your company.

FORM MC-36B (3602)	U.S. DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS	FILE NO. _____	Page 3
1967 CENSUS OF MANUFACTURES  SWITCHGEAR AND SWITCHBOARD APPARATUS AND INDUSTRIAL CONTROLS - Continued		Name of establishment (Same as address box) _____	

Item 16 - INDUSTRIAL WATER USE DURING 1967

4-8

The total quantity of water intake (fresh and brackish) in this establishment during the entire year 1967 - (Mark one box only)

- |  |   |  |
|--|---|--|
| 1 <input type="checkbox"/> Under 1 million gallons | 3 <input type="checkbox"/> 10 to 19 million gallons | 5 <input type="checkbox"/> 100 million gallons or over |
| 2 <input type="checkbox"/> 1 to 9 million gallons  | 4 <input type="checkbox"/> 20 to 99 million gallons |  |

Item 17A - CONSUMPTION OF SELECTED MATERIALS DURING 1967

REPORT SEPARATELY FOR EACH LISTED MATERIAL THAT WAS ACTUALLY CONSUMED OR PUT IN PRODUCTION DURING 1967

Section I - CONSUMPTION OF MATERIALS PURCHASED OR RECEIVED FROM OTHER ESTABLISHMENTS

INSTRUCTIONS

Report delivered cost of the individual items below which were consumed or put in production during 1967. (See General Instructions (item 5), for valuation.)

Include materials owned by this establishment but consumed by other establishments to make products for this establishment under contract.

(Report cost of this contract work in item 5e; and the value of the products produced in item 18.)

Exclude materials owned by others used in this plant to make products for other establishments under contract or on commission. However, report receipts for this contract work in item 18.

Line number	Materials, parts, and supplies  (A)	Census material code  (B-1)	Unit of measure for quantities  (B-2)	Consumption of purchased materials and of materials received from other establishments of your company			
				If \$5,000 or more of the listed item was consumed -			If you consumed some but less than \$5,000 worth of the listed item, enter an (X) (E)
				Quantity  (C)	Cost, including delivery cost (freight-in) (D)		
					Millions 000	Thousands 000	
1	MILL SHAPES AND FORMS (EXCEPT CASTINGS) Carbon steel Bars and bar shapes	331011	7 Short tons		\$		( )
2	Sheet and strip	331012	5 Short tons				( )
3	Plates	331013	3 Short tons				( )
4	Structural shapes	331015	8 Short tons				( )
5	All other carbon steel mill shapes and forms	331019	0 Short tons				( )
6	Alloy steel (except stainless)	331020	8 Short tons				( )
7	Stainless steel	331031	5 Short tons				( )
8	Copper and copper-base alloy Bare wire (for electrical conduction only)	335728	2 Thousand pounds				( )
9	Insulated wire and cable (Report copper content in column (C))	335790	2 Thousand pounds				( )
10	Rod, bar, and mechanical wire, including extruded and/or drawn shapes	335102	0 Thousand pounds				( )
11	Plate, sheet, and strip, including military cups and discs	335123	6 Thousand pounds				( )
12	Pipe and tube	335127	7 Thousand pounds				( )
13	Aluminum and aluminum-base alloy Sheet, plate, and foil	335202	8 Thousand pounds				( )
14	Extruded shapes, including extruded rod, bar, pipe, tube, etc.	335205	1 Thousand pounds				( )
15	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.)	335209	3 Thousand pounds				( )
16	CASTINGS (Rough and semifinished) Steel	332300	3 Short tons				( )
17	Aluminum and aluminum-base alloy	336100	3 Thousand pounds				( )
18	Copper and copper-base alloy	336200	1 Thousand pounds				( )

Please continue on page 4



## Section I - CONSUMPTION OF MATERIALS PURCHASED OR RECEIVED FROM OTHER ESTABLISHMENTS - Continued

Line number	Materials, parts, and supplies  (A)	7  (B-1)  Census material code	7-1  (B-2)  Unit of measure for quantities	7-2	7-3	7-4	
				Consumption of purchased materials and of materials received from other establishments of your company			
				Quantity  (C)	If \$5,000 or more of the listed item was consumed - Cost, including delivery cost (freight-in) (D)		If you consumed some but less than \$5,000 worth of the listed item, enter an (X)  (E)
					Millions 000	Thousands 000	
19	INDUSTRIAL ELECTRICAL CONTROL EQUIPMENT (Received for incorporation only into other industrial electrical control equipment shipped, as such, by this plant.)  Purchased from other companies	362200	8		\$	( )	
20	Received from other plants of your company	362209	9			( )	
21	Thermoplastic resins including modified resins. (Cellulosics, polyethylenes, styrenes, etc. Include solid and liquid, but exclude sheets and other shapes.)	282130	4 Thousand pounds			( )	
22	Thermosetting resins (Melamines, phenolics, polyesters, ureas, etc. Include solid and liquid, but exclude sheets and other shapes)	282140	3 Thousand pounds			( )	
23	All other materials and components, parts, containers, and supplies consumed..... (List the three principal "all other materials, etc," included in the above.)	970099	8				
24	TOTAL (Sum of lines 1-23 should be same as item 5a)				\$		

## Section II - CONSUMPTION OF CASTINGS

PRODUCED IN THIS ESTABLISHMENT AND CONSUMED IN MANUFACTURING OTHER PRODUCTS MADE IN THIS ESTABLISHMENT

## INSTRUCTIONS

Report below the quantity of each listed item produced in this establishment and consumed in manufacturing products made in this establishment.

Purchases or receipts of the items specified below should be reported only in section I.

Materials used to produce the items specified below should be reported in section I.

Quantities produced for sale as such and not for incorporation in other products should be reported in item 18.

Report quantities in the unit of measure specified in column (B-2).

Line number	Item  (A)	7  (B-1)  Census material code	7-1XXX  (B-2)  Unit of measure for quantities	7-5
				Quantities produced in this establishment and consumed in manufacturing other products made in this establishment  (F)
1	CASTINGS (Rough and semifinished) Steel	332300	3 Short tons	
2	Aluminum and aluminum-base alloy	336100	3 Thousand pounds	
3	Copper and copper-base alloy	336200	1 Thousand pounds	

Item 17B - Not applicable to this form

FORM MC-36B (3602)	U.S. DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS	FILE NO. Name of establishment (Same as address box)	Page 5
1967 CENSUS OF MANUFACTURES SWITCHGEAR AND SWITCHBOARD APPARATUS AND INDUSTRIAL CONTROLS - Continued			

Item 18 - PRODUCTS AND SERVICES OF THIS ESTABLISHMENT DURING 1967  
 PLEASE READ THE ENTIRE LIST OF PRODUCTS AND SERVICES BELOW BEFORE ANSWERING THIS INQUIRY

INSTRUCTIONS

Report net selling value, f.o.b. plant, after discounts and allowances and exclusive of freight charges and excise taxes.

Include products made elsewhere for this establishment on a contract basis from materials supplied by this establishment. (The cost of these materials should be included in items 5a and 17A.)

Exclude products made in this establishment on a contract basis from materials owned by others. Report commission or contract receipts on the appropriate line below. (Exclude materials consumed in making these items, from items 5a and 17A.)

Line 24 - The selling value, f.o.b. plant, of products which were resold as originally purchased and not used in further manufacturing, processing, or assembling of products made in this establishment.

TIE-IN LINES - This report requests totals for groups of products covered in more detail on Annual Census Surveys; MA-36A "Switchgear, Switchboard Apparatus, Relays and Industrial Controls," MA-38B "Selected Instruments and Related Products," MA-36K "Wiring Devices and Supplies," and MA-36N "Selected Electronic and Associated Products." The relationship of figures between this survey and those above is noted in columns (B-3 and B-4).

Line number	Products and services  (A)	8-1X  Census product code  (B-1)		Unit of measure for quantities  (B-2)	Corresponds to the sum of products reported on -  Census form      Codes (B-3)      (B-4)		Products shipped and other receipts  Quantity      Value, f.o.b. plant (E) Millions      Thousands      Dollars (D)      000      000      000		
							Quantity (D)	Value, f.o.b. plant (E)	
1	Switchgear, except ducts and relays (36131)	36131	00	1	MA36A	3613111- 3613183		\$	
2	Power circuit breakers, all voltages (36132)	36132	00	9	MA36A	3613243			
3	Low voltage panelboards and distribution boards and other switching and interrupting devices, 750 volts and under (36133)	36133	00	7	MA36A	3613311- 3613398			
4	Fuses and fuse equipment under 2300 volts, except power distribution cut-outs (36134)	36134	00	5	MA36A	3613431- 3613493			
5	Molded case circuit breakers, 750 volts and under (36135)	36135	00	2	MA36A	3613511- 3613532			
6	Duct, including plug-in units and accessories, 750 volts and under (36136)	36136	00	0	MA36A	3613611- 3613631			
7	Relays, control circuit (36137)	36137	00	8	MA36A	3613701- 3613703			
8	General industry power circuit devices and controls - industrial controls (36220)	36220	00	2	MA36A	3622012- 3622099			
9	Integrating instruments, electrical	36111	00	3	MA38B	3611110- 3611161			
10	Other electrical measuring instruments	36113	00	9	MA38B	3611312- 3611385			
11	Power mercury arc rectifiers	36292	51	4	Number of units				
12	Current, carrying wiring devices, including lightning rods	36430	00	7	MA36K	3643001- 3643098			
13	Electric conduit and conduit fittings	36442	00	2	MA36K	3644221- 3644265			
14	Resistors for electronic applications	36793	00	8	MA36N	3679311- 3679355			
15	Automatic temperature controls	38220	00	0	MA38B	3822012- 3822018			
16	ALL OTHER PRODUCTS MADE IN THIS ESTABLISHMENT Describe and report separately for each product whose value was \$50,000 or more and not listed above. (Specify unit of measure for quantity.) For all remaining products describe and report a single total value.								
17									
18									
19									

Please continue on page 6

Line number	Products and services (A)	Census product code (B-1)	Unit of measure for quantities (B-2)	Products shipped and other receipts		
				Quantity (D)	Value, f.o.b. plant (E)	
					Millions 000	Thousands 000
20	CONTRACT WORK Receipts for work done for others on their own materials..... (Describe products worked on and kind of work)	93000 00	8		\$	
21	MISCELLANEOUS RECEIPTS Sales of scrap and refuse	99980 13	8			
22	Receipts for repair work	99980 61	7			
23	Other miscellaneous receipts	99980 98	9			
24	RESALES Sales of products bought and resold without further manufacture, processing or assembly in this establishment. (The cost of such items should be reported in item 5b.)	99989 00	6			
25	TOTAL (Sum of lines 1-24 column (E))	77000 00	8		\$	

Item 19 - Not applicable to this form.

## Item 20 - SELECTED METALWORKING AND RELATED OPERATIONS PERFORMED IN THIS ESTABLISHMENT DURING 1967

	Key	Yes	No
9	9-1	208	
Section I - Were any of the operations listed below performed in this establishment in 1967?.....Mark appropriate one....	9-2*	( ) 1	( ) 2
Section II - If "Yes," indicate in column (C) by marking appropriately, which of the specified operations were performed in this establishment during 1967. Where "Yes" is marked, show in column (D) the approximate number of production workers on all shifts usually engaged in the specified operation.			

Line number	Operation (A)	Census code (B)	Was this operation performed in this establishment during 1967? (C)		Number of production workers (on all shifts) usually employed when operated (estimate if necessary) (D)
			Yes	No	
			9	9-1	
1	Foundry (iron or steel)	018	( ) 1	( )	
2	Foundry (nonferrous, except die casting)	026	( ) 1	( )	
3	Electroplating and other plating	059	( ) 1	( )	
4	Heat treating of metals for production purposes	075	( ) 1	( )	
5	Automatic screw machine department	083	( ) 1	( )	
6	Machine shop	091	( ) 1	( )	
7	Tool and die shop (if separate from machine shop) for jigs, fixtures, dies, and other special tooling	109	( ) 1	( )	
8	Pattern shop (foundry patterns only - metal, wood, etc.)	117	( ) 1	( )	
9	Plate or structural fabrication	125	( ) 1	( )	
10	Stamping, blanking and forming of metals	133	( ) 1	( )	
11	Painting, lacquering and enameling on metals	141	( ) 1	( )	
12	Plastics molding	158	( ) 1	( )	

Item 21 - Not applicable to this form.

Item 22	Name of person to contact regarding this report	Address (Number and street, city, State)		ZIP code	Telephone		
					Area code	Number	Extension
	CERTIFICATION - This report is substantially accurate and covers the period from _____ to _____.						
	Name of company		Address (Number and street, city, State)			ZIP code	
	Signature of authorized person		Title		Date		

Use additional sheets of paper, if necessary, to complete any item or to submit any explanation. Identify each sheet with the 11-digit file number appearing over your name.



DUE DATE: THIRTY DAYS AFTER RECEIPT OF FORM

Budget Bureau No. 41-R2349; Approval Expires December 31, 1969

FORM MC-D-171  
(9-12-67)U.S. DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS

NOTICE - Response to this inquiry is required by law (Title 13 U.S. Code). By the same law, your report to the Census Bureau is confidential. It may be seen only by sworn Census employees and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.

(Enter mailing address below.)

DEPARTMENT OF DEFENSE ESTABLISHMENTS  
PRIMARILY ENGAGED IN MANUFACTURING AND  
ASSEMBLY AND/OR RESEARCH AND DEVELOPMENT  
OWNED AND OPERATED BY  
THE DEPARTMENT OF DEFENSE  
(Includes shipyards)

(Supplement to the Annual Survey of Manufactures, Census Form MA-100)

INSTRUCTIONS - This report is to be prepared by those Department of Defense establishments whose primary activities are manufacture and assembly and/or research and development. All shipyards are included.

The information requested is based upon reports now regularly prepared by most such establishments.

(PLEASE RETURN THIS COPY)

## ITEM 1 - NAME AND PHYSICAL LOCATION OF ESTABLISHMENT ON DECEMBER 31, 1967

a. Name of establishment

d. Is this establishment physically located within the legal boundaries of the place named in "c"?

☐ Yes ☐ No

Your answers to parts b, c, d, e, and f of this item should relate to the ACTUAL PHYSICAL LOCATION of this establishment which may be different from the mailing address.

b. Street and number of establishment location\*

e. County in which located

\*If establishment location cannot be described by street and number, give name and number, if any, of road or highway and sufficient information to locate establishment, e.g., Rt. 25, 3 miles south of Charlesville.

f. State

c. Type and name of place in which located (Check first applicable type and enter name of place.)

g. Telephone number of establishment (Include area code)

Type

Name of place

☐ City☐ Village or borough☐ Town☐ Township☐ Other (Specify)

## ITEM 3 - NATURE OF ACTIVITY

Describe briefly the kind of activity of this establishment.

If a manufacturing plant, list the three most important products.

ITEM 4  
EMPLOYMENT AND PAYROLLS IN CALENDAR YEAR 1967

Class of employee

Item code

Number of civilian employees in 1967

At end of month  
(As reported on Civil Service form SF-113\*)

March

June

September

December

Sum of  
columns A, B,  
C, and DColumn E  
divided by 4Total wages  
and  
salaries of  
civilian  
employees  
(Thousands)

(A)

(B)

(C)

(D)

(E)

(F)

(G)

(Civilian employees only)

a. Wage Board employees

41

b. All others

42

c. TOTAL CIVILIAN EMPLOYEES

(Sum of lines a and b)

49

\* The number of Wage Board employees (line a) should be the same as reported on line 7 of SF-113. The total (line c) should be the same as reported on line 1 of SF-113.

ITEM 5  
MAN-DAYS OF WAGE BOARD EMPLOYEES BY CALENDAR QUARTER 1967

Item code

1967 Quarterly period

Man-days  
(Thousands)Estimated  
number of  
man-hours\*\*  
(Thousands)

(A)

(B)

Enter the total number of man-days of Wage Board employees for each calendar quarter of 1967. Do not include days paid for vacations, holidays, or sick leave.

51

a. January through March

52

b. April through June

53

c. July through September

54

d. October through December

59

e. TOTAL, 1967 (Sum of lines a, b, c, and d)

\*\* Obtain figure for column (B) by multiplying column (A) by average number of hours per day Wage Board employees in this establishment

Please continue on page 2

USCOMM-OC

<b>ITEM 6</b> BILLINGS BY THIS ESTABLISH- MENT DURING CALENDAR YEAR 1967	Enter below the specified claaaea of billings of this eatablishment for calendar year 1967.		
	Billings for products and servicea (including progreaa billings)	Item code	Value (Thousands of dollars)
	Manufacture and assembly	61	\$
	Construction and converaion	62	\$
	Overhaul, repair and renovation	63	\$
	Alteration and modification	64	\$
	Research and development	65	\$
	Other billings	66	\$
	Total billings for products and servicea	67	\$
	Increase or decrease in unbilled costa of work in progress	68	\$
<b>TOTAL EARNED REVENUE</b> →		69	\$
<b>ITEM 7</b> COSTS DURING CALENDAR YEAR 1967	Typea of costa incurred	Item code	Costs (Thousands of dollars)
	Materials, auplies and parts uaed	71	\$
	Salaries and wages (aame as item code 49, column (G))	72	\$
	Contractual servicea and other costa	73	\$
<b>TOTAL COSTS INCURRED</b> →		79	\$
<b>ITEM 8</b> CHECKS TO ASSURE A COMPLETE AND ACCURATE REPORT  (Please complete this item after you have answered all items on this report.)	The Census Bureau reviews your report for omissions, inconsistencies, and unusual ratios. To problems, please make the following checks before returning your report:		
	a. Review this report carefully to see that no items are omitted.		
	b. Calculate and enter the four "reasonableness" checka (described below), then review the resulting figures.		
	c. Correct your report for any errors you find; explain unusual figures in "Remarks" section.		
	"Reaaonableness" checks	Calculation required for each check	Resulting figures for 1967
	(1) Average hourly wages per Wage Board employee	Item code 41, column G (Wages paid Wage Board employees) ÷ item code 59, column B (Total estimated man-hours)	\$
(2) Man-days per year per Wage Board employee	Item code 59, column A (Wage Board man-days in thousands) x 1,000 ÷ item code 41, column F (Average number of Wage Board employees)	Man-days	
(3) Wages and salaries per dollar of earned revenue	Item code 72, (Wages and salaries of civilian employees) ÷ item code 69 (Total earned revenue)	\$	
(4) Is the total earned revenue (item code 69, total) greater than total costs incurred (item code 79, total)? . . . . . <input type="checkbox"/> Yes <input type="checkbox"/> No (If "No," please explain in "Remarks" section.)			
<b>ITEM 9</b> REMARKS PERTAIN- ING TO THIS REPORT			
<b>PERIOD OF REPORT</b>	This report covers the period from _____ to _____		
<b>ITEM 10</b>	Name of person to be contacted regarding this report	Address (Street and number, city, State and ZIP code)	Telephone (Area code, number, extension)
<b>ITEM 11</b>	<b>CERTIFICATION</b> - This report is substantially accurate and has been prepared in accordance with instructions.		
	Name of establishment	Address (Street and number, city, State and ZIP code)	
	Signature of authorized official	Title	Date

## PENALTIES FOR FAILURE TO REPORT

DUE DATE - APRIL 30, 1968

Form Approved: Budget Bureau No. 41-66161

FORM MA-100

U.S. DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS

## ANNUAL SURVEY OF MANUFACTURES

IND-D	V
TAB	1
IND-Y	2
AREA	3
	4
INFL	5
CCS	6
PPN	7+

NOTICE - Response to this inquiry is required by law (Title 13 U. S. Code). By the same law, your report to the Census Bureau is confidential. It may be seen only by sworn Census employees and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.

In correspondence pertaining to this report refer to this Census File Number

Employer Identification Number

(For 1967 this is the first sheet of the 1967 Census of Manufactures form)

RETURN TO JEFFERSONVILLE CENSUS OPERATIONS OFFICE  
Jeffersonville, Indiana 47130

ITEM 1  
Physical location and Employer Identification Number-  
Complete both a and b.

- a. Is the address originally printed in the address box the ACTUAL PHYSICAL LOCATION of this establishment?
- ☐ Yes - Complete lines (3), (4), and section b.  
☐ No - Complete lines (1) through (4), and section b.
- (1) Number and street City, village, or other place
- (2) State ZIP code
- (3) County in which your establishment is physically located (4) Is establishment physically located within the boundaries of the city or village?  
1 ☐ Yes 2 ☐ No

(Please correct if mailing address has changed)

- b. Is the Employer Identification (E.I.) Number printed in the address box the SAME as that used for this establishment on your latest 1967 Employer's Quarterly Federal Tax Return, Treasury Form 941?
- ☐ Yes ☐ No - If "No," enter currently assigned E.I. No. here (9 digits)

NOTE - If location cannot be described by number and street give name or number of highway and approximate distance from nearest town.

Be sure to read Instruction Manual before completing report. Report items 3 - 11, and 15 in thousands (Example: If total payroll is \$215,166, enter \$215.)

Complete each item, enter "0" when appropriate		a	1966	b	1967	Key	Complete each item, enter "0" when appropriate		a	1966	b	1967	Key
ITEM 2 Number of Employees	a. March					0-1	ITEM 6 Inventories of this establishment at end of year (\$000)	a. Finished products	3-1				3-5
	b. May					0-2		b. Work-in-process	3-2				3-6
	c. August					0-3		c. Materials, supplies, fuels, etc.	3-3				3-7
	d. November					0-4		d. TOTAL (Sum of lines a - c)	3-4				3-8 *
	e. Sum of lines a - d					0-5							
	f. Average number (divide line e by 4, omit fractions)					0-6							
	g. All other employees (pay period including March 12th)					0-7							
	h. TOTAL (Sum of lines f and g)					0-8 *							
ITEM 3A Payrolls (\$000)	a. Production workers' wages					1-1	ITEM 7 Capital expenditures during year (\$000)	a. New structures and additions to this plant (exclude land)					4-1
	b. All other salaries and wages					1-2		b. New machinery and equipment					4-2
	c. TOTAL (Sum of lines a and b)					1-3		c. Used plant and equipment					4-3
ITEM 3B Suppl. labor costs not incl. in payrolls (\$000)	a. Legally required expenditures, incl. social security contributions					V-8	ITEM 8 Quantity of electricity (Thousands of KWH)	a. Purchased electricity (cost is reported in 3d)					4-5
	b. Payments for voluntary programs					V-9		b. Generated electricity (gross less generating station use)					4-6
	c. TOTAL (Sum of lines a and b)					V-10 *		c. Electricity sold or transferred to other establishments					4-7
ITEM 4 Plant man-hours of production workers by quarter (000)	a. January through March					1-4	ITEM 10 Gross book value fixed assets (original cost, end of year) (\$000)	a. Buildings and other structures (exclude land)					5-X
	b. April through June					1-5		b. Machinery and equipment					5-2
	c. July through September					1-6		c. TOTAL (Sum of lines a and b)					5-3
	d. October through December					1-7							
	e. TOTAL (Sum of lines a - d)					1-8 *							
ITEM 5 Cost of materials (\$000)	a. Materials, parts, components, containers, etc., consumed					2-1	ITEM 11 Rental payments See manual (\$000)	a. Buildings and other structures (exclude land)					5-5
	b. Products bought and resold as such					2-2		b. Machinery and equipment					5-6
	c. Fuels consumed					2-3		c. TOTAL (Sum of lines a and b)					5-7 *
	d. Purchased electricity					2-4							
	e. Contract work done for you by others on your materials					2-5							
	f. TOTAL (Sum of lines a - e)					2-6 *							

## ITEM 9 - Quantity and value of products shipped and other receipts (\$000)

The data reported in this item should be consistent with those given in item 18 for each product class (5-digit code) and for total shipments

Product classes of this establishment		Product class code (See Manual)	Unit of quantity	1966		1967			
If printed descriptions are incorrect, please revise. Describe all additional products. If more lines are needed, use item 9 (Continued), page 2	Quantity			Value (\$000)	Quantity	Value (\$000)			
(a)	(b)	6-1	(c)	(d)	(e)	(f)	6-2	(g)	6-3 *
a.									
b.									
c.									
d.									
e.									
f.									
g.									
h.									
i.									
j. Enter TOTAL from page 2, item 9 (Continued), line e									
k. Receipts for work or services you performed for others on their materials (Describe)		930008							
l. Miscellaneous receipts (repair work, installation, sales of scrap, etc. (Describe)		999805							
m. Sales of products bought and resold without further manufacture, processing, or assembly (Report cost in item 5b.)		999896							
n. TOTAL (Sum of lines a - m)		770008							
1	2	3	4	1	2	3	4	X-4	
									X-5 *

Please continue on page 2



## Form MA-100--Continued

ITEM 9 - Continued Quantity and value of products shipped and other receipts (\$000)	Additional products of this establishment (Describe) (a)	Product class code (See Manual) (b) 6-1	Unit of quantity (c)	1966		1967																
				Quantity (d)	Value (\$000) (e)	Quantity (f) 6-2	Value (\$000) (g) 6-3															
	a. -----																					
	b. -----																					
	c. -----																					
	d. -----																					
	e. TOTAL (Transfer to page 1, item 9, line j) -----																					
ITEM 12 Legal form of organization at end of 1967	Legal form of organization of the company which operates this establishment - (X) appropriate box																					
	1 <input type="checkbox"/> Individual proprietor 2 <input type="checkbox"/> Partnership 3 <input type="checkbox"/> Corporation - (Do not mark if any form of cooperative association) 4 <input type="checkbox"/> Co-op (Cooperative association), corporate and noncorporate 5 <input type="checkbox"/> Other - (Specify) _____																					
ITEM 13 Changes in operator, operations or company affiliation	a. Changes in operator or operations of this establishment during 1967 (1) <input type="checkbox"/> No change in operator or operations (2) <input type="checkbox"/> Reorganized, (Describe in "Remarks," e.g., partnership change, or change in corporate status) (3) <input type="checkbox"/> Started new business - Date _____ (4) <input type="checkbox"/> Establishment purchased or leased from another company (Enter below: Name, address, and Employer Identification Number (if known) of former owner or operator and date of purchase or lease.) (5) <input type="checkbox"/> Discontinued operations - Date _____ (6) <input type="checkbox"/> Plant dismantled, abandoned, or destroyed (7) <input type="checkbox"/> Plant idle or inactive but still owned (8) <input type="checkbox"/> Establishment sold or leased to another company (Enter below: Name, address, and Employer Identification Number (if known) of new owner or operator and date of sale or lease.) Name of company _____ Address (Number, street, city, State, ZIP code) _____ E.I. Number (9 digits) _____ Date _____ (9) If establishment was purchased, indicate whether the records of the predecessor company were also acquired 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No (10) If establishment was sold, indicate whether successor also acquired records 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No b. Company affiliation - Complete only if the first digit of your Census File Number (imprinted in the address box) is a zero "0." Census records indicate these companies operate only one establishment. (1) Is this company owned or controlled by any other company? 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No (2) Does this company own or control any other companies? 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No (3) Does this company operate more than one establishment? 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No (4) Did this company have any manufacturing plants under construction not in operation at the end of the year? 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No																					
ITEM 14 a. Other companies owned or establishments operated Complete if item 13b (2), (3), or (4) is marked "Yes."	Name and address and Employer Identification Number		Activity (Describe, e.g., manufacturing, retail, wholesale etc., and chief products sold)		Payroll and sales (\$000)		Are payrolls and sales included in this report?															
	1 _____				Payroll \$ _____		Yes <input type="checkbox"/> No <input type="checkbox"/>															
	Employer Identification Number _____				Sales _____		Yes <input type="checkbox"/> No <input type="checkbox"/>															
	1 _____				Payroll _____		Yes <input type="checkbox"/> No <input type="checkbox"/>															
	Employer Identification Number _____				Sales _____		Yes <input type="checkbox"/> No <input type="checkbox"/>															
	1 _____				Payroll _____		Yes <input type="checkbox"/> No <input type="checkbox"/>															
	Employer Identification Number _____				Sales _____		Yes <input type="checkbox"/> No <input type="checkbox"/>															
b. Parent company Complete if item 13b (1) is marked "Yes."	2 _____																					
	Employer Identification Number _____																					
ITEM 15 Force account capital expenditures	Of the capital expenditures for new structures and buildings reported for 1967 in item 7a, page 1, indicate the value put in place by your own labor force 1 <input type="checkbox"/> None 2 <input type="checkbox"/> Under \$100 thousand 3 <input type="checkbox"/> \$100 thousand or more - (Specify amount) \$ _____ (Thousands) V-14																					
Checks to assure a complete and accurate report	The Census Bureau reviews your report for omissions, inconsistencies, and unusual ratios. To save you future correspondence about these problems, please make the following checks before returning your report: (1) Review the report carefully to see that no items are omitted for the year being covered; (2) Calculate and enter figures for the four "reasonableness" checks below, and review the results; (3) Correct your report for any errors you find; explain unusual figures in "Remarks." <table border="1"> <thead> <tr> <th>"Reasonableness" checks</th> <th>Calculation required for each check</th> <th>Figures for 1967</th> </tr> </thead> <tbody> <tr> <td>a. Average hourly wages per production worker</td> <td>Item 3Aa (Production workers' wages) ÷ item 4c (Total man-hours)</td> <td></td> </tr> <tr> <td>b. Hours worked per year per production worker</td> <td>Item 4e (Total man-hours) × 1000 ÷ item 2f (Average number of production workers)</td> <td></td> </tr> <tr> <td>c. Salaries and wages per dollar of shipments</td> <td>Item 3Ac (Total payroll) ÷ item 9 (Total value of shipments)</td> <td></td> </tr> <tr> <td>d. Materials cost per dollar of shipments</td> <td>Item 5f (Total materials cost) ÷ item 9 (Total value of shipments)</td> <td></td> </tr> </tbody> </table> e. Is the total for Value of Shipments (item 9) greater than the sum for Payroll (item 3Ac) plus total Cost of Materials, etc. (item 5f) <input type="checkbox"/> Yes <input type="checkbox"/> No - Explain in "Remarks." f. Do the figures in item 9 agree with those reported in item 18 for each 5-digit product class and for Total Value of Shipments <input type="checkbox"/> Yes <input type="checkbox"/> No - Explain in "Remarks."							"Reasonableness" checks	Calculation required for each check	Figures for 1967	a. Average hourly wages per production worker	Item 3Aa (Production workers' wages) ÷ item 4c (Total man-hours)		b. Hours worked per year per production worker	Item 4e (Total man-hours) × 1000 ÷ item 2f (Average number of production workers)		c. Salaries and wages per dollar of shipments	Item 3Ac (Total payroll) ÷ item 9 (Total value of shipments)		d. Materials cost per dollar of shipments	Item 5f (Total materials cost) ÷ item 9 (Total value of shipments)	
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d. Materials cost per dollar of shipments	Item 5f (Total materials cost) ÷ item 9 (Total value of shipments)																					
Remarks																						

FORM MA-101 (Rev.)  
(11-2-67)U.S. DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS**NOTICE** - Response to this inquiry is required by law (Title 13 U.S. Code). By the same law, your report to the Census Bureau is confidential. It may be seen only by sworn Census employees and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.

(Please correct if name or address has changed)

**EXPENDITURES FOR PLANT AND EQUIPMENT DURING 1967  
FOR MANUFACTURING ESTABLISHMENTS UNDER CONSTRUCTION**Annual Survey of Manufactures  
(1967 Census of Manufacturers)

Please read instructions on reverse side before completing

**RETURN TO**Jeffersonville Census Operations Office  
Jeffersonville, Indiana 47130**NOTE:** The industry totals compiled from data filed on this form will be published by the Bureau of the Census in the 1967 Census of Manufacturers series as soon as possible after all reports are received.

(PLEASE RETURN THIS COPY)

**ITEM 1** Did your company have ANY manufacturing establishments under construction but not in operation as of December 31, 1967? ☐ Yes - If "Yes," please complete items 2, 3, 4, and 5 ☐ No - If "No," complete items 4 and 5 only

ITEM 2	Manufacturing establishments under construction or renovation but not in operation during 1967	(b)				FOR CENSUS USE
		IMPORTANT - Figures should be rounded to thousands. Please be careful to enter your figures in the correct columns. EXAMPLE - If amount is \$1,125,628.23, report as → \$ 1 126 XX				
	(a)	Item	Mil-ions	Thou-sands	Dol-lars	(c)
Name		New plants and structures (Exclude land)			XX	1 - ID
Address (Number and street - give actual physical location not mailing address)						2 - TAB
City	County	New machinery and equipment			XX	3 - IND
Principal products to be made or activities to be conducted at this establishment		Used plant and used equipment			XX	4 - AREA
						5 - INFL
		TOTAL →			XX	6 - 5
Name		New plants and structures (Exclude land)			XX	1 - ID
Address (Number and street - give actual physical location not mailing address)						2 - TAB
City	County	New machinery and equipment			XX	3 - IND
Principal products to be made or activities to be conducted at this establishment		Used plant and used equipment			XX	4 - AREA
						5 - INFL
		TOTAL →			XX	6 - 5
Name		New plants and structures (Exclude land)			XX	1 - ID
Address (Number and street - give actual physical location not mailing address)						2 - TAB
City	County	New machinery and equipment			XX	3 - IND
Principal products to be made or activities to be conducted at this establishment		Used plant and used equipment			XX	4 - AREA
						5 - INFL
		TOTAL →			XX	6 - 5
Name		New plants and structures (Exclude land)			XX	1 - ID
Address (Number and street - give actual physical location not mailing address)						2 - TAB
City	County	New machinery and equipment			XX	3 - IND
Principal products to be made or activities to be conducted at this establishment		Used plant and used equipment			XX	4 - AREA
						5 - INFL
		TOTAL →			XX	6 - 5

**ITEM 3** Have any of the capital expenditures reported above been included on Form MA-100 for any of your establishments in operation during 1967? ☐ Yes - If "Yes," please explain below ☐ No**ITEM 4** Name of person to contact regarding this report Address (Number, street, city, State, ZIP code) Telephone Area code Number Extension**ITEM 5** **CERTIFICATION** - This report is substantially accurate and covers all capital expenditures made by this company for manufacturing facilities (except capital expenditures reported in item 7 of Form(s) MA-100, Annual Survey of Manufactures, prepared for each of its operating manufacturing establishments).

Period covered From To Signature of authorized person Title Date

If additional space is needed, use a separate sheet and identify each item

USCOMM-OC

EXPENDITURES FOR PLANT AND EQUIPMENT DURING 1967  
FOR MANUFACTURING ESTABLISHMENTS UNDER CONSTRUCTION

ANNUAL SURVEY OF MANUFACTURES  
(1967 CENSUS OF MANUFACTURES)

INSTRUCTIONS

The information reported on this form should be for manufacturing establishments under construction or renovation and not in operation during the calendar year 1967. Expenditures for any plant in operation (those which had employees, inventories, or made shipments) during the calendar year should be reported on the Annual Survey of Manufactures form(s) MA-100, and they should not be duplicated in this report. The sum of the figures shown in column (b) of item 2 of this report and in item 7 of form(s) MA-100 should account for all capital expenditures (exclusive of those for land) made by this company and its subsidiaries and affiliates during the calendar year 1967 for manufacturing facilities in the United States.

Report expenditures by this company, its subsidiaries, and affiliates during the year, for construction and equipping new manufacturing establishments, or for renovating existing manufacturing establishments, that were not actually in operation during the year.

Expenditures refer to all costs actually incurred during the calendar year 1967, which are chargeable to fixed assets accounts, and are of the type for which depreciation accounts are ordinarily maintained. These expenditures cover the acquisition, construction, and major alteration of buildings, and other fixed plants and structures (whether on contract or by your own forces) and the acquisition of machinery and equipment. Expenditures are equal to construction and other additions to fixed assets completed during 1967, plus construction-in-progress at the end of 1967, minus construction-in-progress at the beginning of 1967.

Do not include any expenditures on these projects actually made prior to or after the calendar year. For example, if construction of a new plant is begun before and is completed after 1967, only those costs chargeable to fixed assets accounts which were actually incurred during the calendar year should be reported. If your records do not show the exact information needed, please make careful estimates.

Column (a) - Principal products to be made or activities to be conducted at this establishment - Describe briefly the kind of business that will be conducted at the establishment. List the principal types of products that will be produced.

Column (b) - New plants and structures - Report total expenditures during the calendar year for new construction and major alterations of buildings, including all new elevators, cranes, heating and ventilation equipment, essentially a part of the buildings; other fixed structures (such as blast furnaces, brick kilns, fractionating towers, shipways, and similar types of structures); and site improvements (such as roads, docks, tracks, parking lots, fences, utilities, etc.). Exclude expenditures for land.

New machinery and equipment - Report total expenditures during the calendar year for machinery and equipment acquired in new condition for use in production, and other purposes in plants under construction or renovation. Examples are motors, lathes, punch presses, automobiles, trucks, office machinery and equipment, furniture, cafeteria facilities, etc.

Used plant and used equipment - Report total expenditures during the calendar year for acquisition of old or existing plant and second-hand equipment from others, including the U.S. Government, for use in establishments under construction.

If you have any questions regarding form MA-101, please communicate with the Jeffersonville Census Operations Office, Jeffersonville, Indiana 47130. Please complete this report and return by April 30, 1968, in the enclosed envelope, which requires no postage. Your cooperation will be greatly appreciated.



FORM CB-51J-1  
(5110)U.S. DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS**1967 CENSUS OF BUSINESS**  
**MANUFACTURERS' SALES BRANCHES AND SALES OFFICES**  
ELECTRICAL MACHINERY, EQUIPMENT,  
AND SUPPLIES**GENERAL INSTRUCTIONS**

Please complete and return this form in the envelope provided.

A separate report is required on this form for each sales branch and sales office operated during 1967. Each sales office without stock should be reported separately as well as each sales branch carrying stocks of merchandise from which deliveries are made to customers. Sales branches and sales offices located at plants or administrative offices should be reported on this form where separate records are available, or if substantially accurate reports can be prepared. Employment, payroll, inventories, and operating expenses reported here should not be included in manufacturer's plant reports (MC series). Sales, however, will to some extent duplicate shipments on your plant reports.

This report should cover only the establishment identified in the address block.

This report should cover the calendar year 1967 or, if records are maintained on a fiscal year basis, the report should cover the fiscal year which includes at least 10 months of 1967.

If book figures are not available, enter your best estimates.

If unusual circumstances should cause an undue burden in filing by the due date, or if you have any questions, please write to the Jeffersonville Census Operations Office, Jeffersonville, Indiana 47130.

**NOTICE**—Response to this inquiry is required by law (Title 13 U.S. Code). By the same law, your report to the Census Bureau is confidential. It may be seen only by sworn Census employees and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.

In correspondence pertaining to this report,  
please refer to this Census File Number

CB-51J-1 (5110)

Employer  
Identification No.**1. NAME AND PHYSICAL LOCATION**

- a. Is the name shown in the label the name by which this establishment is known to the public?

☐ Yes ☐ No (If "No," enter trade name above the label.)

- b. Is the address in the label—

1. ☐ The mail address of your establishment but not the actual physical location.  
2. ☐ The mail address of your establishment (including number and street) which also is its actual physical location.  
3. ☐ Neither of the above (e.g. accountant's office).

(NOTE: If you marked box 1 or 3, or number and street are not shown in the label, complete c, d, and e below. If you marked box 2, complete d and e below.)

- c. Enter following physical location information

Number and street	City, village, or other place
State	ZIP code

(NOTE: If location cannot be described by number and street give name or number of highway and approximate distance from nearest town.)

- d. Enter name of county in which your establishment is located.....

- e. Is your establishment physically located within the boundaries of the city, village, or other place specified in the label or in "c"?

1 ☐ Yes 2 ☐ No

**2. EMPLOYER IDENTIFICATION NUMBER**

Is the Employer Identification (EI) Number printed in the address label the SAME as that used for this establishment on your latest 1967 Employer's Quarterly Federal Tax Return, Treasury Form 941?

☐ Yes ☐ No (If "No," enter the currently assigned EI Number here (9 digits))

**3. LEGAL FORM OF ORGANIZATION OF COMPANY OPERATING THIS ESTABLISHMENT**

X-1

- 1 ☐ Individual proprietor  
2 ☐ Partnership  
0 ☐ Corporation (Do **not** mark if any form of cooperative association)  
8 ☐ Co-op (cooperative association), corporate or noncorporate  
9 ☐ Other (Specify) \_\_\_\_\_

**4. PERIOD OPERATED IN 1967**

X-2

- a. Was this establishment in business at the end of 1967?..... 1 ☐ Yes 2 ☐ No

(NOTE: For establishments which were inactive during December 1967 due to seasonal or part-time operations, answer "Yes," unless the establishment was not owned at the end of the year.)

- b. How many months during 1967 did you own this establishment?.....

Months

X-3

**5. TOTAL SALES IN 1967**

		Dollars	Cents	Key
<p><b>Line a</b>—Total net sales after deducting returns, allowances, and discounts, but include excise taxes and sales taxes. Include all company sales credited to the sales branch or sales office even though billings may be made from a central or district office and shipments made from a plant or central warehouse. Also include, at wholesale prices, sales or transfers to any retail stores you may own. Include any receipts from services rendered customers, but do not include any receipts derived from sources other than customers.</p> <p><b>Line b</b>—Approximate percentage of sales, (item 5a), if any, accounted for by goods produced by your company, your parent company or companies corporately affiliated with your company.</p> <p><b>Line c</b>—Approximate percentage of 1967 sales (item 5a), if any, made by this establishment to household consumers, individual users, and farmers.</p> <p><b>Line d</b>—Approximate percentage, if any, of your 1967 sales (item 5a) to construction contractors and builders of all types (general contractors, highway, street, and other heavy construction contractors; and to special trade contractors).</p> <p><b>Line e</b>—Report the approximate percentage of your 1967 sales to retailers of all types (retail chain organizations, independent stores, department stores, etc.).</p> <p><b>Line f</b>—Total receipts, if any, from work done by your employees at construction site—including the value of any goods you put in place that became a permanent part of the structure or building. Amount reported here should also be included in items 5a and 12.</p>	<b>a. TOTAL SALES and other operating receipts</b>		XX	X-4 XXX
	<b>b. Products produced by this or other establishments of your company</b>	Percentage		X-8 ↓
	<b>c. To household consumers, individual users, and farmers</b>	%		1-1
	<b>d. To contractors and builders</b>	%		1-2
	<b>e. To retailers for resale</b>	%		1-3 *
	<b>f. Did this establishment do any construction work in 1967?</b> .....	1 <input type="checkbox"/> Yes      2 <input type="checkbox"/> No		X-9
	If "Yes," report the value of construction receipts during 1967.	Dollars	Cents	X-10 *

**6. PAYROLL AND EMPLOYMENT**

		Dollars	Cents	Key
<p><b>Line a</b>—Report total wages, salaries, bonuses, commissions, fees, and other remuneration paid to your employees during 1967, <b>before</b> deductions such as employees' Social Security contributions, withholding taxes, group insurance premiums, union dues, and savings bonds. INCLUDE such items as dismissal pay, vacation and sick leave pay, the cash equivalent of payment in kind (such as goods, lodging, food, and clothing). INCLUDE salaries of officers, if a corporation. DO NOT include compensation or payments to, or withdrawals by, proprietors or partners of an unincorporated business.</p> <p><b>Line b</b>—Report all employees on the payroll in the pay period including March 12, 1967. INCLUDE all those on paid sick leave, paid holidays, and paid vacations. INCLUDE salaried officers and executives, if a corporation. DO NOT INCLUDE proprietors and partners, if an unincorporated business. On this census report show the number of employees of this establishment.</p>	<b>a. Total ANNUAL payroll in 1967 before deductions</b>		XX	2-1
	<b>b. Number of paid employees for the pay period including March 12, 1967</b>	Number		2-2
	<b>c. Payroll for the FIRST QUARTER of 1967</b>	Dollars	Cents	2-3 →

**7. EMPLOYMENT BY PRINCIPAL ACTIVITY**

		Approximate number of employees	Key
<p>Distribute here the employees reported in item 6 according to their principal activity during the workweek ended nearest March 12, 1967. Each employee should be counted only once, according to his or her principal activity.</p> <p><b>Selling employees</b>—All employees primarily engaged in selling merchandise or services (traveling salesmen, house or telephone salesmen, etc.).</p> <p><b>Office, clerical, warehouse employees</b>—Employees primarily engaged in office, clerical, and warehouse work for this establishment (see instruction for central administration).</p> <p><b>Central administration</b>—Employees primarily engaged in performing various management, accounting, clerical, warehousing, etc. services for other establishments of your company.</p>	<b>a. Selling employees</b>		2-7
	<b>b. Office, clerical, and warehousing employees servicing this establishment</b>		2-8
	<b>c. Central administration, storage, etc.</b>		2-9
	<b>d. Manufacturing (processing merchandise)</b>		2-10
	<b>e. Other (Describe)</b>		2-11 *
	<b>f. TOTAL (Should equal item 6b)</b> →		

**8. OPERATING EXPENSES AND INVENTORIES**

**Line a**—Include, in addition to other operating expenses, the payroll of this establishment and the pro rata share of any general office expense. Do not include the cost of merchandise. Do not include income taxes and excise taxes.

**Line b**—Report inventories of goods for sale at cost value rather than sale price. Include goods owned by you and consigned to others, but not goods of others in your possession. Report inventories as of the date specified, or nearest inventory date.

	Dollars	Cents	Key
a. Total 1967 operating expenses, including payroll		XX	2-4
b. Merchandise inventories, at cost			
(1) December 31, 1967.....		XX	2-5
(2) December 31, 1966.....		XX	2-6 ↑

**9. WAREHOUSE, STOCKROOM, AND OTHER INVENTORY STORAGE SPACE, DECEMBER 31, 1967**

**Lines (1) and (2)**—Exclude floor space occupied by interior walls, permanent aisles, elevator shafts, stairways, offices, receiving and shipping platforms, etc.

**Line b**—If your company, your parent company, or a company corporately affiliated with your company, owns the building (or portion of the building) in which your merchandise is warehoused and does not lease space, mark the first box. If it leases space only, mark the second box. However, if it owns a part of the warehouse space and also leases space, mark the third box.

**Line c**—Mark the year or period in which the warehouse (or principal building, if more than one) was built.

	Square feet	Key
a. Occupiable warehouse floor space (under roof)—occupied and unoccupied—of this establishment		
(1) In single story building.....		3-1
(2) In multiple-story building.....		3-2
(3) <b>TOTAL FLOOR SPACE</b> (Sum of lines (1) and (2))		3-3
b. Mark the appropriate box		3-4
1 <input type="checkbox"/> We own the building		
2 <input type="checkbox"/> We lease the building		
3 <input type="checkbox"/> We own a building AND also lease space		
c. Mark the appropriate box		3-5
1 <input type="checkbox"/> Completed in 1966-67	7 <input type="checkbox"/> 1930-39	
2 <input type="checkbox"/> 1960-65	8 <input type="checkbox"/> 1920-29	
3 <input type="checkbox"/> 1955-59	9 <input type="checkbox"/> 1910-19	
4 <input type="checkbox"/> 1950-54	0 <input type="checkbox"/> Prior to 1910	
5 <input type="checkbox"/> 1945-49	X <input type="checkbox"/> Prior to 1940	
6 <input type="checkbox"/> 1940-44	but age unknown	

**10. MATERIALS HANDLING EQUIPMENT USED, MID-DECEMBER 1967**

a. Did you operate the following equipment in this place of business, mid-December 1967?

Conveyor.....

Towline.....

Overhead track.....

Crane.....

Elevator.....

b. Enter the number of each of the following used in this establishment, mid-December 1967

(1) Fork-lift trucks.....

(2) Other motorized materials handling equipment.....

3-6X

Yes

No

1

2

1

2

1

2

1

2

1

2

Number

Key

3-8

3-9

**11. TRUCKS, TRUCK TRACTORS, AND TRUCK TRAILERS OPERATED, MID-DECEMBER 1967**—Include all street and highway-type vehicles owned or leased without drivers. Exclude vehicles held for sale and any vehicles leased by you to others.

a. 1 ☐ None—Mark if this establishment operated none of the vehicles described below.

3-10\*

b. Number and type of vehicles operated mid-December 1967

	4	4-1	4-2	4-3	4-4*
Type	Code	Number of vehicles			
		Total	Owned	Leased (without drivers)	
Trucks, by body type					
(1) Closed top vans	1				
(2) Open top vans, platform, stake, other open top trucks	2				
(3) Pick-up, standard panel, or other light delivery trucks	3				
(4) Other over-the-road trucks	4				
Truck tractors and trailers					
(1) Truck tractors	8				
(2) Semitrailers and full trailers	9				



**12. ANALYSIS OF SALES BY PRODUCTS OR COMMODITY LINES**—Enter below, the total dollar sales of each product sold by this branch or office. Products are listed by classification codes which are similar (at a less detailed level) to those shown on the reporting forms for your manufacturing plants. Report value of products bought and sold as well as value of products produced by your company and sold by this establishment. If figures based on records are not available, give best possible approximations.

Description	V	Code	Estimated sales during 1967		Census Use Only	Description	V	Code	Estimated sales during 1967		Census Use Only
	Dollars		Cents	Dollars			Cents				
Electrical Industrial Equipment						Electrical Household Equipment—Continued					
1. Equipment for testing electrical, radio, communications circuits, motors		36112		XX	701	18. Household laundry equipment		36330-36332		XX	720
2. Other electrical measuring instruments		36111, 36113		XX	702	19. Electric housewares, fans, parts		36340-36344		XX	722
3. Power, distribution transformers		36122		XX	703	20. Household vacuum cleaners		36350		XX	723
4. Other transformers		36121, 36123		XX	704	21. Sewing machines		36360		XX	724
5. Switch gear ducts, relays		36131, 36133, 36134, 36136, 36137		XX	705	22. Household appliances, n.e.c.		36390-36393		XX	725
						Lighting Fixtures, Current Carrying Devices					
6. Circuit breakers		36132, 36135		XX	706	23. Electric lamps		36410		XX	726
7. Fractional horsepower motors		36211		XX	707	24. Residential type electric fixtures		36421, 36427		XX	727
8. Integral horsepower motors, generators		36212		XX	708	25. Commercial, institutional, industrial type electrical fixtures		36422, 36423		XX	728
9. Motor generator sets, other rotating equipment		36215		XX	711	26. Vehicular lighting equipment electrical		36424		XX	731
10. Other motors, generators		36213, 36214		XX	712	27. Other electric and nonelectric lighting equipment		36425, 36426		XX	732
11. Parts, supplies for motors, generators		36216		XX	713	28. Current carrying wiring devices		36430		XX	733
12. General industrial power circuit devices, controls		36220		XX	714	29. Noncurrent carrying devices		36440-36443		XX	734
13. Welding apparatus		36230-36233		XX	715	Radio, TV, Commercial Equipment					
14. Carbon and graphite products		36240		XX	716	30. Household, automobile radios, radio-phonograph combinations		36511		XX	735
15. Electric industrial goods, n.e.c.		36290-36293		XX	717	31. Household TV receivers, including TV combinations		36512		XX	736
Electrical Household Equipment						32. Recorders, phonographs, radio, TV chassis		36514		XX	737
16. Household cooking equipment		36310-36312		XX	718	33. Speaker systems, microphones, home commercial sound equipment		36515		XX	738
17. Household refrigerators, home, farm freezers		36320, 36322		XX	719	34. Phonograph records		36520		XX	741

FORM CB-51J-1  
(5110)U.S. DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS

File No.

**1967 CENSUS OF BUSINESS**  
**MANUFACTURERS' SALES BRANCHES AND SALES OFFICES**  
**ELECTRICAL MACHINERY, EQUIPMENT,**  
**AND SUPPLIES—Continued**

Name of establishment (Same as address)

**12. ANALYSIS OF SALES BY PRODUCTS OR COMMODITY LINES—Continued**

Enter below the total dollar sales of each product sold by this branch or office. Products are listed by classification codes which are similar (at a less detailed level) to those shown on the reporting forms for your manufacturing plants. Report value of products bought and sold as well as value of products produced by your company and sold by this establishment. If figures based on records are not available, give best possible approximations.

Description	V	Code	Estimated sales during 1967		Census Use Only	Description	V	Code	Estimated sales during 1967		Census Use Only
			Dollars	Cents					Dollars	Cents	
<b>Radio, TV Commercial Equipment—Continued</b>						<b>Other Electric Machinery, Equipment—Continued</b>					
35. Telephone switching, switchboard equipment		36611		XX	742	48. Appliance wire, cord and flexible cord sets (except those in non-ferrous wire drawing plants)		36996		XX	757
36. Other telephone, telegraph (wire), apparatus, equipment, components		36612		XX	743	49. Copper, copper-base alloy wire, bare tinned for electrical transmission		33572		XX	758
37. Radio, TV communications equipment		36620-36629		XX	744	50. Communication wire, cable		33574		XX	761
<b>Other Electric Equipment</b>						51. Magnet wire		33577		XX	762
38. Electron tubes, receiving types		36710		XX	745	52. Power wire, cable		33578		XX	763
39. Cathode ray picture tubes		36720		XX	746			33571, 33573, 33575, 33576, 33579			
40. Transmitting industrial, special purpose electron tubes (except X-ray)		36730		XX	747	53. Other drawn, insulated nonferrous wire				XX	764
41. Transistors, rectifiers, semiconductor devices		36742, 36743, 36749		XX	748	<b>Other Products (Specify)</b>					
42. Electronic components, n.e.c.		36741, 36790-36795		XX	751	54.				XX	
<b>Other Electric Machinery, Equipment</b>						55.				XX	
43. Storage batteries		36910-36912		XX	752	56.				XX	
44. Primary batteries, dry and wet		36920		XX	753	57.				XX	
45. X-ray therapeutic apparatus		36930		XX	754	58.				XX	
46. Engine electrical equipment		36940-36946		XX	755	59. Receipts from services and sources other than the sale of merchandise				XX	999
47. Lamp bulb components, other electrical products		36992		XX	756	60. TOTAL SALES IN 1967 (Sum of lines 1-59 should be the same as item 5a.)				XX	0

This space may be used for any explanations that may be helpful in understanding your report.

<b>13.</b>	Name of person to contact regarding this report		Address (Number, street, city, State, ZIP code)		Telephone No.		
					Area code	Number	Extension
<b>CERTIFICATION</b>	This report is substantially accurate and covers the period from _____ to _____						
	Signature of authorized person			Title		Date	

# Appendix E

## AUTHORITY FOR CENSUS: TITLE 13, UNITED STATES CODE

(Codification of August 1954 amended by Acts of August 1957, September 1960, June and October 1962, and August 1964)

### Collection and publication: Five-year periods (131)

The Secretary shall take, compile, and publish censuses of manufactures, of mineral industries, and of other businesses... in the year 1964, then in the year 1968, and every fifth year thereafter, and each such census shall relate to the year immediately preceding the taking thereof.

### Geographic scope of censuses (191a)

Each of the censuses authorized by this chapter (other than censuses of population) shall include each State, the District of Columbia, Alaska, Hawaii, the Virgin Islands, Guam, and the Commonwealth of Puerto Rico, and as may be determined by the Secretary, such other possessions and areas over which the United States exercises jurisdiction, control, or sovereignty. Censuses of population shall include all geographic areas referred to in the preceding sentence. Inclusion of other areas over which the United States exercises jurisdiction or control shall be subject to the concurrence of the Secretary of State.

### Failure to answer questions affecting companies, businesses, religious bodies, and other organizations: False answers (224)

Whoever, being the owner, official, agent, person in charge, or assistant to the person in charge, of any company, business, institution, establishment, religious body, or organization of any nature whatsoever, neglects or refuses, when requested by the Secretary or other authorized officer or employee of the Department of Commerce or bureau or agency thereof, whether such request be made by registered mail, by certified mail, by telegraph, by visiting representative, or by one or more of these methods, to answer completely and correctly to the best of his knowledge all questions relating to his company, business, institution, establishment, religious body, or other organization, or to records or statistics in his official custody, contained on any census or other schedule prepared and submitted to him under the authority of this title, shall be fined not more than \$500 or imprisoned not more than sixty days, or both; and if he willfully gives a false answer to any such question, he shall be fined not more than \$10,000 or imprisoned not more than one year, or both.





# Appendix F

## STANDARD METROPOLITAN STATISTICAL AREAS

(Area titles and definitions of the 2 Standard Consolidated Areas and the 230 Standard Metropolitan Statistical Areas in the United States established by the Bureau of the Budget as of January 15, 1968)

<b>Chicago, Ill.–Northwestern Indiana Standard Consolidated Area</b> .....	Consists of Chicago, Ill., and Gary–Hammond–East Chicago, Ind., Standard Metropolitan Statistical Areas
<b>New York, N.Y.–Northeastern New Jersey Standard Consolidated Area</b> .....	Consists of the following Standard Metropolitan Statistical Areas: New York, N.Y.; Newark, N.J.; Jersey City, N.J.; Paterson–Clifton–Passaic, N.J.; and of Middlesex and Somerset Counties, N.J.
<b>Abilene, Tex.</b> .....	Consists of Jones and Taylor Counties, Tex.
<b>Akron, Ohio</b> .....	Consists of Portage and Summit Counties, Ohio
<b>Albany, Ga.</b> .....	Coextensive with Dougherty County, Ga.
<b>Albany–Schenectady–Troy, N.Y.</b> .....	Consists of Albany, Rensselaer, Saratoga, and Schenectady Counties, N.Y.
<b>Albuquerque, N. Mex.</b> .....	Coextensive with Bernalillo County, N. Mex.
<b>Allentown–Bethlehem–Easton, Pa.–N.J.</b> .....	Consists of Lehigh and Northampton Counties, Pa.; and Warren County, N.J.
<b>Altoona, Pa.</b> .....	Coextensive with Blair County, Pa.
<b>Amarillo, Tex.</b> .....	Consists of Potter and Randall Counties, Tex.
<b>Anaheim–Santa Ana–Garden Grove, Calif.</b> .....	Coextensive with Orange County, Calif.
<b>Anderson, Ind.</b> .....	Coextensive with Madison County, Ind.
<b>Ann Arbor, Mich.</b> .....	Coextensive with Washtenaw County, Mich.
<b>Asheville, N.C.</b> .....	Coextensive with Buncombe County, N.C.
<b>Atlanta, Ga.</b> .....	Consists of Clayton, Cobb, De Kalb, Fulton, and Gwinnett Counties, Ga.
<b>Atlantic City, N.J.</b> .....	Coextensive with Atlantic County, N.J.
<b>Augusta, Ga.–S.C.</b> .....	Consists of Richmond County, Ga., and Aiken County, S. C.
<b>Austin, Tex.</b> .....	Coextensive with Travis County, Tex.
<b>Bakersfield, Calif.</b> .....	Coextensive with Kern County, Calif.
<b>Baltimore, Md.</b> .....	Consists of Baltimore city and Anne Arundel, Baltimore, Carroll, Harford and Howard Counties, Md.
<b>Baton Rouge, La.</b> .....	Coextensive with East Baton Rouge Parish, La.
<b>Bay City, Mich.</b> .....	Coextensive with Bay County, Mich.
<b>Beaumont–Port Arthur–Orange, Tex.</b> .....	Consists of Jefferson and Orange Counties, Tex.
<b>Billings, Mont.</b> .....	Coextensive with Yellowstone County, Mont.
<b>Biloxi–Gulfport, Miss.</b> .....	Coextensive with Harrison County, Miss.
<b>Binghamton, N.Y.–Pa.</b> .....	Consists of Broome and Tioga Counties, N.Y., and Susquehanna County, Pa.
<b>Birmingham, Ala.</b> .....	Consists of Jefferson, Shelby, and Walker Counties, Ala.
<b>Bloomington–Normal, Ill.</b> .....	Coextensive with McLean County, Ill.
<b>Boise City, Idaho</b> .....	Coextensive with Ada County, Idaho
<b>Boston, Mass.</b> .....	Consists of all of Suffolk County; Beverly, Lynn, Peabody, and Salem cities, and Danvers, Hamilton, Lynnfield, Manchester, Marblehead, Middleton, Nahant, Saugus, Swampscott, Topsfield, and Wenham towns in Essex County; Cambridge, Everett, Malden, Medford, Melrose, Newton, Somerville, Waltham, and Woburn cities, and Arlington, Ashland, Bedford, Belmont, Burlington, Concord, Framingham, Lexington, Lincoln, Natick, North Reading, Reading, Sherborn, Stoneham, Sudbury, Wakefield, Watertown, Wayland, Weston, Wilmington, and Winchester towns in Middlesex County; Quincy city, and Braintree, Brookline, Canton, Cohasset, Dedham, Dover, Holbrook, Medfield, Millis, Milton, Needham, Norfolk, Norwood, Randolph, Sharon, Walpole, Wellesley, Westwood, and Weymouth towns in Norfolk County; and Duxbury, Hanover, Hingham, Hull, Marshfield, Norwell, Pembroke, Rockland, and Scituate towns in Plymouth County, Mass.
<b>Bridgeport, Conn.</b> .....	Consists of Bridgeport and Shelton cities, and Easton, Fairfield, Monroe, Stratford, and Trumbull towns in Fairfield County; and Milford city in New Haven County, Conn.
<b>Brockton, Mass.</b> .....	Consists of Easton town in Bristol County; Avon and Stoughton towns in Norfolk County; and Brockton city, and Abington, Bridgewater, East Bridgewater, Hanson, West Bridgewater, and Whitman towns in Plymouth County, Mass.
<b>Brownsville–Harlingen–San Benito, Tex.</b> .....	Coextensive with Cameron County, Tex.
<b>Buffalo, N.Y.</b> .....	Consists of Erie and Niagara Counties, N.Y.
<b>Canton, Ohio</b> .....	Coextensive with Stark County, Ohio
<b>Cedar Rapids, Iowa</b> .....	Coextensive with Linn County, Iowa
<b>Champaign–Urbana, Ill.</b> .....	Coextensive with Champaign County, Ill.
<b>Charleston, S.C.</b> .....	Consists of Berkeley and Charleston Counties, S.C.

## STANDARD METROPOLITAN STATISTICAL AREAS—Continued

Charleston, W. Va. ....	Coextensive with Kanawha County, W. Va.
Charlotte, N.C. ....	Consists of Mecklenburg and Union Counties, N.C.
Chattanooga, Tenn.-Ga. ....	Consists of Hamilton County, Tenn., and Walker County, Ga.
Chicago, Ill. ....	Consists of Cook, Du Page, Kane, Lake, McHenry, and Will Counties, Ill.
Cincinnati, Ohio-Ky.-Ind. ....	Consists of Clermont, Hamilton, and Warren Counties, Ohio; Boone, Campbell, and Kenton Counties, Ky.; and Dearborn County, Ind.
Cleveland, Ohio ....	Consists of Cuyahoga, Geauga, Lake, and Medina Counties, Ohio
Colorado Springs, Colo. ....	Coextensive with El Paso County, Colo.
Columbia, S.C. ....	Consists of Lexington and Richland Counties, S.C.
Columbus, Ga.-Ala. ....	Consists of Chattahoochee and Muscogee Counties, Ga., and Russell County, Ala.
Columbus, Ohio ....	Consists of Delaware, Franklin, and Pickaway Counties, Ohio
Corpus Christi, Tex. ....	Consists of Nueces and San Patricio Counties, Tex.
Dallas, Tex. ....	Consists of Collin, Dallas, Denton, Ellis, Kaufman, and Rockwall Counties, Tex.
Davenport-Rock Island-Moline, Iowa-Ill. ....	Consists of Scott County, Iowa, and Henry and Rock Island Counties, Ill.
Dayton, Ohio ....	Consists of Greene, Miami, Montgomery, and Preble Counties, Ohio
Decatur, Ill. ....	Coextensive with Macon County, Ill.
Denver, Colo. ....	Consists of Adams, Arapahoe, Boulder, Denver, and Jefferson Counties, Colo.
Des Moines, Iowa ....	Coextensive with Polk County, Iowa
Detroit, Mich. ....	Consists of Macomb, Oakland, and Wayne Counties, Mich.
Dubuque, Iowa ....	Coextensive with Dubuque County, Iowa
Duluth-Superior, Minn.-Wis. ....	Consists of St. Louis County, Minn., and Douglas County, Wis.
Durham, N.C. ....	Consists of Durham and Orange Counties, N.C.
El Paso, Tex. ....	Coextensive with El Paso County, Tex.
Erie, Pa. ....	Coextensive with Erie County, Pa.
Eugene, Oreg. ....	Coextensive with Lane County, Oreg.
Evansville, Ind.-Ky. ....	Consists of Vanderburgh and Warrick Counties, Ind., and Henderson County, Ky.
Fall River, Mass.-R.I. ....	Consists of Fall River city, and Somerset, Swansea, and Westport towns in Bristol County, Mass.; and Tiverton town in Newport County, R.I.
Fargo-Moorhead, N. Dak.-Minn. ....	Consists of Cass County, N. Dak., and Clay County, Minn.
Fayetteville, N.C. ....	Coextensive with Cumberland County, N.C.
Fitchburg-Leominster, Mass. ....	Consists of Shirley and Townsend towns in Middlesex County; and Fitchburg and Leominster cities, and Lunenburg and Westminster towns in Worcester County, Mass.
Flint, Mich. ....	Consists of Genesee and Lapeer Counties, Mich.
Fort Lauderdale-Hollywood, Fla. ....	Coextensive with Broward County, Fla.
Fort Smith, Ark.-Okla. ....	Consists of Crawford and Sebastian Counties, Ark.; and LeFlore and Sequoyah Counties, Okla.
Fort Wayne, Ind. ....	Coextensive with Allen County, Ind.
Fort Worth, Tex. ....	Consists of Johnson and Tarrant Counties, Tex.
Fresno, Calif. ....	Coextensive with Fresno County, Calif.
Gadsden, Ala. ....	Coextensive with Etowah County, Ala.
Galveston-Texas City, Tex. ....	Coextensive with Galveston County, Tex.
Gary-Hammond-East Chicago, Ind. ....	Consists of Lake and Porter Counties, Ind.
Grand Rapids, Mich. ....	Consists of Kent and Ottawa Counties, Mich.
Great Falls, Mont. ....	Coextensive with Cascade County, Mont.
Green Bay, Wis. ....	Coextensive with Brown County, Wis.
Greensboro-Winston-Salem-High Point, N.C. ....	Consists of Forsyth, Guilford, Randolph, and Yadkin Counties, N.C.
Greenville, S.C. ....	Consists of Greenville and Pickens Counties, S.C.
Hamilton-Middletown, Ohio ....	Coextensive with Butler County, Ohio
Harrisburg, Pa. ....	Consists of Cumberland, Dauphin, and Perry Counties, Pa.
Hartford, Conn. ....	Consists of Hartford city, and Avon, Bloomfield, Canton, East Granby, East Hartford, East Windsor, Enfield, Farmington, Glastonbury, Granby, Manchester, Newington, Rocky Hill, Simsbury, South Windsor, Suffield, West Hartford, Wethersfield, Windsor, and Windsor Locks towns in Hartford County; Cromwell town in Middlesex County; and Andover, Bolton, Coventry, Ellington, and Vernon towns in Tolland County, Conn.
Honolulu, Hawaii ....	Coextensive with Honolulu County, Hawaii
Houston, Tex. ....	Consists of Brazoria, Fort Bend, Harris, Liberty, and Montgomery Counties, Tex.
Huntington-Ashland, W. Va.-Ky.-Ohio ....	Consists of Cabell and Wayne Counties, W. Va.; Boyd County, Ky.; and Lawrence County, Ohio
Huntsville, Ala. ....	Consists of Limestone and Madison Counties, Ala.



## STANDARD METROPOLITAN STATISTICAL AREAS—Continued

Indianapolis, Ind. ....	Consists of Boone, Hamilton, Hancock, Hendricks, Johnson, Marion, Morgan, and Shelby Counties, Ind.
Jackson, Mich. ....	Coextensive with Jackson County, Mich.
Jackson, Miss. ....	Consists of Hinds and Rankin Counties, Miss.
Jacksonville, Fla. ....	Coextensive with Duval County, Fla.
Jersey City, N.J. ....	Coextensive with Hudson County, N.J.
Johnstown, Pa. ....	Consists of Cambria and Somerset Counties, Pa.
Kalamazoo, Mich. ....	Coextensive with Kalamazoo County, Mich.
Kansas City, Mo.—Kans. ....	Consists of Cass, Clay, Jackson, and Platte Counties, Mo., and Johnson and Wyandotte Counties, Kans.
Kenosha, Wis. ....	Coextensive with Kenosha County, Wis.
Knoxville, Tenn. ....	Consists of Anderson, Blount, and Knox Counties, Tenn.
Lafayette, La. ....	Coextensive with Lafayette Parish, La.
Lafayette—West Lafayette, Ind. ....	Coextensive with Tippecanoe County, Ind.
Lake Charles, La. ....	Coextensive with Calcasieu Parish, La.
Lancaster, Pa. ....	Coextensive with Lancaster County, Pa.
Lansing, Mich. ....	Consists of Clinton, Eaton, and Ingham Counties, Mich.
Laredo, Tex. ....	Coextensive with Webb County, Tex.
Las Vegas, Nev. ....	Coextensive with Clark County, Nev.
Lawrence—Haverhill, Mass.—N.H. ....	Consists of Lawrence and Haverhill cities, and Andover, Georgetown, Groveland, Merrimac, Methuen, North Andover, and West Newbury towns in Essex County, Mass.; and Newton, Plaistow, and Salem towns in Rockingham County, N.H.
Lawton, Okla. ....	Coextensive with Comanche County, Okla.
Lewiston—Auburn, Maine ....	Consists of Auburn and Lewiston cities, and Lisbon town in Androscoggin County, Maine
Lexington, Ky. ....	Coextensive with Fayette County, Ky.
Lima, Ohio ....	Consists of Allen, Putnam, and Van Wert Counties, Ohio
Lincoln, Nebr. ....	Coextensive with Lancaster County, Nebr.
Little Rock—North Little Rock, Ark. ....	Consists of Pulaski and Saline Counties, Ark.
Lorain—Elyria, Ohio ....	Coextensive with Lorain County, Ohio
Los Angeles—Long Beach, Calif. ....	Coextensive with Los Angeles County, Calif.
Louisville, Ky.—Ind. ....	Consists of Jefferson County, Ky., and Clark and Floyd Counties, Ind.
Lowell, Mass. ....	Consists of Lowell city, and Billerica, Chelmsford, Dracut, Tewksbury, Tyngsborough, and Westford towns in Middlesex County, Mass.
Lubbock, Tex. ....	Coextensive with Lubbock County, Tex.
Lynchburg, Va. ....	Consists of Lynchburg city, and Amherst and Campbell Counties, Va.
Macon, Ga. ....	Consists of Bibb and Houston Counties, Ga.
Madison, Wis. ....	Coextensive with Dane County, Wis.
Manchester, N.H. ....	Consists of Manchester city, and Bedford and Goffstown towns in Hillsborough County; and Hooksett town in Merrimack County, N.H.
Mansfield, Ohio ....	Coextensive with Richland County, Ohio
McAllen—Pharr—Edinburg, Tex. ....	Coextensive with Hidalgo County, Tex.
Memphis, Tenn.—Ark. ....	Consists of Shelby County, Tenn., and Crittenden County, Ark.
Meriden, Conn. ....	Coextensive with Meriden city in New Haven County, Conn.
Miami, Fla. ....	Coextensive with Dade County, Fla.
Midland, Tex. ....	Coextensive with Midland County, Tex.
Milwaukee, Wis. ....	Consists of Milwaukee, Ozaukee, Washington, and Waukesha Counties, Wis.
Minneapolis—St. Paul, Minn. ....	Consists of Anoka, Dakota, Hennepin, Ramsey, and Washington Counties, Minn.
Mobile, Ala. ....	Consists of Baldwin and Mobile Counties, Ala.
Monroe, La. ....	Coextensive with Ouachita Parish, La.
Montgomery, Ala. ....	Consists of Elmore and Montgomery Counties, Ala.
Muncie, Ind. ....	Coextensive with Delaware County, Ind.
Muskegon—Muskegon Heights, Mich. ....	Coextensive with Muskegon County, Mich.
Nashville, Tenn. ....	Consists of Davidson, Sumner, and Wilson Counties, Tenn.
New Bedford, Mass. ....	Consists of New Bedford city, and Acushnet, Dartmouth, and Fairhaven towns in Bristol County; and Marion and Mattapoisett towns in Plymouth County, Mass.
New Britain, Conn. ....	Consists of New Britain city, and Berlin, Plainville, and Southington towns in Hartford County, Conn.
New Haven, Conn. ....	Consists of New Haven city, and Bethany, Branford, East Haven, Guilford, Hamden, North Branford, North Haven, Orange, West Haven, and Woodbridge towns in New Haven County, Conn.
New London—Groton—Norwich, Conn. ....	Consists of New London and Norwich cities, and East Lyme, Griswold, Groton, Ledyard, Lisbon, Montville, Old Lyme, Preston, Sprague, Stonington, and Waterford towns in New London County, Conn.

## STANDARD METROPOLITAN STATISTICAL AREAS—Continued

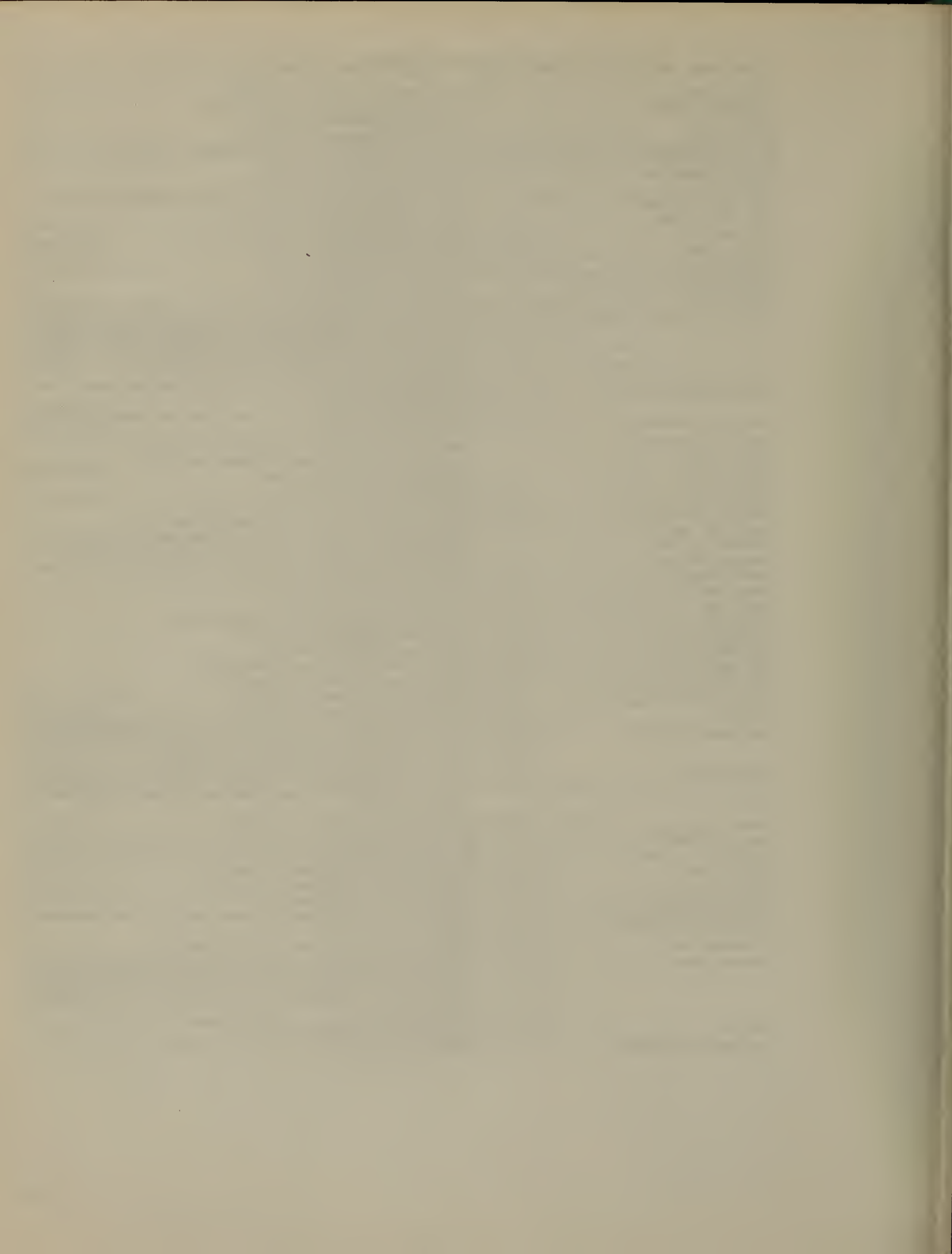
New Orleans, La. ....	Consists of Jefferson, Orleans, St. Bernard, and St. Tammany Parishes, La.
New York, N.Y. ....	Consists of New York City, and Nassau, Rockland, Suffolk, and Westchester Counties, N.Y.
Newark, N.J. ....	Consists of Essex, Morris, and Union Counties, N.J.
Newport News-Hampton, Va. ....	Consists of Newport News and Hampton cities, and York County, Va.
Norfolk-Portsmouth, Va. ....	Consists of Chesapeake, Norfolk, Portsmouth, and Virginia Beach cities, Va.
Norwalk, Conn. ....	Consists of Norwalk city, and Westport and Wilton towns in Fairfield County, Conn.
Odessa, Tex. ....	Coextensive with Ector County, Tex.
Ogden, Utah ....	Coextensive with Weber County, Utah
Oklahoma City, Okla. ....	Consists of Canadian, Cleveland, and Oklahoma Counties, Okla.
Omaha, Nebr.-Iowa ....	Consists of Douglas and Sarpy Counties, Nebr., and Pottawattamie County, Iowa.
Orlando, Fla. ....	Consists of Orange and Seminole Counties, Fla.
Oxnard-Ventura, Calif. ....	Coextensive with Ventura County, Calif.
Paterson-Clifton-Passaic, N.J. ....	Consists of Bergen and Passaic Counties, N.J.
Pensacola, Fla. ....	Consists of Escambia and Santa Rosa Counties, Fla.
Peoria, Ill. ....	Consists of Peoria, Tazewell, and Woodford Counties, Ill.
Philadelphia, Pa.-N.J. ....	Consists of Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pa., and Burlington, Camden, and Gloucester Counties, N.J.
Phoenix, Ariz. ....	Coextensive with Maricopa County, Ariz.
Pine Bluff, Ark. ....	Coextensive with Jefferson County, Ark.
Pittsburgh, Pa. ....	Consists of Allegheny, Beaver, Washington, and Westmoreland Counties, Pa.
Pittsfield, Mass. ....	Consists of Pittsfield city, and Dalton, Lanesborough, Lee, and Lenox towns in Berkshire County, Mass.
Portland, Maine ....	Consists of Portland, South Portland, and Westbrook cities, and Cape Elizabeth, Cumberland, Falmouth, Gorham, Scarborough, and Yarmouth towns in Cumberland County, Maine
Portland, Oreg.-Wash. ....	Consists of Clackamas, Multnomah, and Washington Counties, Oreg., and Clark County, Wash.
Providence-Pawtucket-Warwick, R.I.-Mass. ....	Consists of all of Bristol County; Warwick city, and Coventry, East Greenwich, and West Warwick towns in Kent County; Jamestown town in Newport County; Central Falls, Cranston, East Providence, Pawtucket, Providence, and Woonsocket cities, and Burrillville, Cumberland, Johnston, Lincoln, North Providence, North Smithfield, and Smithfield towns in Providence County; and Narragansett and North Kingstown towns in Washington County, R.I. Also, Attleboro city and North Attleborough, Rehoboth, and Seekonk towns in Bristol County, Mass.; Bellingham, Franklin, Plainville, and Wrentham towns in Norfolk County, Mass.; and Blackstone and Millville towns in Worcester County, Mass.
Provo-Orem, Utah ....	Coextensive with Utah County, Utah
Pueblo, Colo. ....	Coextensive with Pueblo County, Colo.
Racine, Wis. ....	Coextensive with Racine County, Wis.
Raleigh, N.C. ....	Coextensive with Wake County, N.C.
Reading, Pa. ....	Coextensive with Berks County, Pa.
Reno, Nev. ....	Coextensive with Washoe County, Nev.
Richmond, Va. ....	Consists of Richmond city, and Chesterfield, Hanover, and Henrico Counties, Va.
Roanoke, Va. ....	Consists of Roanoke city and Roanoke County, Va.
Rochester, N.Y. ....	Consists of Livingston, Monroe, Orleans, and Wayne Counties, N.Y.
Rockford, Ill. ....	Consists of Boone and Winnebago Counties, Ill.
Sacramento, Calif. ....	Consists of Placer, Sacramento, and Yolo Counties, Calif.
Saginaw, Mich. ....	Coextensive with Saginaw County, Mich.
St. Joseph, Mo. ....	Coextensive with Buchanan County, Mo.
St. Louis, Mo.-Ill. ....	Consists of St. Louis city, and Franklin, Jefferson, St. Charles, and St. Louis Counties, Mo.; and Madison and St. Clair Counties, Ill.
Salem, Oreg. ....	Consists of Marion and Polk Counties, Oreg.
Salinas-Monterey, Calif. ....	Coextensive with Monterey County, Calif.
Salt Lake City, Utah ....	Consists of Davis and Salt Lake Counties, Utah
San Angelo, Tex. ....	Coextensive with Tom Green County, Tex.
San Antonio, Tex. ....	Consists of Bexar and Guadalupe Counties, Tex.
San Bernardino-Riverside-Ontario, Calif. ....	Consists of Riverside and San Bernardino Counties, Calif.
San Diego, Calif. ....	Coextensive with San Diego County, Calif.
San Francisco-Oakland, Calif. ....	Consists of Alameda, Contra Costa, Marin, San Francisco, and San Mateo Counties, Calif.



# STANDARD METROPOLITAN STATISTICAL AREAS—Continued

San Jose, Calif. _____	Coextensive with Santa Clara County, Calif.
Santa Barbara, Calif. _____	Coextensive with Santa Barbara County, Calif.
Savannah, Ga. _____	Coextensive with Chatham County, Ga.
Scranton, Pa. _____	Coextensive with Lackawanna County, Pa.
Seattle—Everett, Wash. _____	Consists of King and Snohomish Counties, Wash.
Sherman—Denison, Tex. _____	Coextensive with Grayson County, Tex.
Shreveport, La. _____	Consists of Bossier and Caddo Parishes, La.
Sioux City, Iowa—Nebr. _____	Consists of Woodbury County, Iowa, and Dakota County, Nebr.
Sioux Falls, S. Dak. _____	Coextensive with Minnehaha County, S. Dak.
South Bend, Ind. _____	Consists of Marshall and St. Joseph Counties, Ind.
Spokane, Wash. _____	Coextensive with Spokane County, Wash.
Springfield, Ill. _____	Coextensive with Sangamon County, Ill.
Springfield, Mo. _____	Coextensive with Greene County, Mo.
Springfield, Ohio _____	Coextensive with Clark County, Ohio
Springfield—Chicopee—Holyoke, Mass.—Conn. _____	Consists of Chicopee, Holyoke, Springfield, and Westfield cities, and Agawam, East Longmeadow, Hampden, Longmeadow, Ludlow, Monson, Palmer, Southwick, West Springfield, and Wilbraham towns in Hampden County; Northampton city, and Easthampton, Granby, Hadley, and South Hadley towns in Hampshire County; and Warren town in Worcester County, Mass.; and Somers town in Tolland County, Conn.
Stamford, Conn. _____	Consists of Stamford city, and Darien, Greenwich, and New Canaan towns in Fairfield County, Conn.
Steubenville—Weirton, Ohio—W. Va. _____	Consists of Jefferson County, Ohio, and Brooke and Hancock Counties, W. Va.
Stockton, Calif. _____	Coextensive with San Joaquin County, Calif.
Syracuse, N.Y. _____	Consists of Madison, Onondaga, and Oswego Counties, N.Y.
Tacoma, Wash. _____	Coextensive with Pierce County, Wash.
Tallahassee, Fla. _____	Coextensive with Leon County, Fla.
Tampa—St. Petersburg, Fla. _____	Consists of Hillsborough and Pinellas Counties, Fla.
Terre Haute, Ind. _____	Consists of Clay, Sullivan, Vermillion, and Vigo Counties, Ind.
Texarkana, Tex.—Ark. _____	Consists of Bowie County, Tex., and Miller County, Ark.
Toledo, Ohio—Mich. _____	Consists of Lucas and Wood Counties, Ohio, and Monroe County, Mich.
Topeka, Kans. _____	Coextensive with Shawnee County, Kans.
Trenton, N.J. _____	Coextensive with Mercer County, N.J.
Tucson, Ariz. _____	Coextensive with Pima County, Ariz.
Tulsa, Okla. _____	Consists of Creek, Osage, and Tulsa Counties, Okla.
Tuscaloosa, Ala. _____	Coextensive with Tuscaloosa County, Ala.
Tyler, Tex. _____	Coextensive with Smith County, Tex.
Utica—Rome, N.Y. _____	Consists of Herkimer and Oneida Counties, N.Y.
Vallejo—Napa, Calif. _____	Consists of Napa and Solano Counties, Calif.
Vineland—Millville—Bridgeton, N.J. _____	Coextensive with Cumberland County, N.J.
Waco, Tex. _____	Coextensive with McLennan County, Tex.
Washington, D.C.—Md.—Va. _____	Consists of Washington, D.C.; Montgomery and Prince Georges Counties, Md.; and Alexandria, Fairfax, and Falls Church cities, and Arlington, Fairfax, Loudoun, and Prince William Counties, Va.
Waterbury, Conn. _____	Consists of Thomaston, Watertown, and Woodbury towns in Litchfield County; and Waterbury city, Naugatuck borough, and Beacon Falls, Cheshire, Middlebury, Prospect, and Wolcott towns in New Haven County, Conn.
Waterloo, Iowa _____	Coextensive with Black Hawk County, Iowa
West Palm Beach, Fla. _____	Coextensive with Palm Beach County, Fla.
Wheeling, W. Va.—Ohio _____	Consists of Marshall and Ohio Counties, W. Va., and Belmont County, Ohio
Wichita, Kans. _____	Consists of Butler and Sedgwick Counties, Kans.
Wichita Falls, Tex. _____	Consists of Archer and Wichita Counties, Tex.
Wilkes-Barre—Hazleton, Pa. _____	Coextensive with Luzerne County, Pa.
Wilmington, Del.—N.J.—Md. _____	Consists of New Castle County, Del., Salem County, N.J., and Cecil County, Md.
Wilmington, N.C. _____	Consists of Brunswick and New Hanover Counties, N.C.
Worcester, Mass. _____	Consists of Worcester city, and Auburn, Berlin, Boylston, Brookfield, East Brookfield, Grafton, Holden, Leicester, Millbury, Northborough, Northbridge, North Brookfield, Oxford, Paxton, Shrewsbury, Spencer; Sterling, Sutton, Upton, Westborough, and West Boylston towns in Worcester County, Mass.
York, Pa. _____	Consists of Adams and York Counties, Pa.
Youngstown—Warren, Ohio _____	Consists of Mahoning and Trumbull Counties, Ohio













# CENSUS REGIONS AND GEOGRAPHIC DIVISIONS

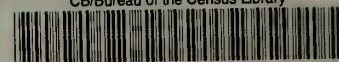


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